



**YOUR UNIVERSAL SOURCE FOR
ELECTRICAL PRODUCTS**

Catalog 36



www.orbitelectric.com

Orbit Product Lines

Your Universal Source for Electrical Products



P PREFAB PRODUCTS



A ELECTRICAL BOXES, COVERS & ACCESSORIES



B NEMA ENCLOSURES



C WEATHERPROOF PRODUCTS



D ELECTRICAL FITTINGS



E WIRING DEVICES



F EXIT & EMERGENCY LIGHTING



G LANDSCAPE LIGHTING



H LINE VOLTAGE LIGHTING



I LED LIGHTING



J VENTILATION FANS



K CABLE & WIRE

i INTRODUCTION

i | About Us

P PREFAB PRODUCTS



Pi | Introduction

P1 | Stud Wall Brackets

P5 | All-In-One Stud Brackets

P7 | Flat Bracket Family

P9 | Fixed Stud Wall Brackets

P10 | Stud Wall Boxes & Adapters

P11 | Height Adjustable Box Installation
Template (The HABIT)

P12 | Roof Support Systems

P13 | Recessed Light Adapter Plates (RAP)

P14 | Ceiling Mounting Plates (BCHS)

P15 | Bar Hangers & Surface Mounting Box

P16 | Easy Hang Boxes

P17 | Adjustable Rings

P19 | Metal Clad Boxes

P20 | Metal Clad Boxes & Pigtail Boxes

P21 | Adjustable Back Support Boxes

P22 | Large Capacity Boxes

P25 | Extra Wide Old-Work Switch Boxes

P26 | Firestop Products

P27 | Snap-In Fittings

P28 | Connectors & Conduit Supports

A ELECTRICAL BOXES, COVERS & ACCESSORIES

Ai | Introduction

A1 | Fan Support Boxes

A2 | Pancakes, 3O Boxes & Covers

A3 | 4O Boxes

A5 | Cover Plates


A6 | 4S Boxes

A9 | 4S Deep Boxes

A11 | 4S Deep (BSA) & Extra Deep Boxes

A12 | 4S Covers & Rings


A13 | 4S Industrial Covers

A14 | 4S Adjustable Rings 

A15 | Adjustable Rings & 4S LV Partitions


A16 | 5S Boxes

A17 | 5S Deep Boxes

A18 | 5S Deep Boxes & Covers 

A19 | 5S Rings & LV Partitions

A20 | 5S Covers & Adjustable Rings

A21 | 5S Adjustable Rings 

A22 | True 5" Boxes & Accessories

A23 | Large Capacity Data Boxes & Covers

A24 | Fire Alarm Boxes, Covers & Extension

A25 | Multigang Switch Boxes

A27 | Multigang Boxes Covers & Rings


A28 | Masonry Boxes & Partition

A29 | Masonry Boxes

A30 | Concrete Boxes & Covers

A31 | Handy Boxes

A32 | Deep Handy Boxes & Covers


A33 | Gangable Switch Boxes 

A36 | Switch Boxes

A37 | Accessories

A38 | Nail Safety Plates & Straps

A39 | LV Products & Bar Hangers


A40 | Bar Hangers & Stud Wall Brackets 

A41 | Miscellaneous


B NEMA ENCLOSURES

- Bi | Introduction
- B1 | NEMA Enclosures
- B3 | Service Enclosures

C WEATHERPROOF PRODUCTS

- Ci | Introduction
- C1 | Extra Duty In-Use Covers
- C3 | Weatherproof Covers
- C7 | Weatherproof Boxes 
- C10 | Weatherproof Extensions
- C11 | Round Boxes, Extension Rings & Covers
- C12 | Cast Device Boxes & Covers
- C13 | Swimming Pool Junction Boxes
- C14 | Weatherproof Lighting
- C15 | Weatherproof Accessories
- C16 | Photocells
- C17 | Handy Ells & Conduit Elbows
- C18 | Conduit Bodies

D ELECTRICAL FITTINGS

- Di | Introduction
- D1 | EMT Fittings
- D7 | Flex Connectors
- D11 | Cable Connectors
- D12 | AC/MC Connectors
- D15 | Cord Grip Connectors
- D17 | Liquid Tight Connectors
- D22 | Rigid Fittings 
- D26 | Combination Fittings
- D27 | Groundings
- D32 | Handy Ells

- D33 | Conduit Bodies
- D51 | Cast Device Boxes
- D53 | Conduit Supports
- D56 | Straps
- D59 | Service Entrance
- D60 | Hubs & K.O. Seals
- D62 | Conduit Nipples
- D65 | Conduit Elbows
- D67 | Bushings
- D71 | Locknuts
- D73 | Reducing Washers
- D74 | Bar Hangers
- D76 | Safety Plates
- D77 | Accessories
- D80 | Spring Steel Fasteners & Straps

E WIRING DEVICES

- Ei | Introduction
- E1 | Adjustable Flip & Round Plug Type Floor Boxes
- E5 | Pop-Up Type Floor Boxes
- E9 | Adjustable Steel Floor Box Spec
- E11 | Pop-Up Type Floor Box Spec
- E14 | Vacancy & Humidistat Sensors
- E15 | Occupancy Sensors
- E17 | Decorative Receptacles & Switches
- E18 | Single Receptacles
- E19 | Duplex Receptacles
- E21 | Toggle Switches
- E22 | Combination Stacked Devices
- E23 | Dimmers
- E24 | Sliding Dimmers & Digital Timers
- E25 | Datacom Wall Jacks

E WIRING DEVICES

- E26 | Screw-less Wallplates
- E27 | Lexan Wallplates
- E32 | Stainless Steel Wallplates
- E34 | Accessories
- E36 | Photocells
- E37 | Industrial Covers Quick Reference
- E38 | Steel Device Covers Quick Reference


F EXIT & EMERGENCY LIGHTING

- Fi | Introduction
- F1 | Emergency Lighting
- F7 | Wet Location Emergency Lighting
- F9 | Exit Signs
- F14 | Exit & Emergency Combination Units
- F17 | Wet Location Exit Signs
- F18 | Wet Location Exit & Emergency Combination Units
- F19 | Spanish Language Exit Signs
- F20 | City of Chicago and New York Approved Emergency Lighting
- F21 | Remote Head Lamps
- F22 | Shields & Wire Guards
- F23 | Replacement Batteries & Lamps
- F24 | Fluorescent Emergency Ballasts
- F26 | LED Emergency Ballasts
- F27 | Under Cabinet Lighting
- F28 | Easy Access Lighting Boxes 
- F29 | Conduit Locking Connector 
- F30 | Life Safety Code

G LANDSCAPE LIGHTING

- Gi | Introduction
- G1 | Directional Lights
- G9 | Pagoda Lights
- G10 | Path Lights
- G16 | Well Lights
- G21 | Tree Lights and Bollards
- G22 | Step Lights
- G30 | Underwater Lights
- G34 | Transformers
- G35 | Electronic Transformers
- G36 | Light Bulbs
- G38 | PVC Accessories
- G40 | Accessories

H LINE VOLTAGE LIGHTING

- Hi | Quick Reference
- H1 | Pagodas
- H2 | Flood Lights
- H6 | Well Lights
- H7 | Step Lights
- H8 | Bulkheads
- H10 | Vapor-Proof Fixtures
- H11 | Bollards
- H12 | Temporary Lighting
- H14 | High/Low Bay Accessories
- H15 | Easy Access Lighting Boxes 
- H16 | Fluorescent Emergency Ballasts
- H18 | Ballast Kits & Electronic Transformers
- H19 | Under Cabinet Lights
- H20 | Light Bulbs

I LED LIGHTING

- Ii | Introduction
- I1 | LED Wallpacks
- I5 | LED Area Lights
- I8 | LED Flood Lights
- I9 | LED Bullet Flood Lights
- I10 | LED Canopy
- I11 | LED High Bays
- I12 | LED Indoor Step Lights
- I13 | Low Voltage LED floods
- I14 | LED Bulbs
- I18 | LED Accessories
- I20 | LED Emergency Ballasts

J VENTILATION FANS

- Ji | Introduction
- J1 | Universal Deluxe Series
- J3 | Universal Economy Series
- J4 | Deluxe Series with Humidity Sensor
- J5 | Deluxe Recessed Series
- J6 | Deluxe Series
- J7 | Deluxe Heat Fan Light
- J8 | Economy Plus Series
- J9 | Standard Plus Series
- J10 | Standard Heat Fan Light
- J11 | Contractor Packs
- J13 | Wiring Devices
- J14 | Fan Accessories
- J15 | Ventilation Fan Curves

K CABLE & WIRE

- K1 | Data & Low-Voltage Cables

W INDUSTRY CODE

- W1 | QCIT Guide Info Metallic
Outlet Boxes
- W3 | 2014 NEC Requirements

X CROSS REFERENCE

- X1 | Cross Reference

Y PRODUCT INDEX

- Y1 | Product Index

Dear Valued Customers,

As President of Orbit Industries, Inc. I would like to welcome you to our latest master catalog. We believe our experience as an Electrical Manufacturer founded by Contractors has resulted in presenting an easy to navigate catalog convenient for both distributors and end users alike.

While we are keeping up with new technologies, we are careful to stay the same where it counts. We like you to think of us as an extended member of your business family. While we are growing, we pride ourselves on providing you with the same old-fashioned principles we began with 20 years ago--- service, quality, and innovation.

It is our mission to ensure that you are receiving nothing short of the best. We understand the importance of offering good quality products and won't sell a product we wouldn't use ourselves.



Not only do we offer the highest quality, but we strive to provide our clients with the most innovative electrical products in the market. These products are the direct result of our experienced engineers working hand-in-hand with our contractor partners. These innovations help contractor's complete jobs faster and safer.

Our efforts to better assist you don't just stop there. We take pride in having America's largest inventory of electrical products. With the introduction of our new Distribution Center (DC) in Tennessee, we have gained a strategic foothold on the East Coast. This additional 450,000 Sq. Ft. DC allows us to increase our already high inventory levels, and fulfill shipments within the continental United States in 3 days or less. The TN DC, will allow us to not only meet, but exceed our already high standards of quality service.

That is why I am happy to introduce our new Catalog 36, in which you will find an extensive list of new and current Orbit products. If you find yourself needing assistance we urge you to contact any one of our team members. We are simply a phone call away, no automated directory, but rather a live representative eager to assist you.

Our ability to directly help you has been made possible by the Orbit team's full dedication to our core philosophy and your patronage. We thank you for your continued support and look forward to working with you in the future.

Best Regards,

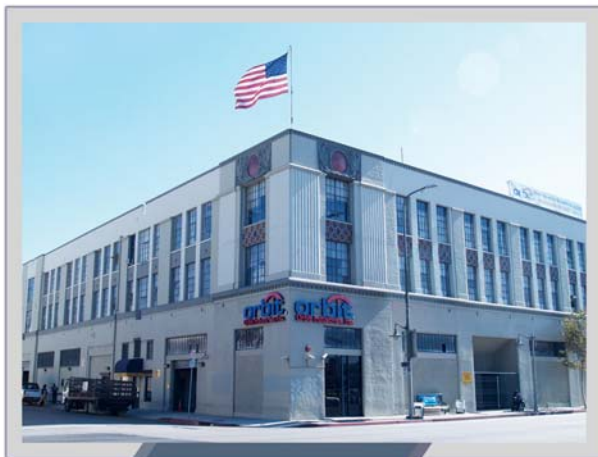
David Nikayin

Company History

Orbit Industries, Inc. was founded in 1997, with an initial focus on manufacturing electrical enclosures and receptacles in Commerce, CA. Over the past twenty years, guided by the same principals from the start, SERVICE, QUALITY, and INNOVATION, Orbit has become a leading manufacturer of electrical junction boxes, rings, enclosures and prefab products.

To better serve our customers, Orbit expanded its presence to both coasts. 2017 marked the grand opening of our first Orbit facility outside of CA.

Our 450,000 Sq. Ft. East Coast Distribution Center (DC) in Morristown, TN expands our warehousing and manufacturing space between the two locations to over 10 acres. Not only can distributor partners receive orders in three days or less, but we hold more substantial inventory to support our distributor partners.



Los Angeles, CA



Morristown, TN

Extensive Inventory

Maintaining the industry's largest inventory of electrical products makes placing orders for multiple products categories much easier. Sourcing products from different categories normally requires multiple orders, invoices and costly shipments. Now ONE order gives you access to 7,000+ products from twelve different product categories.

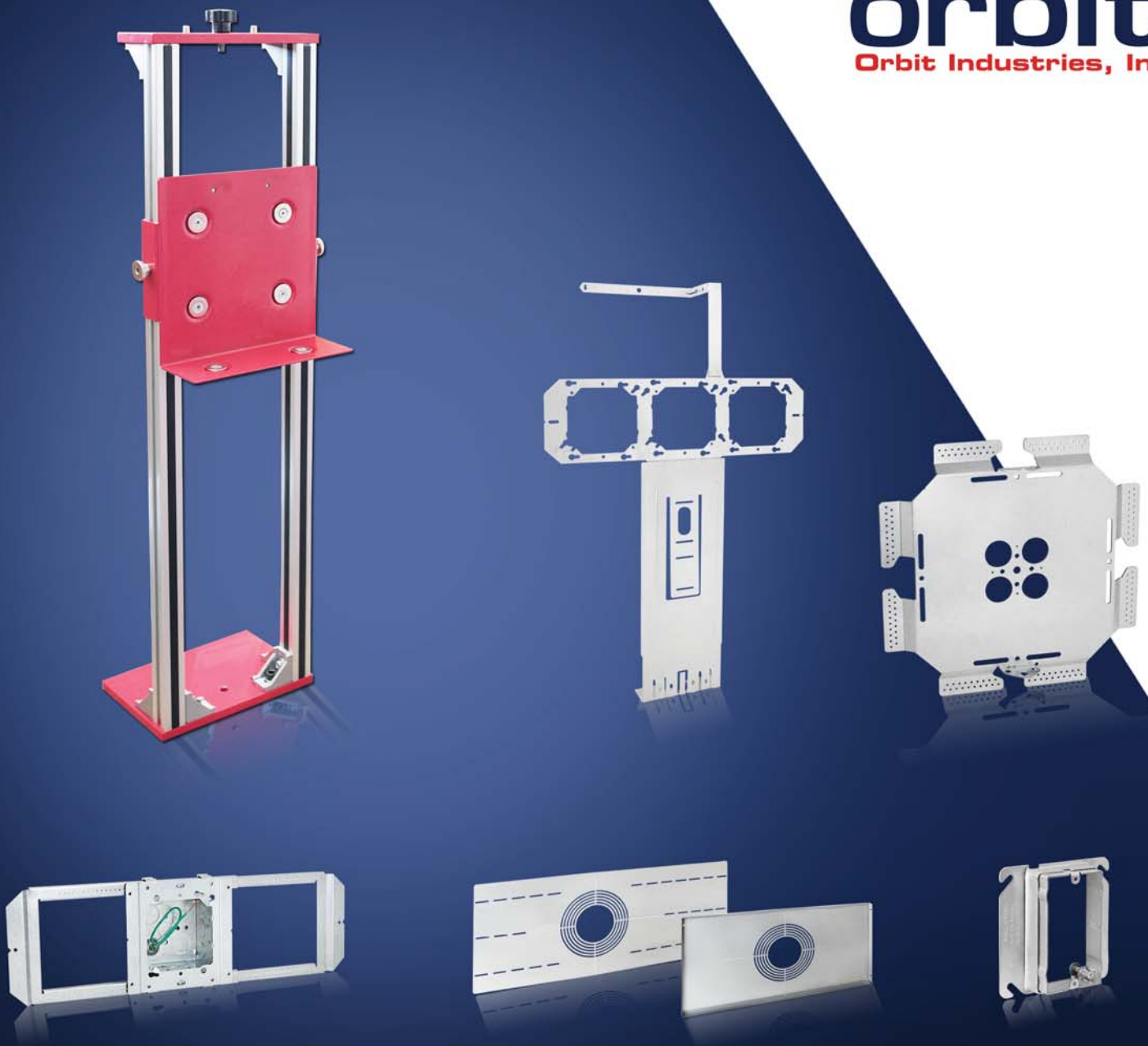
In addition, Orbit is the only manufacturer to ship at a 98.7% Fill Rate for six consecutive years and counting.

ONE

✓ ORDER ✓ SHIPMENT ✓ INVOICE

More Than 7,000 Products In Over 12 Different Electrical Product Lines





Prefab Products





Innovative Labor Saving Solutions

As an electrical manufacturer founded by contractors, Orbit knows the importance of having products that solve problems. Since Orbit was founded in 1997, we have consistently developed innovative electrical products, establishing ourselves as a forward-thinking and solutions-based manufacturer.

Today, our prefab line continues to deliver engineered solutions for optimizing job site productivity and flexibility during installations. Every product is designed with contractors in mind to provide the following features:

- Efficient installations for reduced labor
- Increase safety and bring the construction environment to a controlled environment
- Allow contractors to bid and complete jobs more effectively
- A reduction of on-site mistakes and waste

The Orbit Advantage

With a team of industry experienced sales representatives and talented engineers, Orbit provides innovative and high quality products with a convenience not found anywhere else.

The Orbit Advantage include:

- State-of-the-art automated manufacturing facilities that consistently product quality products
- Industry experienced sales and engineering teams
- 98.7% fill rate with over 7,000 products in more than 12 different product lines, all ready to ship
- Compliance with current safety standards and electrical codes

PROFAB
ENGINEERED ELECTRICAL SYSTEMS

NEW

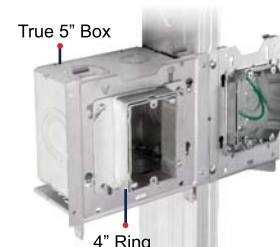


*For more information on Orbit's
Engineered Electrical Systems, email
info@orbitprefab.com*

A Division of **orbit**



Simple Support Bracket | Pg. P1~2



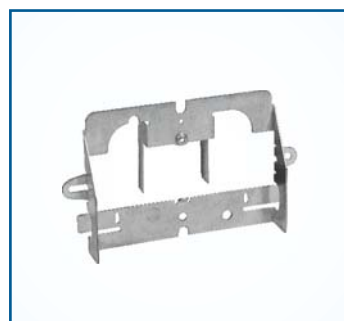
Prefab Products

PREFAB STUD BRACKET SYSTEM, SNAP BOXES ON TO ADD MORE

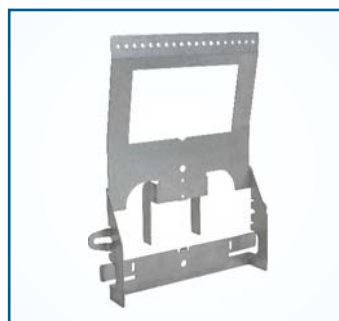
Patented

The Simple Support Bracket (SSB) is the most versatile adjustable bracket on the market. Available as individual components or preassembled with a 4" (SSB-4S-MKO) or 4-11/16" (SSB-5S-MKO) Sq. Box, there isn't an application it cannot accomplish. Adjusts from 15" - 25", the SSB maintains rigidity throughout, eliminating the need of a Box Back Support. In addition to standard square boxes, the SSB will also accept multigang boxes.

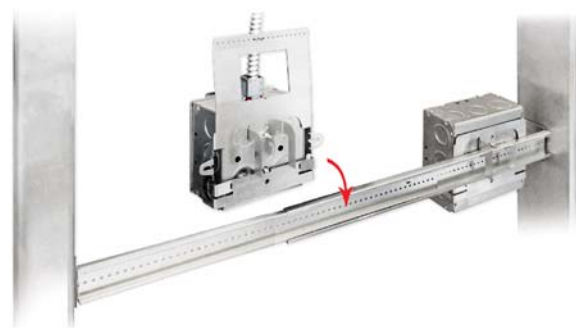
Drop-On-Bar Slider Brackets | Pg. P4



BARB



BARB-CS



QUICKLY DROP BOXES ONTO ADJUSTABLE BAR HANGERS

Patent Pending

The Drop-On-Bar Slider Brackets attach to 4" and 4-11/16" square boxes, creating a versatile box assembly which can then be dropped onto Orbit's Adjustable Bar Hanger and conveniently repositioned. This unique method of box on bracket allows the installer to Prefab using traditional Adjustable Bar Hangers (BHA-16 & 24). The BARB-CS features pin holes for cable support.



Height Adjustable Box Installation Template | Pg. P11



FRONT



BACK



STACKED



2017 NECA
**Show
Stopper**

**THE MORE YOU USE IT,
THE MORE YOU SAVE**

Patent Pending

The Height Adjustable Box Installation Template (HABIT) is a reusable tool used to mount boxes and brackets at a consistent height. The HABIT's adjustable, magnetic platform can be preset in heights up to 21". Built-in magnets firmly hold assemblies in place for a uniform installation. Multiple HABITs can even be stacked, allowing for installations in heights up to 49".

Roof Coupling Plates | Pg. P12



RCP



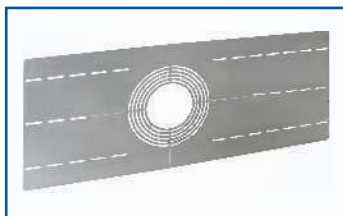
**THE ULTIMATE SUPPORT
FOR CONDUIT STUBS ON
BUILDING ROOFS**

Patent Pending

The Roof Coupling Plate (RCP) provides installers with a fast, efficient solution for routing conduit through rooftop penetrations. Once fastened, the RCP will eliminate conduit movement for up to 5' above or below the roof line. These plates are perfect for electrical and HVAC power or control available in all major trade sizes from 1/2" up to 2".



Recessed Light Adapter Plates | Pg. P13



RAP



RAP-T



**INSTALL DOWNLIGHTS UP TO
4X FASTER THAN TRADITIONAL
INSTALLATION METHODS**

Patented



The Industry-First Recessed Light Adapter Plates allow for a fast and convenient installation of recessed lighting fixtures. Available for Hard Lid (RAP) and T-Bar (RAP-T) applications. Each plate features multiple CKOs that accommodate most 4" - 8" round and up to 5-1/4" square luminaires with ease. The RAP fits up to a 26" stud spacing via its slotted holes, while the RAP-T drops into any 2' wide T-Bar grids.

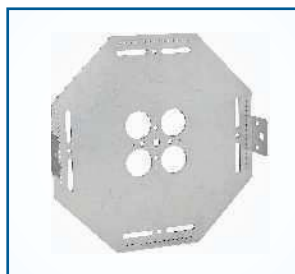
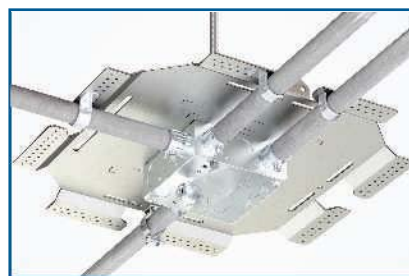
Box & Conduit Hanger Support Plates | Pg. P14



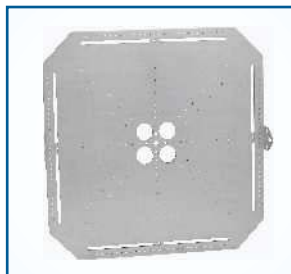
BCHS-10



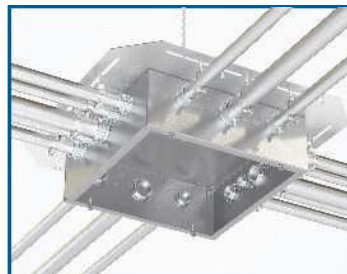
BCHS-6S



BCHS-6



BCHS-12



**HANG BOXES & CONDUITS
WITH ONLY ONE PLATE
AND ROD!**

Patented



Replace the traditional method of suspended conduit installations with the Box & Conduit Hanger Support Plates (BCHS). Installers can now use one piece of all-thread and one plate to support multiple conduits instead of measuring and cutting multiple pieces of rod. The more pieces of conduit involved, the more saving the BCHS plates will provide. BCHS-10, 6, 6S fit up to 8" x 8" Junction boxes, whereas the BCHS-12 fits up to 12" x 12" Junction Boxes or multiple smaller size boxes.

SIMPLE SUPPORT BRACKETS AND ACCESSORIES

PRODUCT FEATURES

- ▶ Telescoping bracket adjusts from 15" to 25"
- ▶ SSB assemblies ready to install out of the box with choice of box size and 10" Pigtail, saving time and reducing injuries
- ▶ SSB-TBAR includes two riveted clips for T-bar drop ceiling installation
- ▶ UMA or UMA-LVBS can either mount-to-stud directly or clip onto bracket
- ▶ Rigidity eliminates need for far-side back support
- ▶ Markings on bracket allow for quick and consistent adjustability
- ▶ SSB compatible with all Adjustable Rings (Pg. P17-18)

NOTE

SSB must be accompanied with either UMA, UMA-LVBS, WBAR1G or WBAR2G mounting brackets to attach a steel box



Video Available
On Our Website!

Cat. No.	Description	Std. Pkg.
SSB	Simple Support Bracket adjusts from 15" to 25" for mounting boxes horizontally between stud	25
SSB-TBAR <small>NEW</small>	SSB with T-bar Drop Ceiling Mounting Clips	20
UMA	Universal Mounting Adapter for 4" and 4-11/16" Boxes to mount to SSB, USB, and directly to stud	25
UMA-LVBS <small>NEW</small>	Universal Mounting Adapter w/ Back Support, Stud Mounts 4", 4-11/16" & 5" Boxes. ONLY 4" and 4-11/16" snap onto the SSB, USB brackets	25
SSB-4S-MKO	Preassembled SSB with UMA and 4" Sq. 2-1/8" Deep Box with MKO and 10" Ground Pigtail	12
SSB-5S-MKO	Preassembled SSB with UMA and 4-11/16" Sq. 2-1/8" Deep Box with MKO and 10" Ground Pigtail	12
LVSB1	Low Voltage Stud Mounting Bracket 1-Gang, 1/2" raise	50
LVSB2	Low Voltage Stud Mounting Bracket 2-Gang, 1/2" raise	25
UMAB	4" Square Box 3-1/2" Deep Adjustable Up to 1-1/2". Adapter Included	10
FA-UMAB	Fire Alarm 4" Square Box 3-1/2" Deep Adjustable Up to 1-1/2". Adapter Included	10

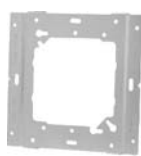
**SSB-4S replaced by SSB-4S-MKO*



SSB



NEW SSB-TBAR



UMA



NEW UMA-LVBS



SSB-4S-MKO
SSB-5S-MKO



LVSB1



LVSB2



UMAB



FA-UMAB

FEATURES

UMA:
4" & 4-11/16" Sq. Box Adapter
Compatible with all Adjustable Rings

Mounting hole and center cutout
for a quick, leveled installation

Markings for quick
and consistent
adjustability

Adjustable 15" to 25"

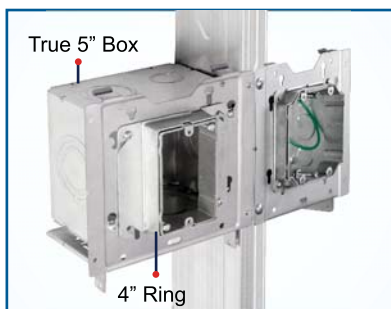


SNAP-IN

UMA-LVBS easily clips onto SSB



Secure SSB-TBAR to grid using a Tek Screw to comply with NEC 314.23 (D)(1)



UMA-LVBS mounted directly-to-stud



4" or 4-11/16" Box on UMA-LVBS and Low Voltage Ring

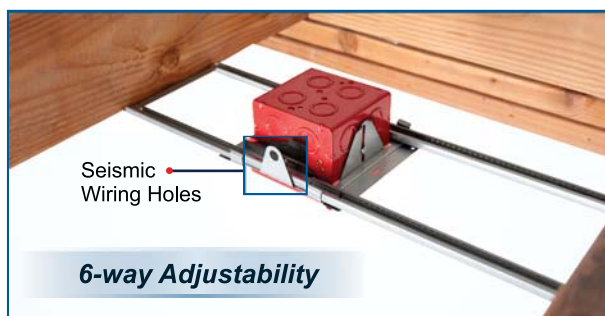
Almost any combination of box and ring can be installed!



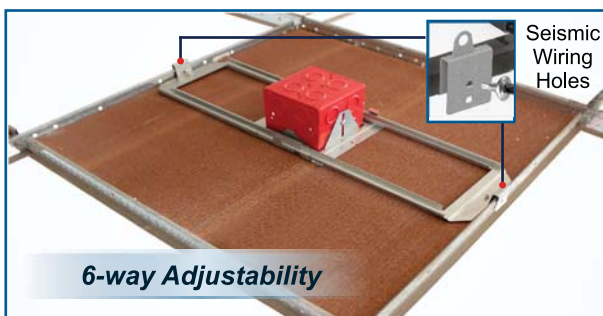
4" or 4-11/16" Box and Low Voltage Ring



Fit up to Three 4" and/or 4-11/16" Boxes and Rings



UMAB Installed for Ceiling Applications



SSB-TBAR with UMAB Installed in Drop Ceiling Grid



Up to 10-Gang Multi-Gang Box Between 24" Studs



4" or 4-11/16" Box/Ring and Multi-Gang Box/Ring

Endless Variations!

TELESCOPING SUPPORT BRACKET

PRODUCT FEATURES

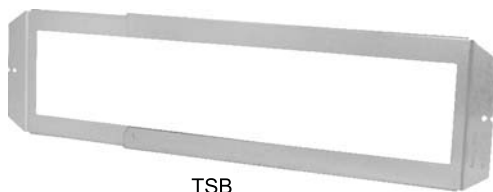
- ▶ Telescoping bracket adjusts from 16" to 27"
- ▶ Accepts 4", 4-11/16" square, and up to 10-Gang boxes and rings
- ▶ Easily adjust position of boxes in field
- ▶ Packaged preassembled and ready to use.
- ▶ Markings on bracket allow for quick and consistent adjustability
- ▶ Rigidity eliminates need for far-side back support

**SHIPS
PREASSEMBLED**



**Video Available
On Our Website!**

Cat. No.	Description	Std. Pkg.
TSB	Telescoping Support Bracket adjusts from 16" to 27" for mounting 4", 4-11/16" square and up to 10-gang boxes between studs.	25

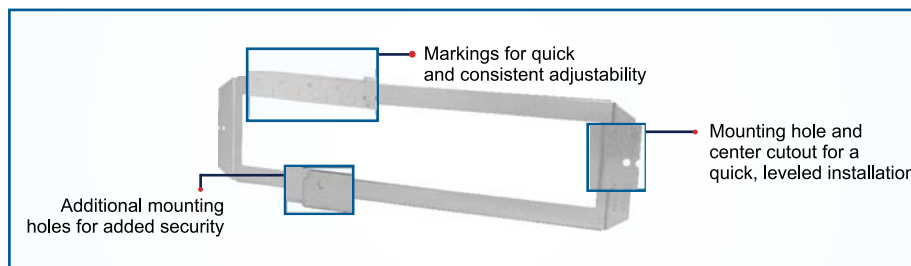


TSB



Extra bend ensures a sturdy design

FEATURES



INSTALLATION



Fits 4", 4-11/16" square, and up to 10-Gang boxes

ADJUSTABLE BAR HANGER

PRODUCT FEATURES

- ▶ Ends bend and wrap around stud
- ▶ Can be used with boxes 1-1/2", 2-1/8" or 2-1/2" deep

**SHIPS
PREASSEMBLED**

Cat. No.	Description	Std. Pkg.
BHA-16	11" to 18" Adjustable Box Bracket - Mount box with self-tapping screws	50
BHA-24	15-3/4" to 26" Adjustable Box Bracket - Mount box with self-tapping screws	50



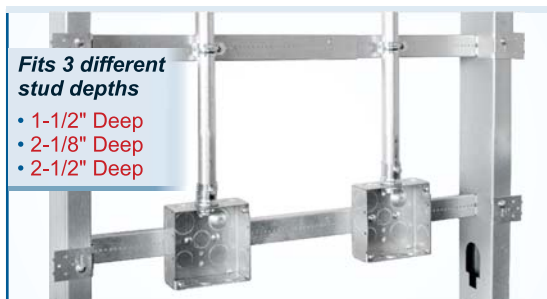
BHA-16



BHA-24

NEW DESIGN

Adjust from 15-3/4" to 26"



*Fits 3 different
stud depths*

- 1-1/2" Deep
- 2-1/8" Deep
- 2-1/2" Deep

BOX AND CONDUIT SUPPORT BETWEEN STUDS USING BHA

BHA-16 adjusts from 11" up to 18"
BHA-24 adjusts from 15-3/4" up to 26"



DROP-ON-BAR SLIDER BRACKETS

PRODUCT FEATURES

- ▶ Quickly attach to any 4" or 4-11/16" square box
- ▶ Easily drops onto Orbit's BHA-16 and BHA-24
- ▶ A BARB and box assembly can easily be repositioned along the hanger
- ▶ Multiple BARB assemblies can be added before and after the BHA is installed
- ▶ Can be fully prefabricated and locked onto the BHA without setting final box position
- ▶ BARB-CS comes complete with cable support pin holes



Video Available
On Our Website!

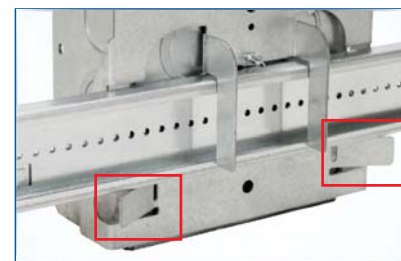
Cat. No.	Description	Std. Pkg.
BARB <small>NEW</small>	Drop-On-Bar Slider Bracket	50
BARB-CS <small>NEW</small>	Drop-On-Bar Slider Bracket with conduit & cable support pin holes	50



NEW BARB



NEW BARB-CS



A BARB and box assembly can be locked onto a BHA before arriving on the job site for quick adjustment in the field.



Attach to a 4" or 4-11/16" box with a single tek screw, forming a versatile box assembly

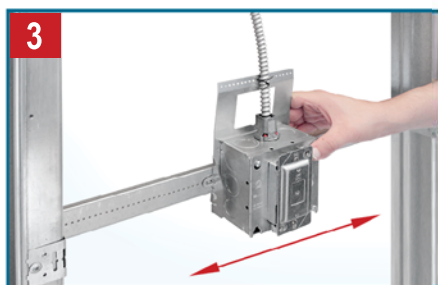


Box assemblies can be prefabricated onto a BHA before arriving to the job site, locking onto the hanger via its bendable tabs

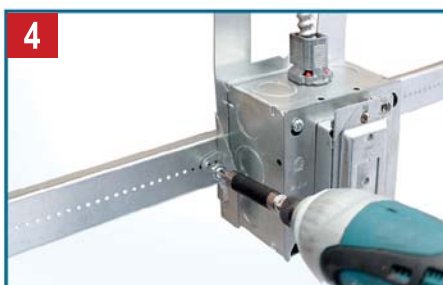
-OR-



For in-field installations, simply drop the box assembly onto a BHA before or after the hanger has been installed



Once the BHA is installed on studs, the box assembly can be adjusted along the hanger



Secure the assembly to the BHA with tek screws, setting the box in place



Multiple box assemblies can be easily added!
Up to 3 between 16" & 4 between 24" studs

ULTIMATE SUPPORT BRACKETS AND ACCESSORIES

PRODUCT FEATURES

- ▶ Can be floor or wall mounted on wooden or metal studs
- ▶ Infinite height and width combinations
- ▶ Provides flexibility at job site
- ▶ Works great with Orbit's Adjustable Rings
- ▶ Markings on bracket allow for quick and consistent adjustability.

NOTE

USB must be accompanied with either US4SB, UMA, UMA-LVBS, WBAR1G or WBAR2G mounting brackets to attach a steel box

Cat. No.	Description	Std. Pkg.
USB	Ultimate Support Bracket, Adj. 8"-24" as a floor brkt or 14"-24" as a wall brkt between studs	12
US4SB	Mounting Bracket for 4" Square Box, snaps to USB	24
UMA	Universal Mounting Adapter for 4" and 4-11/16" Boxes to mount to USB, and directly to stud	25
USDBM	For use with USB to create a double box in floor mount assembly with built-in back support	50
USTBM	For use with USB to create a triple box in floor mount assembly with built-in back support	50
USTS	USB floor mount stud-to-stud top support	50
USB-4SDB-50/75-PT	Complete Pre-Assembled Floor Bracket with a 4" Square 2-1/8" Deep Box, Includes installed Far-Side Back Support and Ground Pigtail	12
USB-5SDB-50/75-PT	Complete Pre-Assembled Floor Bracket with a 4-11/16" Square 2-1/8" Deep Box, Includes installed Far-Side Back Support and Ground Pigtail	12
LVSB1	Low Voltage Stud Mounting Bracket 1-Gang	50
LVSB2	Low Voltage Stud Mounting Bracket 2-Gang	25



USB



US4SB



UMA



LVSB1



LVSB2



USDBM



USTBM



USTS



Adjustable
8" to 24"

USB-4SDB-50/75-PT



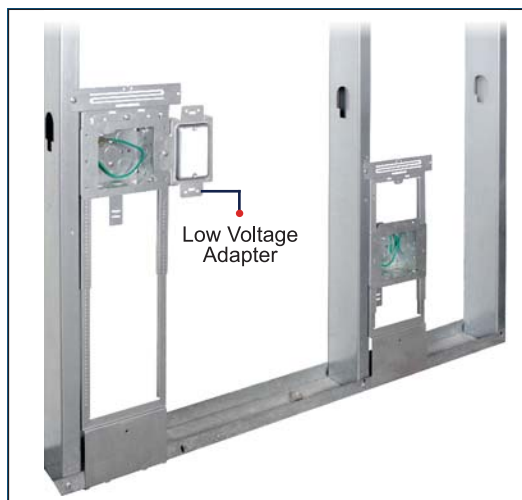
Complete
Prefabricated
Assembly

USB-5SDB-50/75-PT



INSTALLATION VIEWS

PATENTED REVOLUTIONARY SYSTEM



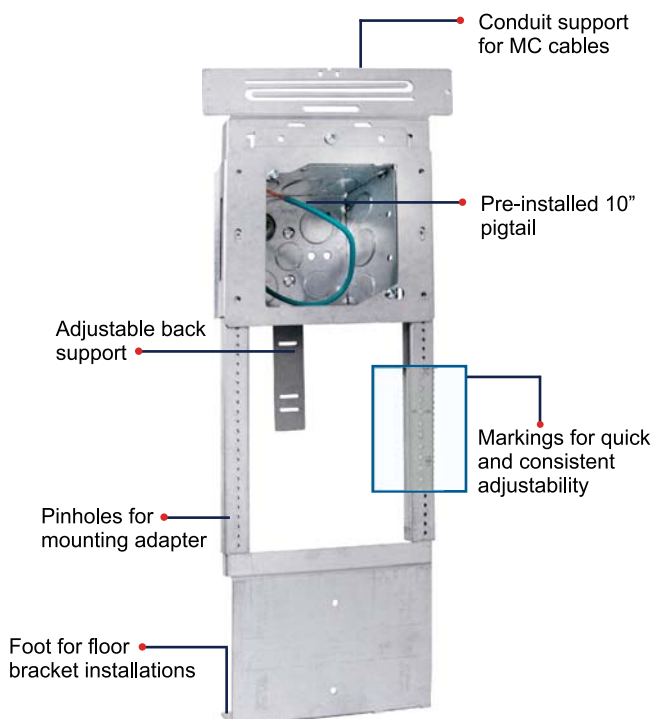
FLOOR BRACKET

Mount vertically at heights 8" to 24" and allows for the installation of the LVSB for low voltage applications



USB ASSEMBLY

USB accessories allow for vertical mounting between studs and 3 box applications using the USTBM



USB WITH ADJUSTABLE RINGS

Use WBAR Series or different adapters to mount boxes to USB
See Page 18 for more information on WBAR Series



FLAT BRACKET FAMILY

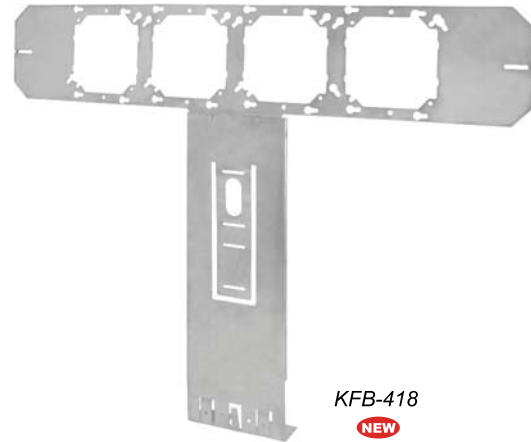
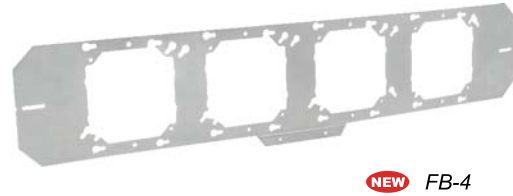
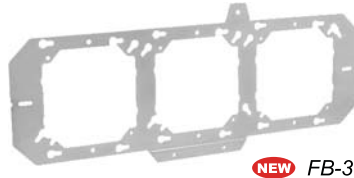
PRODUCT FEATURES

- ▶ Compatible with 4", 4-11/16" and 5" square boxes
- ▶ Allows 5" boxes to use 4" rings, reducing material costs
- ▶ 4" rings can be mounted on their own for low voltage applications using 8/32 screws
- ▶ Low profile design accepts up to 2" fittings
- ▶ Additional width and slotted mounting holes allow for extra flexibility on studs

Fits 5" Square Boxes!

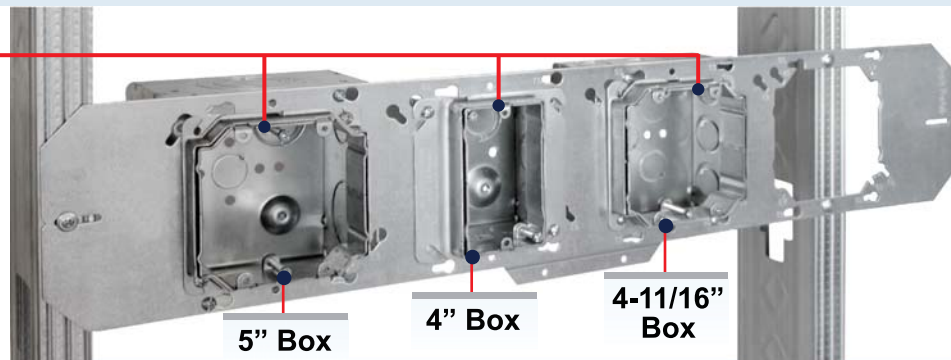


Cat. No.	Description	Std. Pkg.
FB-3 <small>NEW</small>	Flat Box Mounting Bracket, 3-Box Positions for 16" studs	25
FB-4 <small>NEW</small>	Flat Box Mounting Bracket, 4-Box Positions for 24" studs	25
KB-18 <small>NEW</small>	Kick Bracket 1-Box Position 18" height	10
KFB-318 <small>NEW</small>	Flat Bracket 3-Positions with 18" height kick stand for 16" stud	10
KFB-418 <small>NEW</small>	Flat Bracket 4-Positions with 18" height kick stand for 24" stud	10

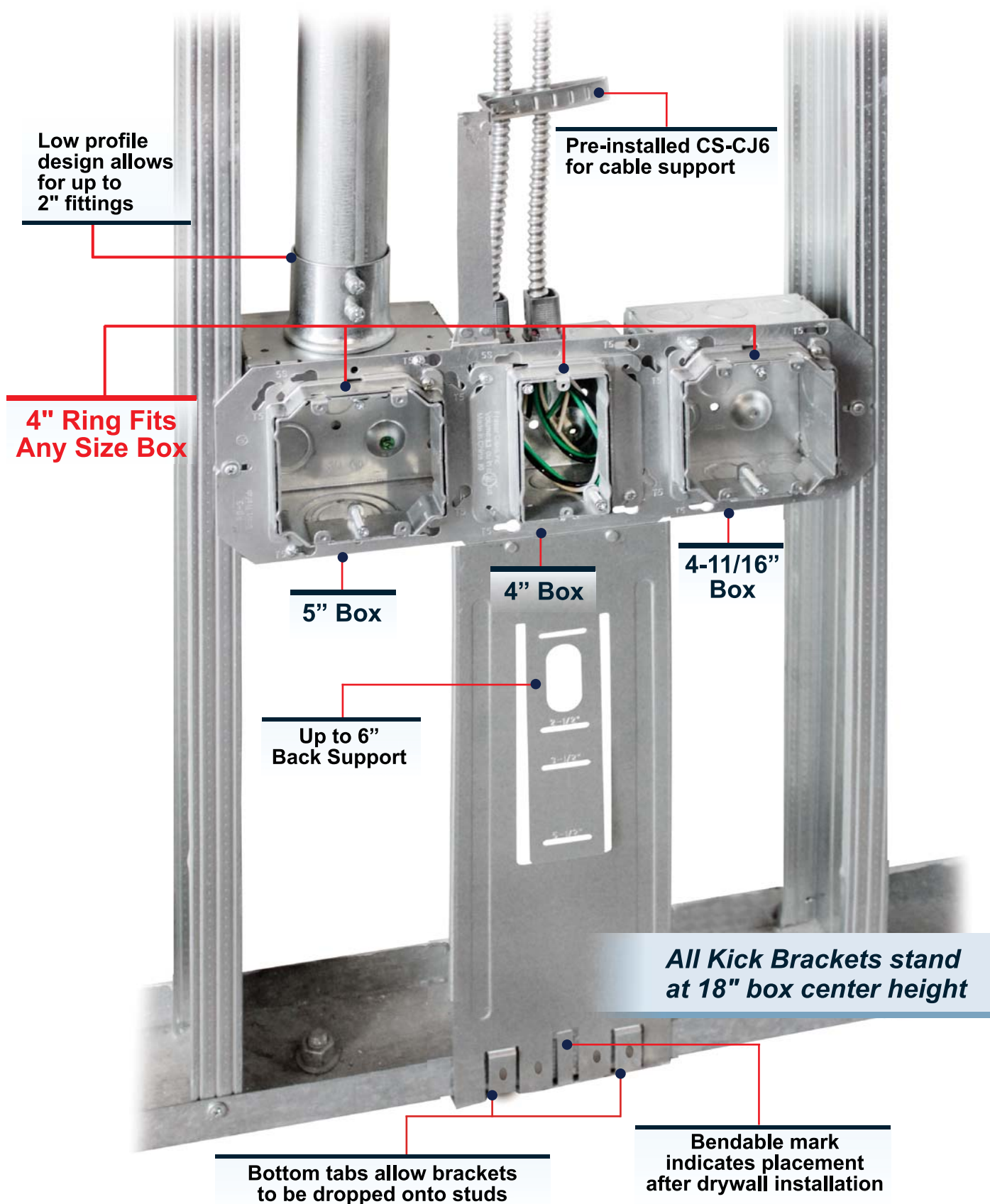


INSTALLATION

4" Ring Fits Any Size Box



The Flat Bracket can be positioned to accommodate irregular stud spacings





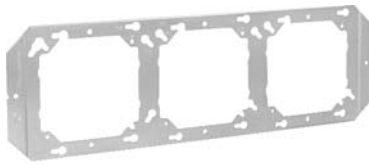
FIXED POSITION BOX MOUNTING BRACKET

PRODUCT FEATURES

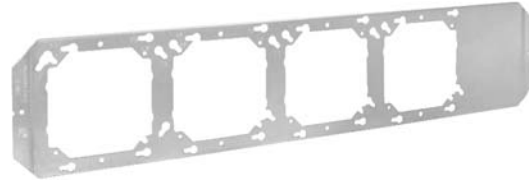
- ▶ Compatible with 4", 4-11/16" and 5" square boxes
- ▶ 4" rings can be mounted on their own for low voltage applications using 8/32 screws
- ▶ Low profile design limits drywall bulging

Fits 5" Square Boxes!

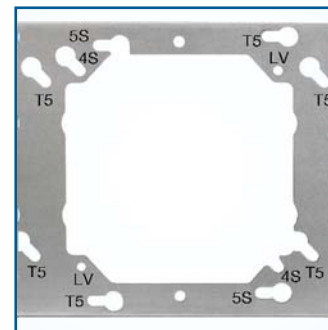
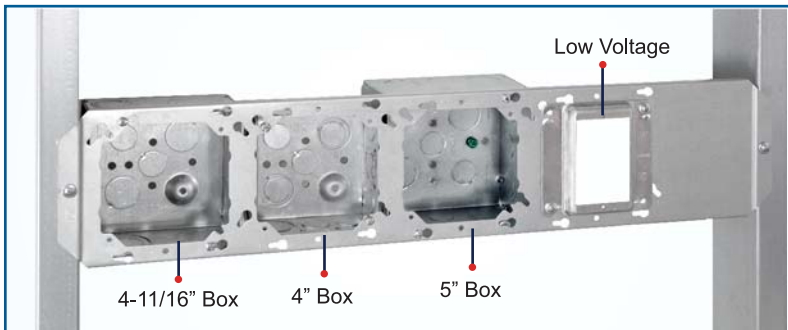
Cat. No.	Description	Std. Pkg.
FMB-16	Fixed Position Box Mounting Bracket for 16" Stud	25
FMB-24	Fixed Position Box Mounting Bracket for 24" Stud	25



FMB-16



FMB-24



FMB INSTALLED ON STUDS

Mount up to 3 boxes between 16" studs with FMB-16 and 4 boxes between 24" with FMB-24

MOUNTING HOLES

Mounting Holes are marked to easily identify box and ring placement

MULTIPLE-BOX BAR HANGER FLAT

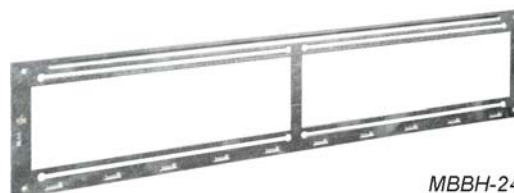
PRODUCT FEATURES

- ▶ Pre-Galvanized 18 Gauge sheet metal
- ▶ Accommodates 4", 4-11/16" square, and multi-gang boxes
- ▶ Allows steel boxes to adjust easily horizontally along the bracket
- ▶ Reduces assembly time on job site

Cat. No.	Application	Dimensions (W x L)	Std. Pkg.
MBBH-16	For 16" stud spacing	6" x 16"	50
MBBH-24	For 24" stud spacing	6" x 24"	50



MBBH-16



MBBH-24



Shown installed with both 4" and 4-11/16" square boxes

UNIVERSAL MOUNTING ADJUSTABLE BOX

PRODUCT FEATURES

- ▶ Adjustable from 0" to 1-1/2"
- ▶ Allows for direct-to-stud installations
- ▶ Compatible with the SSB and SSB-TBAR for between stud and overhead installations (Pg. P1)



**SHIPS
PREASSEMBLED**

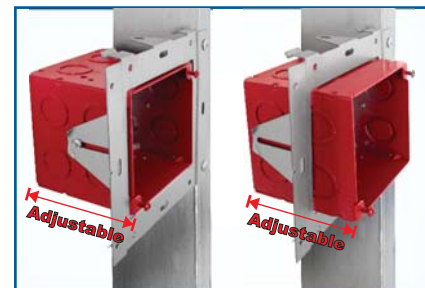
Cat. No.	Description	Std. Pkg.
UMAB	4" Square Box 3-1/2" Deep, Adjustable Up to 1-1/2". Adapter Included	10
FA-UMAB	Fire Alarm 4" Square Box 3-1/2" Deep, Adjustable Up to 1-1/2". Adapter Included	10



UMAB

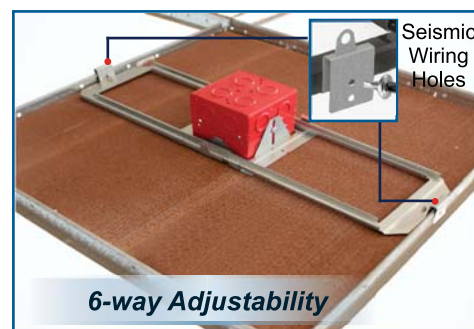


FA-UMAB



DIRECT-TO-STUD

Guided-slots on each side allow the box to be easily adjusted by simply loosening the screws.
Adjustable 0" to 1-1/2"



BETWEEN WALL STUDS

Use SSB to mount **FA-UMAB** anywhere in between wall stud cavities

BETWEEN DRYWALL CEILING JOISTS

Use SSB to mount **FA-UMAB** between ceiling joists

SUSPENDED/DROP CEILING GRID

Use SSB-TBAR to mount **FA-UMAB** in T-bar drop ceiling grids

BOX MOUNTING ADAPTER

PRODUCT FEATURES

- ▶ Mounts to 4" and 4-11/16" square boxes
- ▶ Adjustable Back Support helps maintain rigidity when installed
- ▶ Low profile design limits drywall bulging
- ▶ For use with metal or wood studs

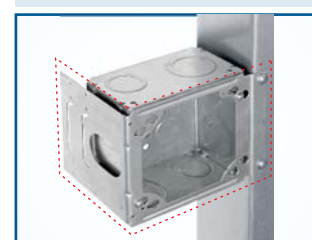
Cat. No.	Description	Std. Pkg.
BMA-23	Box Mounting Adapter with 3-1/2" & 2-1/2" Far Side Support	25
BMA-4	Box Mounting Adapter with Far Side Support up to 4"	25



BMA-23



BMA-4



DIRECT-TO-STUD

BMA allows for boxes to be mounted directly-to-stud



HEIGHT ADJ. BOX INSTALL TOOL

PRODUCT FEATURES

- Features an adjustable and magnetic platform
- Platform can be preset at a specific height for a consistent box and bracket installation
- Compatible with all Orbit Stud Brackets

**2017 NECA
Show
Stopper**



**ORBIT INDUSTRIES
EXCLUSIVE**



**Video Available
On Our Website!**

Cat. No.	Description	Std. Pkg.	Mst. Ctn.
HABIT <small>NEW</small>	Height Adjustable Box Installation Template	1	4



Front View

NEW



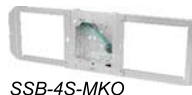
Back View

NEW

Pg.01



SSB



SSB-4S-MKO



SSB-5S-MKO

Pg.03



TSB



BHA

Pg.07



FB-3



FB-4

Pg.09



FMB



MBBH

*Compatible with all of
Orbit's Stud Brackets*

HABIT INSTALLATION

*Tool-free stackability for
switch and receptacles!*

Adjusts from
27" up to ~49"
box center

Adjusts up
to ~21"
box center



Bubble Leveler



Adjustable via
hand nuts



Magnets hold
box and bracket



ROOF COUPLING PLATES

PRODUCT FEATURES

- ▶ Suitable in any type of new or old work roof construction
- ▶ Allows conduit to run below the roof line, eliminating the need to spend time derating
- ▶ Different conduit stubs can be prefabricated to plate
- ▶ Maintains roof integrity by reducing support penetrations
- ▶ Can be used for through floor conduit penetrations



Video Available
On Our Website!

Cat. No.	Trade Size	Base Plate Size	Base Plate Thickness	Std. Pkg.
RCP-50 NEW	1/2"	6" x 6"	0.064"	20
RCP-75 NEW	3/4"	6" x 6"	0.064"	20
RCP-100 NEW	1"	6" x 6"	0.064"	20
RCP-125 NEW	1-1/4"	6" x 6"	0.064"	10
RCP-150 NEW	1-1/2"	8" x 8"	0.074"	10
RCP-200 NEW	2"	8" x 8"	0.074"	10



RCP INSTALLATION



EASY TRANSITION

The RCP Series allows for an easy transition of different conduit types to suit your application

STEADY SUPPORT

Once fastened, conduit movement is eliminated up to 5' above and below the roof line



*Perfect for control, fire alarm,
service receptacles and power
to electrical equipment
installation on roofs*

RECESSED LIGHT ADAPTER PLATES

PRODUCT FEATURES

- ▶ Available for Hard Lid (RAP) and T-Bar (RAP-T) applications
- ▶ Multiple CKOs accommodate most 4" up to 8" round and up to 5-1/4" square downlights
- ▶ Can be easily preassembled for a quicker job site install
- ▶ A faster installation than bar hangers and recessed fixture brackets



Video Available
On Our Website!

Cat. No.	Description	Std. Pkg.
RAP <small>NEW</small>	Recessed Lighting Fixture Adapter Plate for hard lid applications	10
RAP-T <small>NEW</small>	Recessed Lighting Fixture Adapter Plate for T-Bar	10



NEW RAP



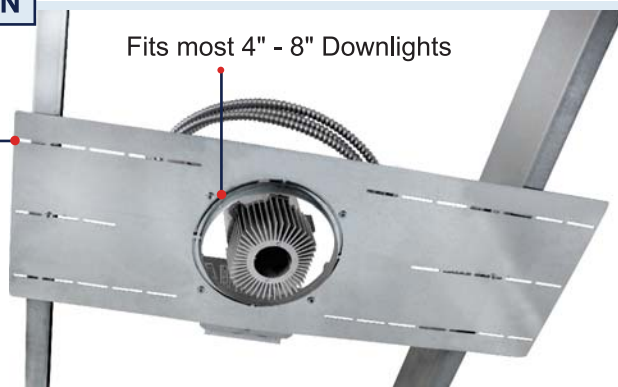
NEW RAP-T

Installs up to 4x FASTER than traditional methods!

RAP INSTALLATION

Slotted holes for easier installations

Fits most 4" - 8" Downlights

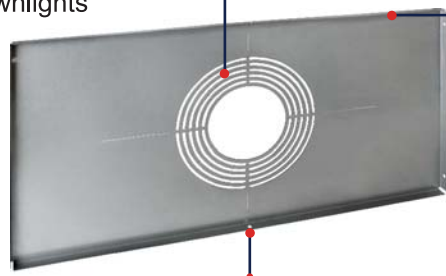


Offset to account for irregular stud spacing

Fits up to 26" stud spacing

RAP-T INSTALLATION

Fits most 4" - 8" Downlights



Seismic Wiring Holes on Each Side

Flanges provide extra rigidity and pre-drilled holes for mounting

Fits most 2' wide T-Bar grids



RAP-T installed in T-Grid Ceiling

Flip RAP-T for Oversized Downlights

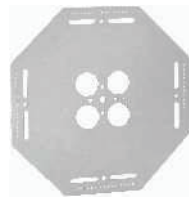
BOX AND CONDUIT HANGER SUPPORT PLATES

PRODUCT FEATURES

- ▶ Pre-Galvanized 16 Gauge Steel
- ▶ No cutting required
- ▶ Pin holes and slots allow for use of conduit straps
- ▶ Self-reinforcing as more conduit is added
- ▶ Requires only one rod for installation
- ▶ Stamped markings provide guide lines
- ▶ Easy to preassemble to save time and material



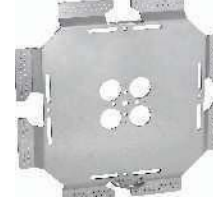
Cat. No.	Description	Std. Pkg.
BCHS-10	Fits up to 8" x 8" Box for horizontal mounting	25
BCHS-6	Fits up to 8" x 8" Box for horizontal mounting and provides bent tabs for vertical mounting	10
BCHS-6S	Fits up to 8" x 8" Box for horizontal mounting, provides bent tabs for vertical mounting and offsets allow for use of one-hole straps	10
BCHS-12	Fits up to 12" x 12" Box or multiple small sized boxes for horizontal mounting and provides bent tabs for vertical mounting	5



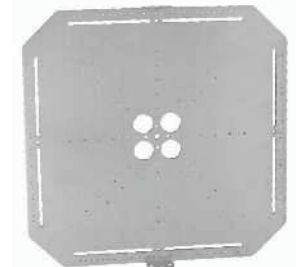
BCHS-10



BCHS-6



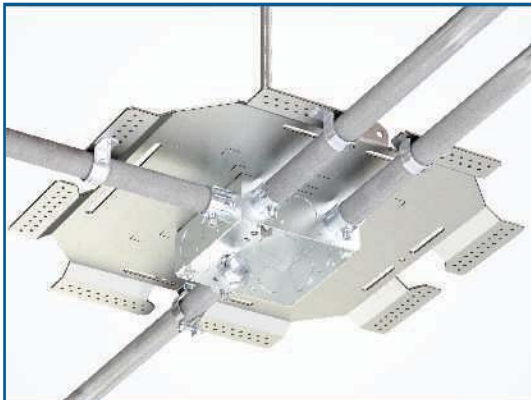
BCHS-6S



BCHS-12

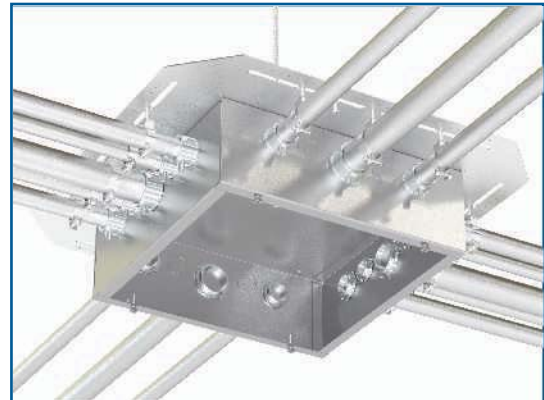
Use One Rod to Mount Multiple Boxes and Conduits

INSTALLATION



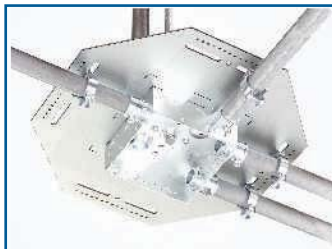
BCHS-6S

Allows for use of one-hole strap



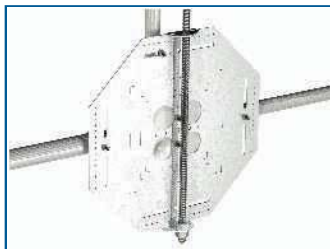
BCHS-12

12" x 12" NEMA installed



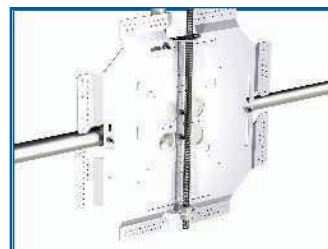
BCHS-10

Horizontally mount boxes up to 8" x 8"



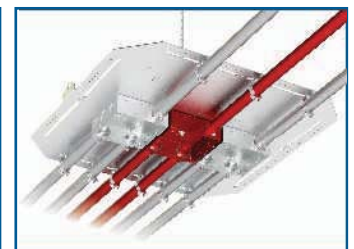
BCHS-6

Horizontally or vertically mount boxes up to 8" x 8"



BCHS-6S

Horizontally or vertically mount boxes up to 8" x 8" and allows for the use of one-hole straps



BCHS-12

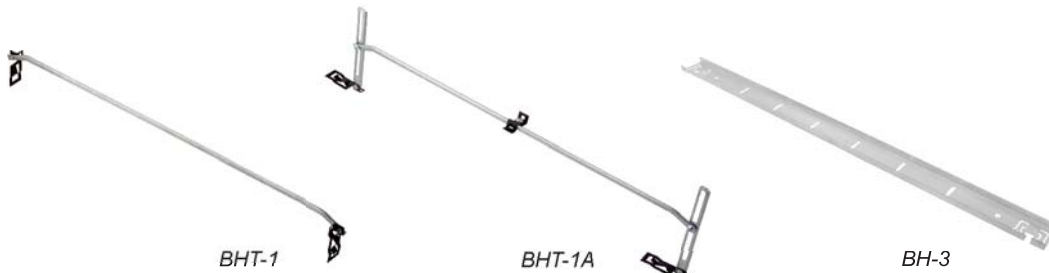
Fits multiple boxes for multi-system installations

FIXED BAR HANGERS

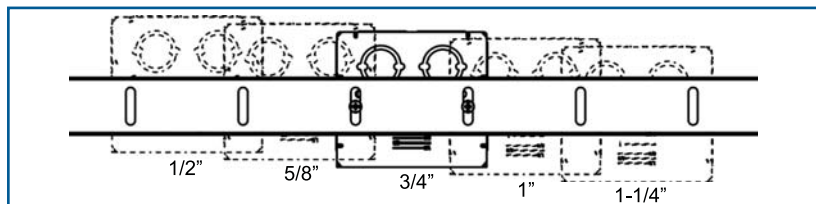
PRODUCT FEATURES

- ▶ Steel
- ▶ Electroplated Zinc
- ▶ For Stud and T-Bar

Cat. No.	Description	Std. Pkg.
BHT-1	24" T-Bar bracket for use with boxes 1-1/2" or 2-1/8" deep	50
BHT-1A	24" T-Bar bracket - 8" height adjustable	50
BH-3	Straight bracket for mounting architectural recess lights 25-1/4" long with notches 24" apart for use on T-Bar	50



FEATURES & INSTALLATION



BH-3 FEATURES

Adjust vertically from 1/2" to 1-1/4" between 5 different positions



6-WAY ADJUSTABLE T-BAR HANGER

The BH-3 is ideal for recessed lighting applications, fire alarm device installation, and LED retrofit lighting applications. Compatible with Orbit's 4SEDB-CKO and FA-4SEDB-CKO.

BH-3 FEATURES

Secure to T-Bar using bending tabs to comply with NEC 314.23 (D)(1)(2)

4SDB-BP

4" SQUARE DEEP BOX

WELDED

2-1/8" DEEP

42.0 Cu. In.

WITH RAISED GROUND EMBOSS

PRODUCT FEATURES

- ▶ Can be mounted without having to access the inside of the box itself
- ▶ Flat back plate allows pre-wiring of box with device/cover before shipping to the field

Cat. No.	Description	Knockouts		Std. Pkg.
		Sides	Bottom	
4SDB-BP NEW	4SDB-MKO-PT with Back Plate, 7" Pigtail	1/2" & 3/4" MKOs	-	24



NEW 4SDB-BP



Mount to ceilings, walls, corrugated surfaces, or underneath counters

EASY ACCESS LIGHTING BOXES 2-1/8" DEEP 30.3 Cu. In.

PRODUCT FEATURES

- ▶ Fast and efficient installations
- ▶ Sliding cover plate for one person installations
- ▶ Available with either standard or swivel sliding cover plate
- ▶ Swivel reduces damage to hanging fixtures when struck
- ▶ Complies with NEC 314.27 (A)(D) for up to 90 lbs. of fixture load

Cat. No.	Description	Dimensions (W x H)	Knockouts		Std. Pkg.
			Sides	Bottom	
EALB	Easy Access Lighting Box	4" X 4"	4 - CKO	3 - 1/2", 1 - 3/4"	50
EALBS	Easy Access Lighting Box with Sliding Swivel	4" X 4"	4 - CKO	3 - 1/2", 1 - 3/4"	10

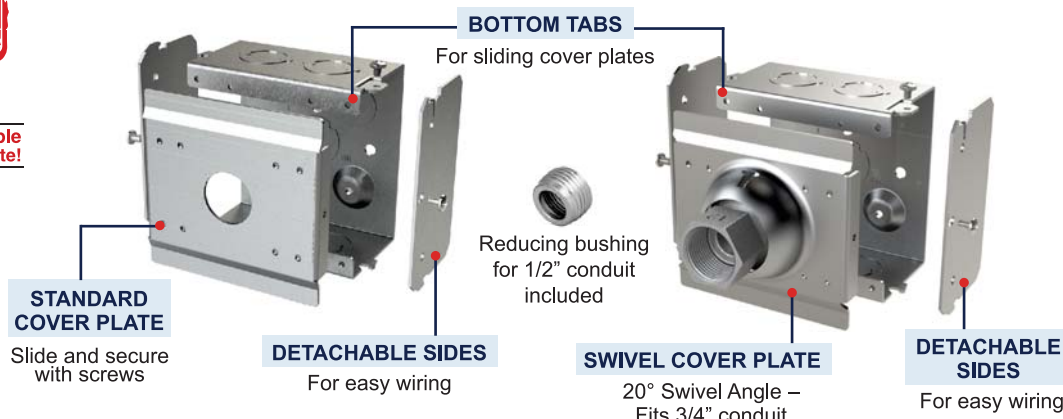


EALB

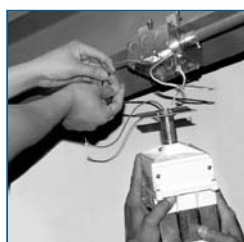


EALBS

Only box UL-Listed for up to 90lbs of fixture load!



**50%
LABOR
SAVINGS**



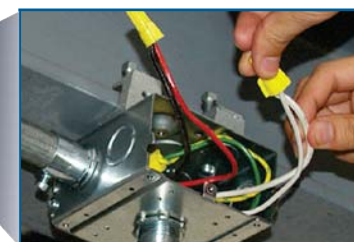
TRADITIONAL METHOD

Requires two installers



WITH ORBIT'S EALB/S

Only one installer



EZ-HANG BOX 4-11/16" SQUARE BOX DRAWN 2-1/8" DEEP 42.0 Cu. In. WITH RAISED GROUND EMBOSS

PRODUCT FEATURES

- ▶ Back-center KO is replaced with a 0.27" diameter back-center hole
- ▶ Back-center hole allows for use of 1/4" rod for suspended applications
- ▶ No washer is needed, allowing for a fast and efficient installation

Cat. No.	Description	Knockouts		Std. Pkg.
		Sides	Bottom	
D5SDB-CKO-S	4-11/16" Sq. Drawn Special Box with CKO	2 - 1/2", 10 - CKO	3 - 3/4"	24



D5SDB-CKO-S



Secure box to ceiling with just a 1/4" rod and locknut



ADJUSTABLE RINGS

PRODUCT FEATURES

- For use with 4" and 4-11/16" square deep boxes
- 1/4" to 1-1/4" adjustability range
- Rings achieve a flush finish every time
- Compatible with exclusive extensions for infinite wall depths

U.S. PATENT NO.:

7,468,486


**Video Available
On Our Website!**

Cat. No.	Description	Standard	With One Extension Installed		Std. Pkg.
			+1GX75	+2GX75	
4SAR1G	1-Gang Adjustable Ring for 4" Sq. Deep Boxes	1/4" to 1-1/4"	1" to 2"	-	25
4SAR2G	2-Gang Adjustable Ring for 4" Sq. Deep Boxes	1/4" to 1-1/4"	-	1" to 2"	25
5SAR1G	1-Gang Adjustable Ring for 4-11/16" Sq. Deep Boxes	1/4" to 1-1/4"	1" to 2"	-	25
5SAR2G	2-Gang Adjustable Ring for 4-11/16" Sq. Deep Boxes	1/4" to 1-1/4"	-	1" to 2"	25



4SAR1G



4SAR2G



5SAR1G



5SAR2G



ACCESSIBLE ADJUSTABILITY

Corner screws are easily accessible for adjustment before and after the device has been installed

EXTENSIONS AND ACCESSORIES

PRODUCT FEATURES

- Extensions ensure flush finish regardless of wall thickness
- Attach to adjustable ring for additional 3/4" of depth
- Mount easily to ring with two 8-32 screws
- Multiple extensions can be installed on one ring

U.S. PATENT NO.:

7,468,486



Cat. No.	Description	For Use With	Std. Pkg.
1GX75	1-Gang 3/4" Extension	4SAR1G, 5SAR1G, or WBAR1G Only	50
2GX75	2-Gang 3/4" Extension	4SAR2G, 5SAR2G, or WBAR2G Only	50
UPC	Gangable, Steel Universal Protective Cover protects any device during drywall, painting, routing, mudding & plastering		25
UPCTS	Optional Plastic Insert for UPC to protect Toggle Switch		25



1GX75



2GX75



UPC



UPCTS



Complete UPC Assembly Shown
Installed with Toggle Switch

STUD MOUNTING ADJUSTABLE RINGS

PRODUCT FEATURES

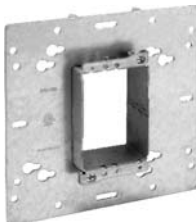
- Accepts 4" or 4-11/16" square boxes in line voltage applications
- Mount to any stud, shear wall, 6" X 6" NEMA 1 enclosure, Simple Support Bracket (Pg. P1) or Ultimate Support Bracket (Pg. P5)
- Can be used standalone for low voltage communications applications

U.S. PATENT NO.:

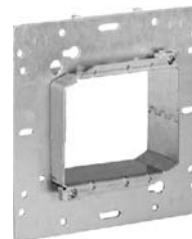
7,468,486



Cat. No.	Description	Standard	With One Extension Installed		Std. Pkg.
			+1GX75	+2GX75	
WBAR1G	1-Gang Universal Box Bracket	1/4" to 1-1/4"	1" to 2"	-	25
WBAR2G	2-Gang Universal Box Bracket	1/4" to 1-1/4"	-	1" to 2"	25



WBAR1G



WBAR2G



WBAR on the 6" x 6" NEMA Enclosure



Mount 4" & 4-11/16" Square Boxes directly to stud

UL-APPROVED ADJUSTABLE RINGS

PRODUCT FEATURES

- Can be adjusted on the jobsite for a quick installation
- Adjusts to achieve a flush finish every time
- Patented design provides strong electrical and mechanical connections to meet UL requirements
- *For Fixture/Luminaire Support of 50 lbs or less

INDUSTRY'S ONLY
UL LISTED

4-11/16" SQ.
ADJ. RINGS

Cat. No.	Description	Adjustability Range	Std. Pkg.
4AR1G-58	1-Gang Adjustable Ring for 4" Square Deep Boxes	5/8" to 1-1/4"	25
4AR1G-34	1-Gang Adjustable Ring for 4" Square Deep Boxes	3/4" to 1-1/2"	25
4AR2G-58	2-Gang Adjustable Ring for 4" Square Deep Boxes	5/8" to 1-1/2"	25
5AR1G-58 NEW	1-Gang Adjustable Ring for 4-11/16" Square Deep Boxes	5/8" to 1-1/4"	25
5AR2G-58 NEW	2-Gang Adjustable Ring for 4-11/16" Square Deep Boxes	5/8" to 1-1/2"	25
*4ARR-34	Round Adjustable Ring for 4" Square Deep Boxes	3/4" to 1-1/2"	25
3GAR-34	3-Gang Adjustable Ring	3/4" to 1-1/2"	25



4AR1G-58



4AR1G-34



4AR2G-58

**NEW** 5AR1G-58**NEW** 5AR2G-58

4ARR-34



3GAR-34



4-11/16" SQUARE DEEP BOXES

WELDED 2-1/8" DEEP

42.0 Cu. In.
WITH METAL CLAD (BX/MC)
CABLE CLAMPS

BX/MC CLAMP

- ▶ All MC series boxes are suitable for use with MCAP™-Aluminum
- ▶ MCAP is a trademark of Southwire Company

METAL STUD BRACKET

- ▶ U.S. Patent No.: 8,262,043
- ▶ Metal Stud (MS) Bracket engages on either side of a Metal Stud
- *Model Revised Feb. 2008

Acceptable for use in 2-hour fire rated walls

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
5SDB-MC	-	6 - MKO, 4 - Loom	3 - 1/2", 2 - 3/4"	24
5SDB-MC-FB	FB, Flush	3 - MKO, 4 - Loom	3 - 1/2", 2 - 3/4"	24
5SDB-MC-MS*	MS, Self-Gripping + Box Support Clip	3 - MKO, 4 - Loom	2 - MKO, 3 - 1/2"	24
5SDB-MC2-MS*	MS, Self-Gripping + Box Support Clip	1 - MKO, 8 - Loom	1 - MKO	24



5SDB-MC



5SDB-MC-FB



BX/MC Clamp



5SDB-MC-MS*



5SDB-MC2-MS*



5SDB-MC2-MS* on Metal Stud

4" SQUARE DEEP BOXES

WELDED 2-1/8" DEEP

30.3 Cu. In.
WITH METAL CLAD (BX/MC)
CABLE CLAMPS

BX/MC CLAMP

- ▶ All MC series boxes are suitable for use with MCAP™-Aluminum
- ▶ MCAP is a trademark of Southwire Company

METAL STUD BRACKET

- ▶ U.S. Patent No.: 8,262,043
- ▶ Metal Stud (MS) Bracket engages on either side of a Metal Stud
- *Model Revised Feb. 2008

BOXES WITH PICTAIL

Pre-Assembled 3-Way,
10-32 Ground Screw and
Solid Cu #12AWG 7" Pigtail

Acceptable for use in 2-hour fire rated walls

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SDB-MC	-	4 - 1/2", 2 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-MC-PT	-	4 - 1/2", 2 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-MC-B	B, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-MC-FB-PT	FB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-MC-MS-PT*	MS, Self-Gripping	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-MC-WB	WB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24



4SDB-MC



4SDB-MC-PT



4SDB-MC-B



4SDB-MC-FB-PT



4SDB-MC-MS-PT*



4SDB-MC-WB

4" SQUARE DEEP BOXES

WELDED

1-1/2" DEEP

21 Cu. In.

WITH METAL CLAD (BX/MC)
CABLE CLAMPS

BX/MC CLAMP

- ▶ All MC series boxes are suitable for use with MCAP™-Aluminum
- ▶ MCAP is a trademark of Southwire Company

METAL STUD BRACKET

- ▶ U.S. Patent No.: 8,262,043
- ▶ Metal Stud (MS) Bracket engages on either side of a Metal Stud

*Model Revised Feb. 2008

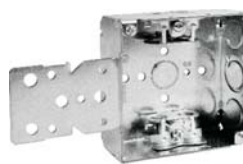
BOXES WITH PICTAIL

Pre-Assembled 3-Way,
10-32 Ground Screw and
Solid Cu #12AWG 7" Pigtail

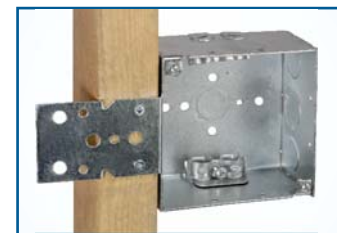
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SB-MC-PT	-	4 - 1/2", 2 - MKO, 4-Loom	1 - 1/2"	50
4SB-MC-B	B, Flush	2 - 1/2", 1 - MKO, 4-Loom	1 - 1/2"	24
4SB-MC-FB-PT	FB, Flush + 7" Pigtail	2 - 1/2", 1 - MKO, 4-Loom	1 - 1/2"	24
4SB-MC-WB	WB, Flush	2 - 1/2", 1 - MKO, 4-Loom	1 - 1/2"	24
4SB-MC-MS-PT*	MS + Box Support Clip + 7" Pigtail	2 - 1/2", 1 - MKO, 4-Loom	1 - 1/2"	24



4SB-MC-PT



4SB-MC-B



4SB-MC-B on Wood Stud



4SB-MC-FB-PT



4SB-MC-WB



4SB-MC-MS-PT*

ADDITIONAL BOXES WITH PIGTAIL

BOXES WITH PICTAIL

Pre-Assembled 3-Way,
10-32 Ground Screw and
Solid Cu #12AWG 7" Pigtail



Pre-Assembled Ground
Screw and Pigtail

Cat. No.	Mfg. Process	Dimension WxHxD	Cu. Inch	Knockouts		Std. Pkg.
				Sides	Bottom	
5SDB-MKO-PT	Welded	4-11/16" x 4-11/16" x 2-1/8"	42.0	2 - 1/2", 10 - MKO	2 - 1/2", 2 - MKO	24
4SDB-MKO-PT	Welded	4" x 4" x 2-1/8"	30.3	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
4SB-MKO-PT	Welded	4" x 4" x 1-1/2"	21.0	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	50
D4SB-50/75-PT	Drawn	4" x 4" x 1-1/2"	21.0	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	50
D4SB-75-PT	Drawn	4" x 4" x 1-1/2"	21.0	8 - 3/4"	2 - 1/2", 2 - 3/4"	50
DHB3-PT	Drawn	5-3/4" x 4" x 2-1/8"	44.0	4 - 1/2", 6 - CKO	2 - 1/2", 2 - 3/4"	25



5SDB-MKO-PT



4SDB-MKO-PT



4SB-MKO-PT



D4SB-50/75-PT



D4SB-75-PT



DHB3-PT

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour fire rated walls

4-11/16" SQUARE BOXES**WELDED****2-1/8" DEEP**

42.0 Cu. In.

WITH RAISED GROUND EMBOSS**BOXES WITH PICTAIL**

Pre-Assembled 3-Way,
10-32 Ground Screw and
Solid Cu #12AWG 10" Pigtail

BSA

- ▶ Pre-installed Back Support Arm provides support for studs up to 6" deep
- ▶ Great for prefab applications

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
5SDB-50/75-PT-BSA	Back Support Arm	8 - 1/2", 4 - 3/4"	3 - 3/4"	24
5SDB-50/75-AB-PT-BSA	AB, Flush, Back Support Arm	6 - 1/2", 3 - 3/4"	3 - 3/4"	24



5SDB-50/75-PT-BSA



5SDB-50/75-AB-PT-BSA



Adjustable Back Support Arm

4" SQUARE DEEP BOXES**WELDED****2-1/8" DEEP**

30.3 Cu. In.

WITH RAISED GROUND EMBOSS**BOXES WITH 10" PICTAIL**

Pre-Assembled 3-Way,
10-32 Ground Screw and
Solid Cu #12AWG 10" Pigtail

BSA

- ▶ Pre-installed Back Support Arm provides support for studs up to 6" deep
- ▶ Great for prefab applications

Extensions and additional
Adjustable Rings
available on page 17-18

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SDB-50/75-PT-BSA	With Back Support	8 - 1/2", 4 - 3/4"	1 - 1/2", 2 - 3/4"	24
4SDB-50/75-AB-PT-BSA	With Back Support + AB Bracket	6 - 1/2", 3 - 3/4"	1 - 1/2", 2 - 3/4"	24
4SDB-MKO-PT-BSA	With Back Support	8 - 1/2", 4 - MKO	1 - 1/2", 2 - MKO	24
4SDB-MKO-AB-PT-BSA	With Back Support + AB Bracket	6 - 1/2", 3 - MKO	1 - 1/2", 2 - MKO	24
4SDB-MKO-AR1G	4SDB-MKO-AB-PT-BSA + 1G Adj. Ring	6 - 1/2", 3 - MKO	1 - 1/2", 2 - MKO	24
4SDB-MKO-AR2G	4SDB-MKO-AB-PT-BSA + 2G Adj. Ring	6 - 1/2", 3 - MKO	1 - 1/2", 2 - MKO	24



4SDB-50/75-PT-BSA



4SDB-MKO-PT-BSA



4SDB-50/75-AB-PT-BSA



4SDB-MKO-AB-PT-BSA



4SDB-MKO-AR1G



4SDB-MKO-AR2G

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour fire rated walls

4-11/16" SQUARE LARGE CAPACITY BOXES

WELDED

2-1/2" DEEP

49.4 Cu. In.

WITH RAISED GROUND EMBOSS & TWO #8-32 x 1/2" MOUNTING SCREWS

PRODUCT FEATURES

Suitable for Datacom & Electrical Applications

Available in Blue for Data Applications as the B-5SLB. See (Pg. P24)



Cat.
No.

5SLB-2MKO

Knockouts

Sides

Bottom

4 - 3/4" & 1" MKO,
4 - 1" & 1 - 1/4" MKO

2 - 1/2", 2 - 3/4"

Std.
Pkg.

24



5SLB-2MKO



5SLB-2MKO Shown Installed



5SLB-2MKO, 52058 & 5SLP-200 Shown Installed

4-11/16" SQUARE BOXES LOW-VOLTAGE PARTITIONS

PRODUCT FEATURES

Steel Partitions allows for multi-system installations inside junction box

Cat.
No.

Description

For Use with
2-Gang Rings:

Std.
Pkg.

5SDP-100

For use with 2-1/8" Deep Boxes

Flat, 1/4", 1/2", 3/4", 1"

25

5SDP-200

For use with 2-1/8" Deep Boxes

5/8", 1-1/4", 1-1/2", 1-3/4", 2"

25

5SLP-100

For use with 2-1/2" Deep Boxes

Flat, 1/4", 1/2", 3/4", 1"

25

5SLP-200

For use with 2-1/2" Deep Boxes

5/8", 1-1/4", 1-1/2", 1-3/4", 2"

25

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour fire rated walls



5SDP-100



5SDP-200



5SLP-100



5SLP-200

PROFAB

ENGINEERED ELECTRICAL SYSTEMS

NEW



For more information on Orbit's Engineered Electrical Systems, email info@orbitprofab.com

A Division of **orbit**

TRUE 5" SQUARE BOXES

WELDED 3-1/4" DEEP

75.6 Cu. In.
WITH RAISED GROUND EMBOSS

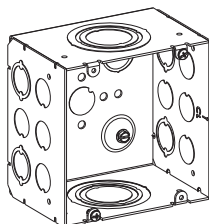
PRODUCT FEATURES

- ▶ More than double capacity compared to 4" square boxes
- ▶ Extra space easily meets minimum bend radius for easier installations
- ▶ Increased space reduces short circuits and ground faults due to space and cable stress
- ▶ Supports all current copper CAT and fiber optic cables as well as predicted increases

Cat. No.	Description	Sides	Bottom	Std. Pkg.
T5B-50/200 NEW	True 5" Square Box, 1/2" KO & 2" MKO	2 - 1" to 2" CKOs 4 - 1/2" & 3/4" CKOs 8 - 1/2" KO	1 - 1/2" & 3/4" MKOs 1 - 3/4" & 1" MKOs 1 - 1/2" KO	12
T5B-200 NEW	True 5" Square Box	2 - 1" to 2" CKOs 2 - 1" & 1-1/4" MKOs 2 - 1/2" & 3/4" MKOs	1 - 1/2" & 3/4" MKOs 1 - 3/4" & 1" MKOs 1 - 1/2" KO	12



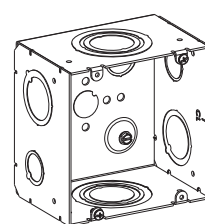
T5B-50/200
NEW



T5B-50/200
5" x 5" x 3-1/4"



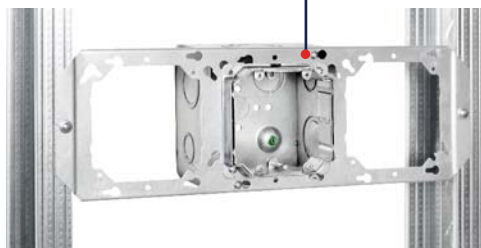
T5B-200
NEW



T5B-200
5" x 5" x 3-1/4"

INSTALLATION

Brackets allow for 4" ring compatibility!



INSTALLED ON FMB-16

FMB-16 Shown Installed
True 5" Sq. Box Brackets on page P7-9



INSTALLED ON UMA-LVBS

UMA-LVBS Shown Installed
Dual-direction Stud Mount Bracket on page P1



REDUCER

Use 4" Rings on
True 5" Boxes with T5R

5" SQUARE BOXES ACCESSORIES

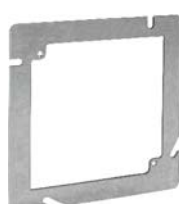
PRODUCT FEATURES

Steel Partitions allows for multi-system installations inside junction box

Cat. No.	Description	For Use with 2-Gang Rings:	Pkg.
T5C NEW	True 5" Blank Cover		50
T5R NEW	True 5" Reducer Cover, 4" Sq Opening		50
T5P-100 NEW	True 5" Square Box Partition For 3-1/4" Deep Boxes	Flat to 1"	25
T5P-200 NEW	True 5" Square Box Partition For 3-1/4" Deep Boxes	5/8", 1-1/4" to 2"	25



NEW T5C



NEW T5R



NEW T5P-100



NEW T5P-200



**LARGE CAPACITY
DATA BOXES**
WELDED
WITH RAISED GROUND EMBOSS

PRODUCT FEATURES

- ▶ Provides easy identification of products containing cabling of Data Systems
- ▶ Prevents need for repainting
- ▶ Increased space reduces short circuits and ground faults due to space and cable stress
- ▶ Durable Blue Powder Coat Finish

B-5SLB available unpainted as the 5SLB-2MKO. (Pg.22)

Cat. No.	Description	Sides	Bottom	Std. Pkg.
B-T5B <small>NEW</small>	Blue True 5" Square Box	2 - 1" to 2" CKOs 2 - 1" & 1-1/4" MKOs 2 - 1/2" & 3/4" MKOs	1 - 1/2" & 3/4" MKOs 1 - 3/4" & 1" MKOs 1 - 1/2" KO	12
B-5SLB <small>NEW</small>	Blue 4-11/16" Large Capacity Square Box	4 - 3/4" & 1" MKO 4 - 1" & 1 - 1/4" MKO	2 - 1/2", 2 - 3/4"	24
B-T5C <small>NEW</small>	Blue True 5" Blank Cover	-	-	50
B-5BC <small>NEW</small>	Blue 4-11/16" Blank Cover	-	-	50



B-T5B
NEW



B-5SLB
NEW



B-T5C
NEW



B-5BC
NEW

Prefab Products

UP TO 100% MORE SPACE

**EASILY FITS CURRENT CABLE BEND RADIUS
REQUIREMENTS AND FUTURE INCREASES**

With the introduction of the Blue Boxes,
Orbit now features a box for most applications!



DATA

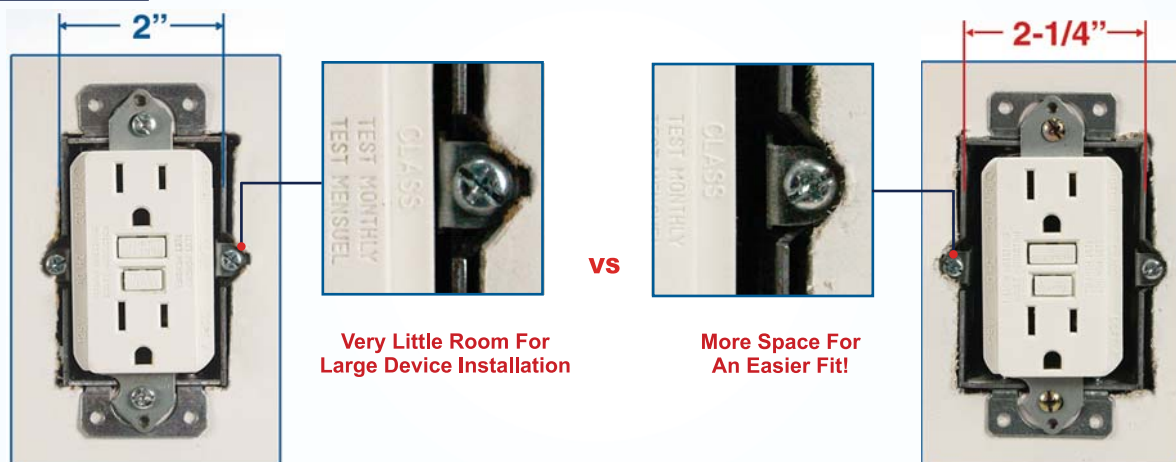


STANDARD



FIRE

INSTALLATION



TRADITIONAL TIGER GRIP WITH GFCI INSTALLED

TGW SHOWN WITH GFCI INSTALLED

WIDE OLD-WORK SWITCH BOX WITH GROUNDING "PIGTAIL"

PRODUCT FEATURES

- ▶ Non-Gangable, Wide Switch Box
- ▶ Pre-Assembled with 10-32 Ground Screw & 7" Solid #12AWG Pigtail
- ▶ Must be used with Mid-Size or Oversized Wall Plate
- ▶ Facilitates GFCI and Controls Installations



Cat. No.	Description	Volume	Knockouts			Std. Pkg.
			Sides	Ends	Bottom	
WMB-PT <small>NEW</small>	3" H x 2-1/4" W x 2-3/4" D	18.5 Cu. In.	4 - 1/2"	2 - MKO	2 - 1/2"	50
SBS	Switch Box Support Brackets, Bendable Tabs	-	-	-	-	100
OWG	Cut in Old-Work Clip	-	-	-	-	100



NEW WMB-PT

Featuring 1/2" & 3/4" MKO



SBS



Shown Installed



OWG



Shown Installed

1/4" Wider for easy installation of GFCI and other large devices

WIDE TIGER GRIP

PRODUCT FEATURES

- ▶ Non-Gangable Switch Boxes
- ▶ Must be used with Mid-Size or Oversized Wall Plate
- ▶ Facilitates GFCI and Controls Installations
- ▶ Material: Galvanized Steel



Cat. No.	Description	Volume	Knockouts			Std. Pkg.
			Sides	Ends	Bottom	
TGW	3" H x 2-1/4" W x 2-1/2" D	15.0 Cu. In.	4 - 1/2"	2 - 1/2"	2 - 1/2"	50
TGMW	3" H x 2-1/4" W x 2-3/4" D	18.5 Cu. In.	4 - 1/2"	2 - 1/2"	2 - 1/2"	50

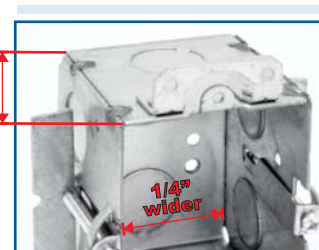


TGW



TGMW

1/4" deeper



TGMW SHOWN

UNIVERSAL FIREBLOK SUPPRESSION INSERTS FOR METAL ELECTRICAL BOXES

PRODUCT FEATURES

- ▶ One SKU fits single gang, 4" and 4-11/16" square boxes via break-apart design
- ▶ Non-Conductive
- ▶ Intumescent thermoplastic
- ▶ Pre-molded opening to accommodate raised grounding provisions and wiring access
- ▶ Up to 2 Hour Fire Rated
- ▶ Soundproof with STC Rating of 52**
- ▶ Certified for both Plastic and Metal faceplates in all fire-rated walls
- ▶ 95% labor savings over Putty Pad technology

* By Fireblok IP Holdings
** Tested in a UL 411 wall assembly to ASTM E90



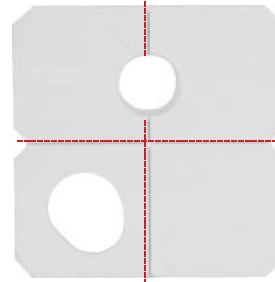
FireBlok



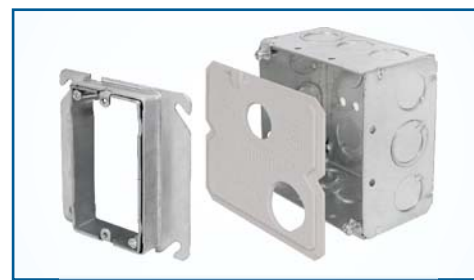
Cat. No.	Description	Std. Pkg.
UFSI NEW	Universal Firestop Insert for 1G, 4", 4-11/16" Electrical Box, White	120



NEW UFSI



Break-apart Design



The Universal Firestop Insert adheres to the inside of most 1-Gang, 4", or 4-11/16" electrical boxes



Call on Orbit to install Firestop Inserts in the box of your choice

FIRESTOP PUTTY PADS AND STICKS*

PRODUCT FEATURES

- ▶ Applied by hand with no curing time
- ▶ Pad is soundproof with STC Rating of 60**
- ▶ Intumescent at 220°F
- ▶ Will not dry out or crumble
- ▶ Reusable
- ▶ Adheres to all common building surfaces
- ▶ Up to 3 Hour Fire Rated

* By Metacaulk
** Tested in a UL 441 wall assembly/section to ASTM E90

Cat. No.	Description	Std. Pkg.
FSPS18 NEW	Firestop Putty Stick, 18 Cu. In., Red	12
FSP67 NEW	Firestop Putty Pad, 6" x 7" x 1/8", Red	20
FSP77 NEW	Firestop Putty Pad, 7" x 7" x 1/8", Red	20



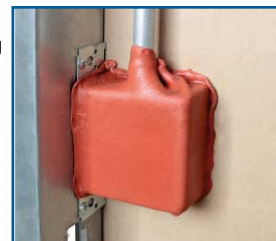
NEW FSPS18



NEW FSP67
FSP77



Putty Sticks seal around penetrating items such as cables, conduits and metal pipes.



Putty Pads are used on electrical boxes to maintain the hourly rating of fire-rated walls as well as reduce sound transmission.

PUTTY STICKS

PUTTY PADS



ZINC DIE CAST DOUBLE-SNAP CABLE CONNECTOR

PRODUCT FEATURES

- ▶ Zinc Die Cast
- ▶ 105°C rated throat insulator
- ▶ Fast and Tool-free installation
- ▶ Removable and Reusable
- ▶ For FMC, AC, MCI, MCI-A, HCF, RWFC
- ▶ Dry location

Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
DSC-38	DOUBLE-SNAP CABLE CONNECTOR WITH INSULATOR Steel/AL AC: 14/2 (0.40") - 10/3 (0.618") Steel MCI: 0.395" - 0.638" AL MCI: 0.40" - 0.618" Steel/AL MCI-A: 14/2 (0.395") - 10/3 (0.638") Steel/AL HCF MCI-A: 14/2 (0.395") - 10/3 (0.638") AL RWFC: 3/8"	3/8"	50	500
DSC-38C	CUT-IN DOUBLE-SNAP CABLE CONNECTOR WITH INSULATOR, FOR OLD WORK Steel/AL AC: 14/2 (0.40") - 10/3 (0.618") Steel/AL MCI: 14/2 (0.395") - 10/3 (0.638") Steel/AL MCI-A: 14/2 (0.395") - 10/3 (0.638") Steel/AL HCF MCI-A: 14/2 (0.395") - 10/3 (0.638") Steel/AL FMC: 3/8"	3/8"	50	500



DSC-38



DSC-38C

STEEL "FASTLOCK" CONNECTOR

PRODUCT FEATURES

- ▶ Steel
- ▶ Electroplated Zinc
- ▶ Saddle-Base Connector (FLC-50, FLC-50L, FLC-75L)
- ▶ Combo Head Set-Screw
- ▶ For AC, MCI, RWFC, ALFC

NOTE

Insulated color may vary

Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
FLC-50	STEEL "FASTLOCK" CONNECTOR Steel AC 14/2 (0.440) to 10/3 AL AC 14/2 (0.475) to 10/3 Steel MC Interlocking (MCI) 0.437" to 0.565" O.D. AL MC Interlocking (MCI) 0.525" to 0.629" O.D. AL Corrugated Continuous (MCC) 0.350" to 0.592" O.D. Steel & AL Flex RWFC: 3/8"	1/2"	50	500
FLC-50L	STEEL "FASTLOCK" WIDE-THROAT CONNECTOR Steel AC 10/4 (0.625) to 6/3 (0.842) AL AC 10/4 (0.625) to 8/4 (0.770) Steel MC Interlocking (MCI) 10/3 (0.594) to 6/2 (0.740) AL MC Interlocking (MCI) 10/3 (0.594) to 8/2 (0.650) Steel RWFC, AL RWFC, AL FMC: 1/2"	1/2"	50	500
FLC-75L	STEEL "FASTLOCK" WIDE-THROAT CONNECTOR Steel AC 10/4 (0.625) to 6/3 (0.840) AL AC 10/4 (0.622) to 8/4 (0.760) Steel MC Interlocking (MCI) 10/3 (0.594) to 6/2 (0.746) AL MC Interlocking (MCI) 10/3 (0.582) to 8/2 (0.650) Steel RWFC, AL RWFC & AL FMC: 1/2"	3/4"	25	250
FLD-50	STEEL "FASTLOCK" DUPLEX CONNECTOR Steel AC 14/2 (0.454) to 12/4 (0.556) Aluminum AC 14/2 (0.485) to 12/4 (0.565) Steel MC Interlocking (MCI) 14/2 (0.470) to 12/4 (0.520) Aluminum MC Interlocking (MCI) 14/2 (0.460) to 12/4 (0.590) Steel RWFC, AL RWFC, AL FMC: 3/8"	1/2"	25	250



FLC-50



FLC-50/75L



FLD-50

ANTI-SHORT BUSHINGS THERMOPLASTIC

PRODUCT FEATURES

- ▶ High-Temperature Plastic
- ▶ Fits BX (AC) and Flex Conduits

PVC NON-METALLIC (NM) CABLE CONNECTOR

PRODUCT FEATURES

Heavy-Duty PVC

NON-METALLIC CABLE CONNECTORS PUSH-IN TYPE

PRODUCT FEATURES

- ▶ Flame-Retardant Polypropylene
- ▶ Special gripping arrangement for easy cable insertion



CONDUIT LOCKING CONNECTOR

PRODUCT FEATURES

- ▶ Steel
- ▶ Fits 4", 4-11/16" sq. and 40 boxes as well as Orbit's patented EALB/S
- ▶ Hooks prevent rotation of fixtures such as security cameras and emergency lighting
- ▶ Holes allow for seismic wiring
- ▶ Includes set-screw and locknut
- ▶ Can replace Rigid Threaded Conduit Fittings



**Video Available
On Our Website!**

STUD MOUNTING CABLE SUPPORT

PRODUCT FEATURES

- ▶ Pre-Galvanized Steel
- ▶ Wood or Metal Stud
- ▶ Easy to Lock



Space Saving Packaging!

Cat. No.	For Use With	Trade Size	Std. Pkg.	Master Ctn.
ASB-516	14/2, 14/3, 12/2	5/16"	35	3500
ASB-38	14/4, 12/3, 6/1, 4/1	3/8"	35	2100
ASB-716	12/4, 10/2, 10/3, 2/1	7/16"	35	700
ASB-50	10/4, 8/2, 8/3, 1/1	1/2"	20	400
ASB-75	8/4, 6/2, 4/2, 4/3, 6/4	3/4"	16	320

Cat. No.	For Use With	Trade Size	Std. Pkg.	Master Ctn.
NM-50	One or Two 14/2, 14/3, 12/2 One 12/3, 10/2, 10/3 One or Two 0.3000" or 0.600" cords	1/2"	50	500

Cat. No.	For Use With	Trade Size	Std. Pkg.	Master Ctn.
NMP-50	One 10, 12, 14 AWG two-conductor cables with or without ground wire	1/2"	100	500



ASB



NM-50



NMP-50

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CLCSL-50	1/2"	10	100
CLCSL-75	3/4"	10	100



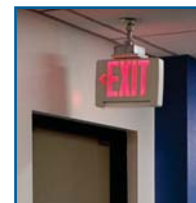
CLCSL



Locknut
Included



Before Installation



After Installation
Prevents Rotation

Cat. No.	Description	Non-Metallic	MC/AC/BX	Std. Pkg.
CS-CJ6	Stud Mounting Cable Support with locking tab	Max. 6	Max. 4	100





Electrical Boxes, Covers & Accessories

| **A**

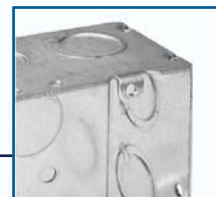
As a leading manufacturer of electrical products, Orbit offers one of the largest selections of electrical boxes and rings in the industry. Our state-of-the-art manufacturing facilities and industry trained engineers ensure the production and development of quality electrical products. With the contractor as our main priority, all of our boxes are cleaned, deburred and offered with a variety of brackets and knockouts to suit various applications.

**BRACKET OPTIONS**

Up to 7 different types

FLUSH KNOCKOUTS

Variety of options

CLEAN BOXES AND NO SHARP EDGES

Clean and deburred boxes

EMBOSS AND PIGTAIL

Reduce waste and time
10" length pigtail on select boxes

CLAMPS

Accommodates metal and
non-metallic cables

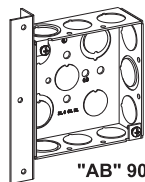
**PRE-INSTALLED
RAISED SCREWS**

Easy installation out of box

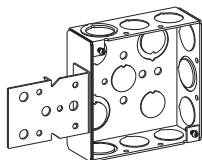


Bracket Specification

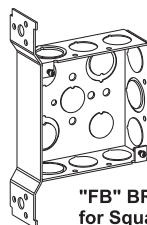
BRACKET TYPE	AB	B (for S)	FB (for S)	FB (for FSB)	FB (for R)	FB (for H)	LB	MS	OB	WB
Length	5-7/8"	3"	7-3/8"	5-1/2"	7-1/4"	7"	2 - 3/8"	2-1/2"	6-3/4"	7-1/2"
Width	7/8"	2"	1-9/16"	2-1/8"	3/4"	1"	2 - 23/32"	1-3/8"	1-3/16"	1-9/16"
Offset	0" (Flush)	0" (Flush)	0" (Flush)	9/16"	1/2"	9/16"	1/4"	0" (Flush)	1-5/16"	0" (Flush)



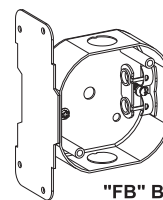
"AB" 90° BRACKET
Positions box against face and side of stud.



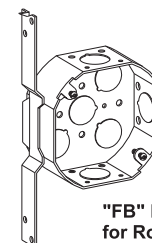
"B" BRACKET for Square Box
Face mounts on front edge of wood stud.



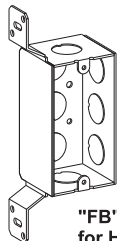
"FB" BRACKET for Square Box
Mounts on flat side of stud.



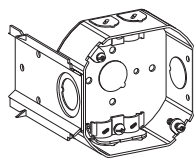
"FB" BRACKET for FSB
Flush-Mounts on flat side of stud or joist.



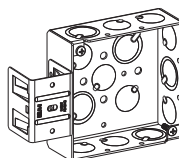
"FB" BRACKET for Round Box
Offset Mounts on flat side of stud or joist.



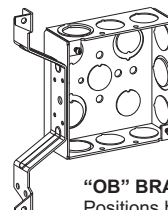
"FB" BRACKET for Handy Box
Mounts on flat side of stud.



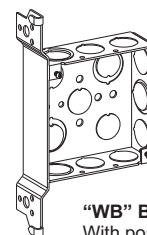
"LB" BRACKET
With spurs, slotted holes for toe-nailing.



"MS" BRACKET
Self-Gripping Metal Stud Bracket with Box Support Clip.
***Model Revised Feb. 2008**

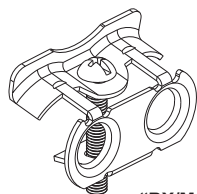


"OB" BRACKET
Positions box away from side of stud for door frame trim clearance.

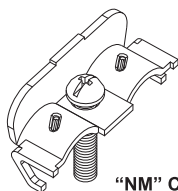


"WB" BRACKET
With positioning spurs to mount box on side of stud.

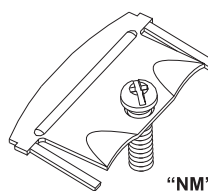
Clamp Specification



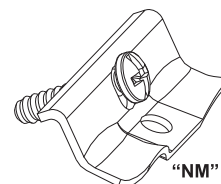
"BX/MC" Clamp
Accommodates Metal Clad Cables from size #14-2 to #10-4
****All MC series boxes are suitable for use with MCAP™-Aluminum, MCAP is a trademark of Southwire Company**



"NM" CLAMP
Accommodates #14-2 to #10-3 Non-Metallic Cables with ground.

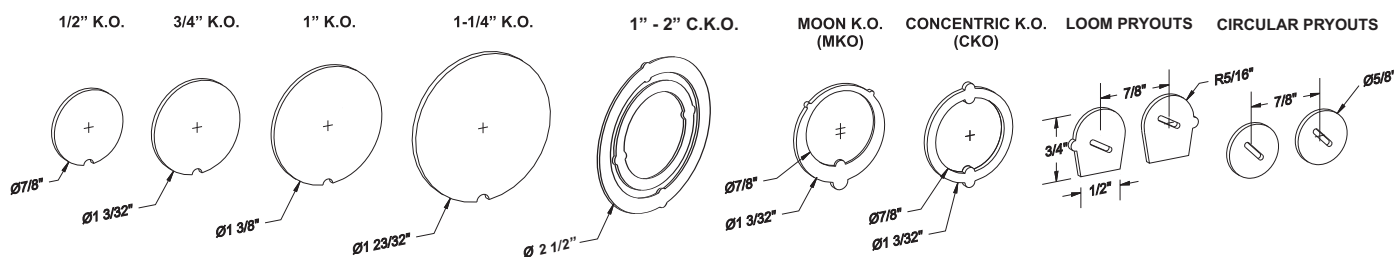


"NM" CLAMP for Pancake Box
Accommodates #14-2 Non-Metallic Sheathed Cables with ground.



"NM" CLAMP for Beveled Switch Box
Accommodates #14-2 to #10-3 Non-Metallic Sheathed Cables with ground. 45° & 90° Screw Mounting.

Knockout & Pryout Specification





Octagonal Concrete Boxes and Covers | Pg. A5 & A30



4CB-F



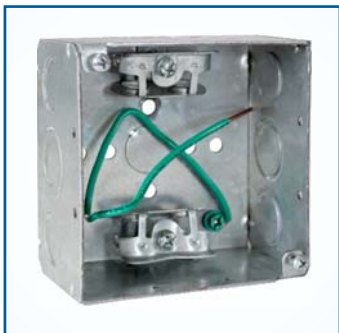
4R000S

4CB-F + 4R000S
Shown Installed

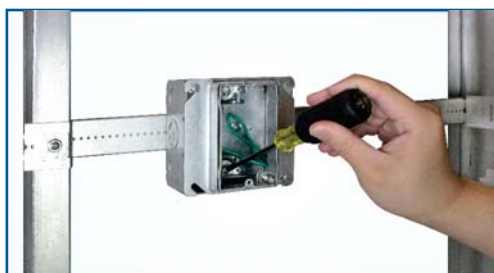
A WIDE SELECTION OF PRODUCTS FOR CONCRETE CONSTRUCTION

Orbit's line of Concrete Boxes and Covers continues to grow with the addition of a Fan-Rated Concrete Box, 4CB-F, and Universal Mounting Ring, 4R000S. The 4CB-F is a 4" deep fan-rated concrete box approved to support fixtures up to 90 lbs. and fans up to 70 lbs. The 4R000S save time in the planning phase by featuring multi-directional mounting holes for 30 & 40 configurations. This results in a faster, more convenient installation.

Angled Metal Clad (MC) Clamp Box | Pg. A10



4SDB-AMC-PT



ANGLED SCREW CLAMPS



DESIGNATED GROUND SCREW

SECURE MC INSIDE THE BOX, EVEN AFTER THE RING IS INSTALLED *Patent Pending*

New to our extensive offering of Metal Clad (MC) Clamp boxes is the 4" Sq. Box with **Angled MC Clamps**, 4SDB-AMC-PT. The screws on the 4SDB-AMC-PT are angled up/down allowing the installer to seamlessly access the screw with a mud ring pre-installed on the box. In addition, the ground screw has been moved to avoid interference with back-mounted brackets such as Orbit's BHA-16 & 24. The 4SDB-AMC-PT can now be prefabricated without any hassle.

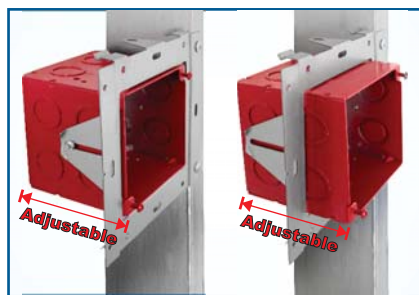
Universal Mounting Adjustable Box | Pg. A11



UMAB



FA-UMAB



DIRECT-TO-STUD



BETWEEN WALL STUDS

BEST WAY TO MOUNT EXTRA DEEP 4" SQ. BOXES

Patent Pending

The Universal Mounting Adjustable Box (UMAB) is a 4" Square, 3-1/2" Deep Box with built-in adapter. The UMAB can be mounted directly-to-studs or used with Orbit's SSB Bracket (pg. P1) for between stud and ceiling joist applications. Install the UMAB on T-Grid when pairing it with the NEW SSB-TBAR (pg. P1). The built-in adapter allows the box to adjust from flush to 1-1/2". Order FA-UMAB to receive the box with a Red Powder Coated Finish.

Adjustable Depth Plaster Rings | Pg. A14~15



4SAR1G



1GX75



EXPLODED VIEW OF 5SAR2G & 2GX75



4AR1G-58



5AR1G-58



3GAR-34

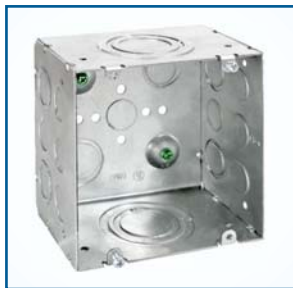
STANDARDIZE ON ADJUSTABLE RINGS TO REDUCE SKU'S AND PLANNING

Patented

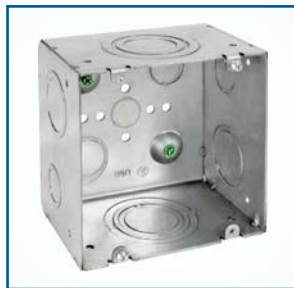
Ensure a flush finish with outlet boxes every time with the industries' largest offering of Adjustable Plaster Rings. Wide selection includes multiple models for 4" and 4-11/16" Sq. Boxes, in addition to a 3-gang Adjustable Ring. The Orbit Exclusive SAR Series allows for the addition of Extension Rings to achieve infinite depths.



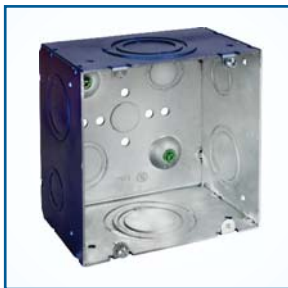
True 5" Square Boxes and Accessories | Pg. A22~23



T5B-50/200



T5B-200



B-T5B



T5B-50/200 FEATURES 12 SIDE KO'S

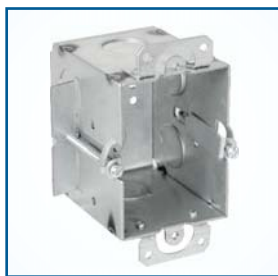


T5B-200 INSTALLED ON FMB16

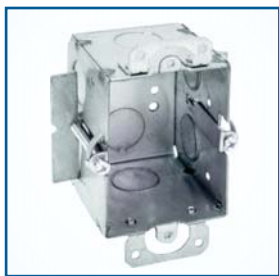
DOUBLE THE CAPACITY HALF THE STRUGGLE

With more than double the capacity of standard 4" square boxes, Orbit's True 5" Square Boxes (T5) provide the space needed to handle modern-day hospital, commercial, government and university data needs. The T5 Series consists of three styles, measuring 3-1/4" Deep and 75 cu. in. of space. All T5 Boxes accommodate up to a 2" fitting. Mounting accessories include the UMA-LVBS (pg. P1), Flat Bracket Series (pg. P7) and Fixed Mounting Brackets (pg. P9).

Wide Switch Boxes | Pg. A34~36



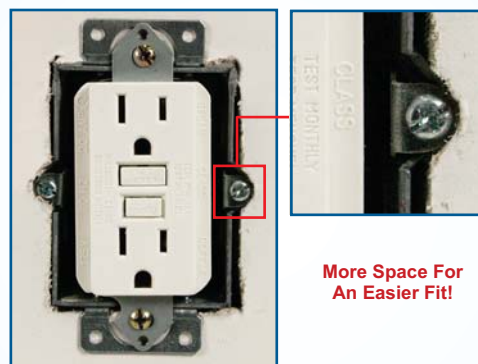
TGW



TGMW



WMB-PT



More Space For
An Easier Fit!

TGW SHOWN WITH GFCI INSTALLED

UP TO 1/4" DEEPER AND WIDER FOR AN EASIER FIT

As wiring devices continue to get larger, it becomes harder to install them into standard 2" wide switch boxes. That's why we Orbit introduced an industry first, Wide Switch Boxes. We offer a variety of models that offer up to 18.5 Cu. In. of space. Model TGW is 1/4" wider than a standard switch box. The TGMW and WMB-PT are both 1/4" wider and deeper measuring at 2-1/4" (W) x 2-3/4" (D).

4" CEILING FAN & LIGHT FIXTURE SUPPORT PRODUCTS

WITH NON-METALLIC (NM) SHEATHED CABLE CONNECTOR

PRODUCT FEATURES

- ▶ NM Clamp installed in 1-1/2" & 2-1/8" Boxes
- ▶ Easy-to-follow Instruction Sheet
- ▶ Complies with NEC 314.27 (A)(C)(D) for **up to 70 lbs. of ceiling fan load or 70 lbs. of fixture load** (for more information see pg. W14)

NOTE

- ▶ Hardware Pack include variety of fasteners for all installation types
- ▶ Replaceable MC Clamp supplied in Hardware Pack

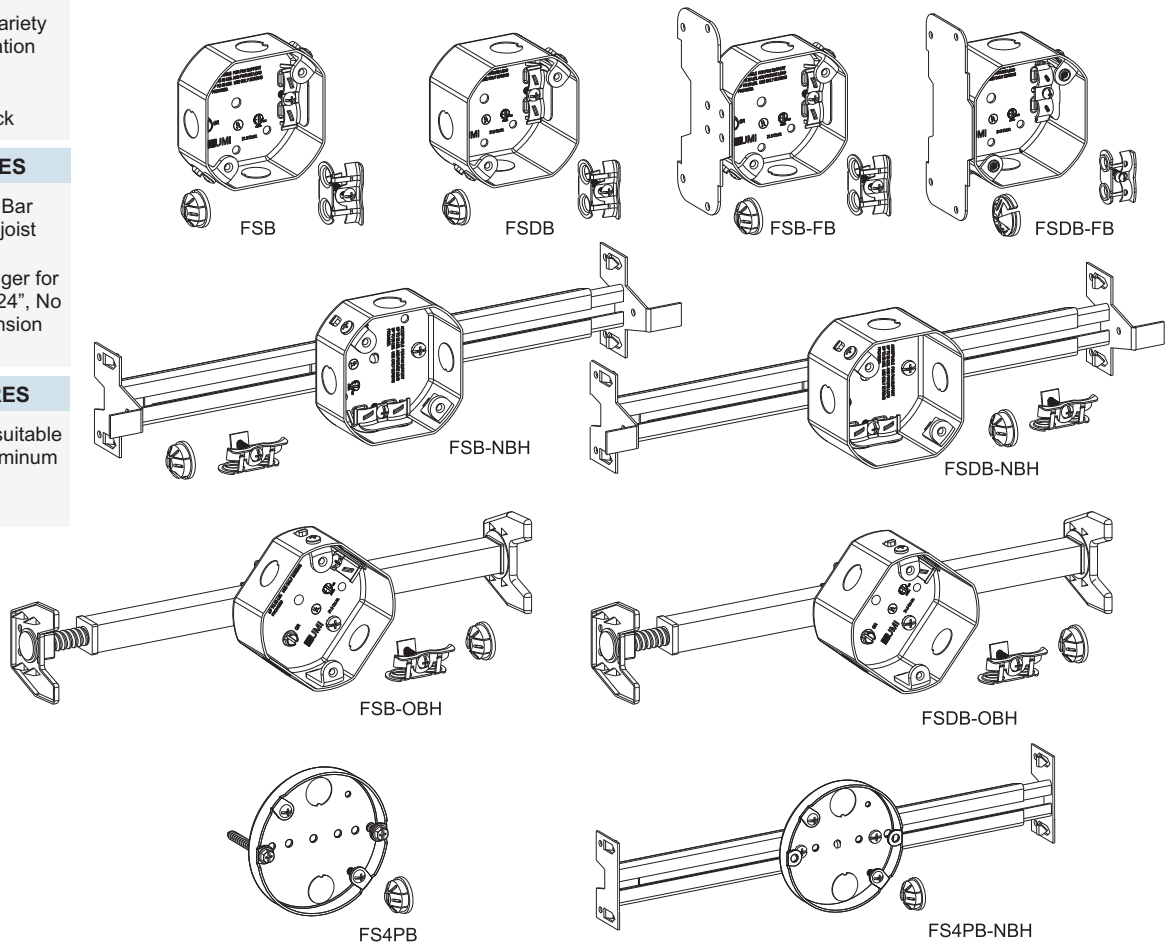
BAR HANGER FEATURES

- ▶ **NBH:** New Construction Bar Hanger slides apart to fit joist spacing from 16" to 24"
- ▶ **OBH:** Old Work Bar Hanger for joist spacing from 16" to 24", No tools necessary for expansion of the bar

BX/MC CLAMP FEATURES

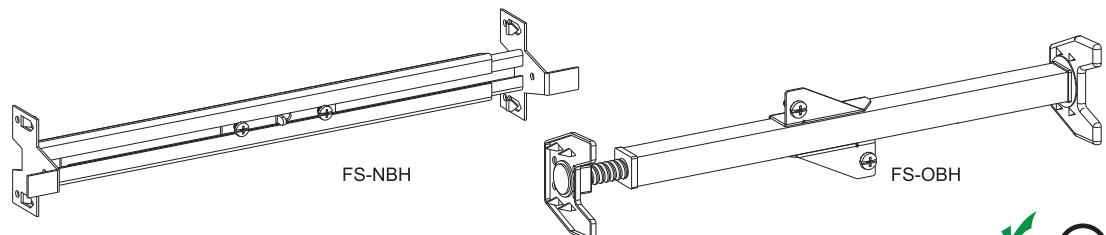
- ▶ All MC series boxes are suitable for use with MCAP™-Aluminum
- ▶ MCAP is a trademark of Southwire Company

Cat. No.	Depth	Clamp Type	Bracket, Setback or Expansion	Knockouts	Cu. In.	Std. Pkg.
FSB	1-1/2"	BX/MC, NM	-	3 - 1/2", 2 - Loom	15.5	20
FSDB	2-1/8"	BX/MC, NM	-	3 - 1/2", 2 - Loom	21.5	20
FSB-FB	1-1/2"	BX/MC, NM	FB, 1/2"	2 - 1/2", 2 - Loom	15.5	20
FSDB-FB	2-1/8"	BX/MC, NM	FB, 1/2"	2 - 1/2", 2 - Loom	21.5	20
FSB-NBH	1-1/2"	BX/MC, NM	NBH, 16" to 24"	3 - 1/2", 2 - Loom	15.5	10
FSDB-NBH	2-1/8"	BX/MC, NM	NBH, 16" to 24"	3 - 1/2", 2 - Loom	21.5	10
FSB-OBH	1-1/2"	BX/MC, NM	OBH, 16" to 24"	3 - 1/2", 2 - Loom	15.5	10
FSDB-OBH	2-1/8"	BX/MC, NM	OBH, 16" to 24"	3 - 1/2", 2 - Loom	21.5	10
FS4PB	1/2"	-	-	2 - 1/2"	6.0	20
FS4PB-NBH	1/2"	-	NBH, 16" to 24"	2 - 1/2"	6.0	10



FAN SUPPORT BAR HANGERS

Cat. No.	Description	Std. Pkg.
FS-NBH	16" to 24" Adjustable New Construction Bar Hanger for use with Fan Support Boxes	10
FS-OBH	16" to 24" Adjustable Old Work Bar Hanger for use with Fan Support Boxes	10



3-3/8" & 4" ROUND PANCAKE BOXES

NOTE

- Not for use as Ceiling Fan Support Boxes (See Page A1)
- For Fixture/Luminaire Support of 50 lbs or less

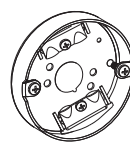
Cat. No.	Depth	Clamp Type	Knockouts	Box Diameter	Cu. In.	Std. Pkg.
3PB	1/2"	-	3 - 1/2", 4 - Circ. Pryouts	3 - 3/8"	3.9	50
3PB-NM	1/2"	NM	1 - 1/2", 4 - Circ. Pryouts	3 - 3/8"	3.9	50
3PDB-NM	3/4"	NM	1 - 1/2", 4 - Circ. Pryouts	3 - 3/8"	5.0	50
4PB	1/2"	-	5 - 1/2"	4"	6.0	50
4PB-NM	1/2"	NM	3 - 1/2", 4 - Circ. Pryouts	4"	6.0	50



3PB



3PB-NM



3PDB-NM



4PB



4PB-NM

3-1/2" OCTAGON (30) BOXES & EXTENSION RING

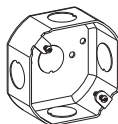
DRAWN 1-1/2" DEEP

9.0 Cu. In.

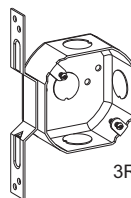
NOTE

- For Fixture/Luminaire Support of 50 lbs or less

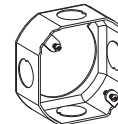
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
3RB-50	-	4 - 1/2"	1 - 1/2"	50
3RB-50-FB	FB, 1/2"	3 - 1/2"	1 - 1/2"	50
3RB-50-EXT	-	4 - 1/2"	-	50



3RB-50



3RB-50-FB



3RB-50-EXT

3-1/2" OCTAGON (30) BOXES

DRAWN 1-1/2" DEEP

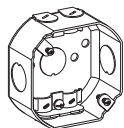
9.0 Cu. In.

WITH NON-METALLIC (NM) SHEATHED CABLE CLAMPS

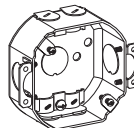
NOTE

- For Fixture/Luminaire Support of 50 lbs or less (Except 3RB-NM-E)

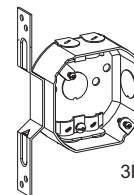
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
3RB-NM	-	2 - 1/2", 4 - Loom	1 - 1/2"	50
3RB-NM-E	Ears	2 - 1/2", 4 - Loom	1 - 1/2"	50
3RB-NM-FB	FB, 1/2"	1 - 1/2", 4 - Loom	1 - 1/2"	50



3RB-NM



3RB-NM-E



3RB-NM-FB

3-1/2" ROUND COVERS

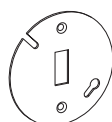
Cat. No.	Description	Std. Pkg.
3RBC	Flat, Blank	50
3RBCK	Flat, 1/2" KO	50
*3RC-TS	Flat, Toggle Switch	50
*3RC-DR	Flat, Duplex Receptacle	50
*3RC-SR	Flat, 1.406" Diameter, 15A Single Receptacle	50
*3RC-PO	Flat, 1.594" Diameter, 20A Power Outlet	50



3RBC



3RBCK



*3RC-TS



*3RC-DR



*3RC-SR



*3RC-PO

4" OCTAGON (40) BOXES

DRAWN

1-1/2" DEEP

15.5 Cu. In.

NOTE

- For Fixture/Luminaire Support of 50 lbs or less

4" OCTAGON (40) BOXES & EXTENSION RINGS

WELDED

1-1/2" DEEP

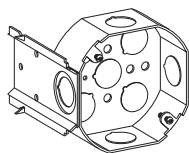
15.5 Cu. In.

BAR HANGER FEATURES

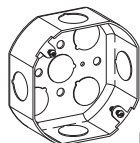
- BHA:** Adjustable Bar Hanger allows installation of box anywhere along length of stud
- 4RB-50-BHA includes 3/8" - 18 NPS trade sized stud to accommodate fixture stem

NOTE

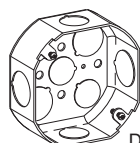
- For Fixture/Luminaire Support of 50 lbs or less
- *For Fixture/Luminaire Support of 50 lbs or less at 16 in. Span



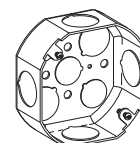
4RB-50-LB



D4RB-50



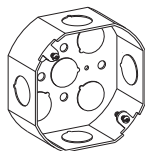
D4RB-50/75



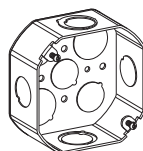
D4RB-75

Cat. No.	Features	Knockouts		Std. Pkg.
		Sides	Bottom	
D4RB-50	Drawn Box	4 - 1/2"	5 - 1/2"	50
D4RB-50/75	Drawn Box	2 - 1/2", 2 - 3/4"	3 - 1/2", 2 - 3/4"	50
D4RB-75	Drawn Box	4 - 3/4"	3 - 1/2", 2 - 3/4"	50

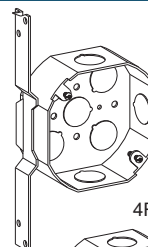
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4RB-50	-	4 - 1/2"	5 - 1/2"	50
4RB-MKO	-	2 - 1/2", 2 - MKO	3 - 1/2", 2 - 3/4"	50
4RB-50-FB	FB, 1/2"	3 - 1/2"	5 - 1/2"	50
4RB-MKO-FB	FB, 1/2"	1 - 1/2", 2 - MKO	3 - 1/2", 2 - 3/4"	50
4RB-50-LB	LB, Flush	4 - 1/2"	5 - 1/2"	50
*4RB-50-BHA	BHA, 14-1/2" to 22-1/2"	4 - 1/2"	4 - 1/2"	25
4RB-50-EXT	-	4 - 1/2"	-	50
4RB-MKO-EXT	-	2 - 1/2", 2 - MKO	-	50



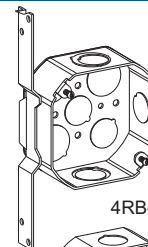
4RB-50



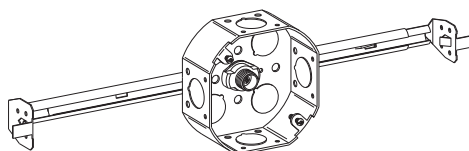
4RB-MKO



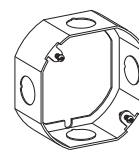
4RB-50-FB



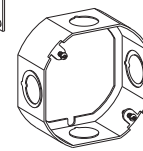
4RB-MKO-FB



*4RB-50-BHA



4RB-50-EXT



4RB-MKO-EXT

4" OCTAGON (40) BOXES

WELDED

1-1/2" DEEP

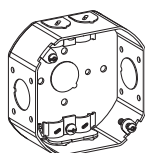
15.5 Cu. In.

WITH NON-METALLIC (NM) SHEATHED CABLE CLAMPS

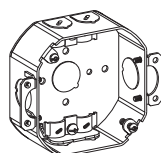
NOTE

- For Fixture/Luminaire Support of 50 lbs or less (Except 4RB-NM-E and 4RB-NM-SG)
- *For Fixture/Luminaire Support of 50 lbs or less at 16 in. Span

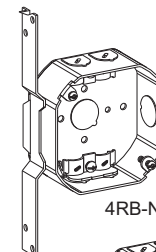
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4RB-NM	-	2 - 1/2", 4 - Loom	1 - 1/2"	50
4RB-NM-E	Ears	2 - 1/2", 4 - Loom	1 - 1/2"	50
4RB-NM-FB	FB, 1/2"	1 - 1/2", 4 - Loom	1 - 1/2"	50
4RB-NM-LB	LB, Flush	2 - 1/2", 4 - Loom	1 - 1/2"	50
4RB-NM-SG	Swing Bracket - Old Work	4 - Loom	1 - 1/2"	50
*4RB-NM-BHA	BHA, 14-1/2" to 22-1/2"	2 - 1/2", 4 - Loom	-	25



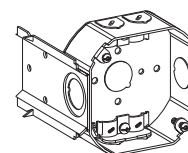
4RB-NM



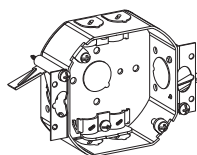
4RB-NM-E



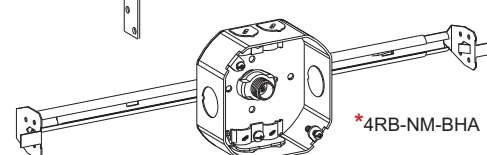
4RB-NM-FB



4RB-NM-LB



4RB-NM-SG



*4RB-NM-BHA

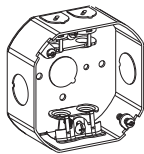
- 600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- Visit www.ul.com or QCIT Guide on page W1 for more information

4" OCTAGON (40) BOXES**WELDED****1-1/2" DEEP**

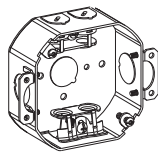
15.5 Cu. In.

**WITH METAL CLAD (BX/MC)
CABLE CLAMPS****NOTE**

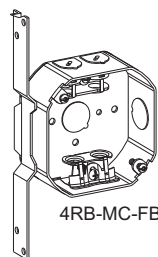
- For Fixture/Luminaire Support of 50 lbs or less (Except 4RB-MC-E)
- *For Fixture/Luminaire Support of 50 lbs or less at 16 in. Span



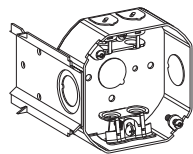
4RB-MC



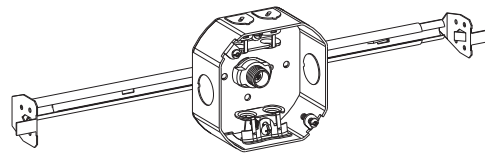
4RB-MC-E



4RB-MC-FB



4RB-MC-LB



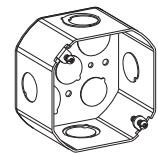
*4RB-MC-BHA

**4" OCTAGON (40)
DEEP BOXES****WELDED****2-1/8" DEEP**

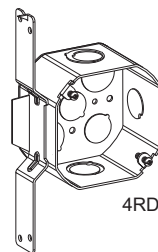
21.5 Cu. In.

NOTE

- For Fixture/Luminaire Support of 50 lbs or less



4RDB-MKO



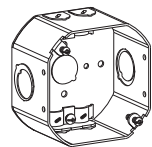
4RDB-MKO-FB

**4" OCTAGON (40)
DEEP BOXES****WELDED****2-1/8" DEEP**

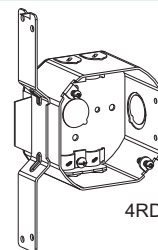
21.5 Cu. In.

**WITH NON-METALLIC (NM)
SHEATHED CABLE CLAMPS****NOTE**

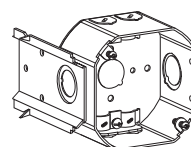
- For Fixture/Luminaire Support of 50 lbs or less



4RDB-NM



4RDB-NM-FB



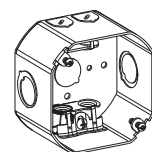
4RDB-NM-LB

**4" OCTAGON (40)
DEEP BOXES****WELDED****2-1/8" DEEP**

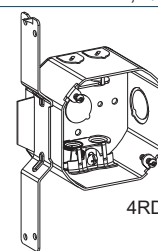
21.5 Cu. In.

**WITH METAL CLAD (BX/MC)
CABLE CLAMPS****NOTE**

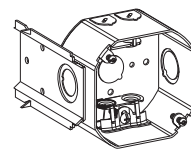
- For Fixture/Luminaire Support of 50 lbs or less
- **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- Visit www.ul.com or QCIT Guide on page W1 for more information



4RDB-MC



4RDB-MC-FB



4RDB-MC-LB

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4RB-MC	-	2 - 1/2", 4 - Loom	1 - 1/2"	50
4RB-MC-E	Ears	2 - 1/2", 4 - Loom	1 - 1/2"	50
4RB-MC-FB	FB, 1/2"	1 - 1/2", 4 - Loom	1 - 1/2"	50
4RB-MC-LB	LB, Flush	2 - 1/2", 4 - Loom	1 - 1/2"	50
*4RB-MC-BHA	BHA, 14-1/2" to 22-1/2"	2 - 1/2", 4 - Loom	-	25

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4RDB-MKO	-	2 - 1/2", 2 - MKO	3 - 1/2", 2 - 3/4"	50
4RDB-MKO-FB	FB, 1/2"	1 - 1/2", 2 - MKO	3 - 1/2", 2 - 3/4"	25

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4RDB-NM	-	2 - MKO, 4 - Loom	1 - 1/2"	50
4RDB-NM-FB	FB, 1/2"	1 - MKO, 4 - Loom	1 - 1/2"	25
4RDB-NM-LB	LB, 1/2"	2 - MKO, 4 - Loom	1 - 1/2"	25

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4RDB-MC	-	2 - MKO, 4 - Loom	1 - 1/2"	50
4RDB-MC-FB	FB, 1/2"	1 - MKO, 4 - Loom	1 - 1/2"	25
4RDB-MC-LB	LB, 1/2"	2 - MKO, 4 - Loom	1 - 1/2"	25

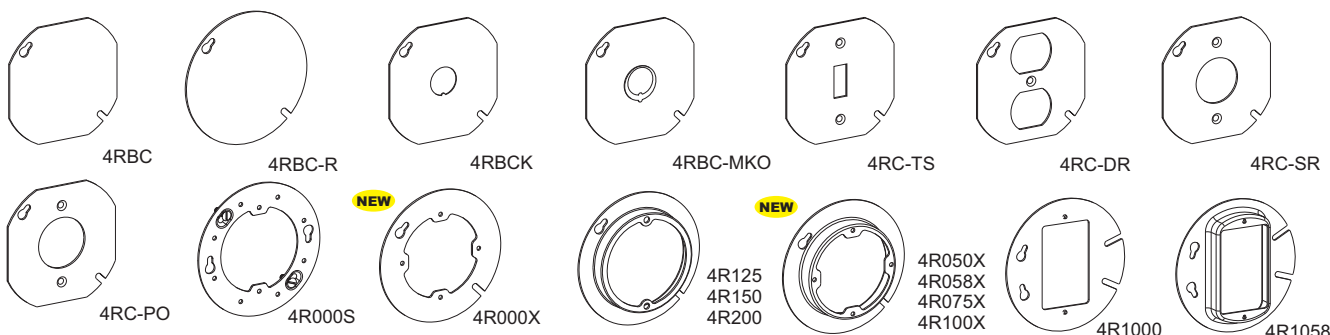
4" ROUND COVERS FLAT OR DRAWN

NOTE

- *Available in Durable Red Powder Coat Finish, see page A24



4R000S features holes for multi-directional mounting, resulting in a faster installation



Cat. No.	Description	Cu. Inch	Std. Pkg.
<i>For use with 40 boxes (page A3~4)</i>			
*4RBC	Flat, Blank (Octagonal)	-	50
4RBC-R	Flat, Blank (Round)	-	50
4RBCK	Flat, 1/2" KO	-	50
4RBC-MKO	Flat, MKO	-	50
4RC-TS	Flat, Toggle Switch	-	50
4RC-DR	Flat, Duplex Receptacle	-	50
4RC-SR	Flat, 1.4" Dia. Single Receptacle	-	50
4RC-PO	Flat, 1.6" Dia. Power Outlet	-	50

For use with 4" concrete boxes (page A30)

4R000S	Flat, Open, Ears 2-3/4" O.C. Universal Mounting	-	25
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For use with both 40 boxes (page A3~4) and 4" concrete boxes (page A30)

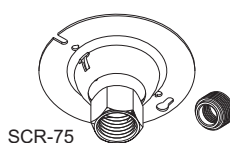
4R000X NEW	Flat, Open, Dual Dir. Ears 2-3/4" O.C.	-	50
4R050X NEW	Raised 1/2", Open, Dual Dir. Ears 2-3/4" O.C.	3.0	50
4R058X NEW	Raised 5/8", Open, Dual Dir. Ears 2-3/4" O.C.	4.0	50
4R075X NEW	Raised 3/4", Open, Dual Dir. Ears 2-3/4" O.C.	5.0	50
4R100X NEW	Raised 1", Open, Dual Dir. Ears 2-3/4" O.C.	6.8	25
4R125	Raised 1-1/4", Open, Ears 2-3/4" O.C.	8.5	25
4R150	Raised 1-1/2", Open, Ears 2-3/4" O.C.	9.7	25
4R200	Raised 2", Open, Ears 2-3/4" O.C.	12.9	25
4R1000	Flat, 1-Gang Device Ring	-	50
4R1058	Raised 5/8", 1-Gang Device Ring	3.5	50

4" SWIVEL-TYPE COVER PLATES

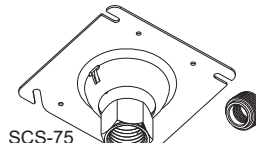
PRODUCT FEATURES

- 20° Swivel Angle
- Complies with NEC 314.27 (A)(D) for up to 90 lbs. of fixture load (for more information see pg. W14)

Cat. No.	Description	Swivel Thread Size	Std. Pkg.
SCR-75	4" Round Swivel-Type Cover	3/4" Plus 1/2" Reducing Bushing	25
SCS-75	4" Square Swivel-Type Cover	3/4" Plus 1/2" Reducing Bushing	25



SCR-75



SCS-75

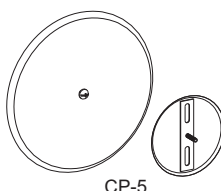
*1/2" Conduit Adapter Included

5" ROUND CLOSURE PLATES WITH UNIVERSAL-MOUNT STRAP

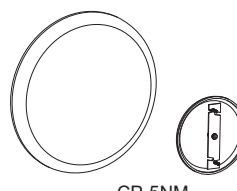
PRODUCT FEATURES

- For covering up to 4" Round and Octagonal Boxes

Cat. No.	Description	Color	Std. Pkg.
CP-5	Hard Aluminum 5" dia. Blank Cover Plate	White	50
CP-5NM	Non-metallic 5-3/8" dia. Blank Cover Plate	White	50



CP-5



CP-5NM

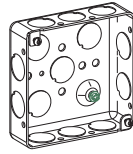
**4" SQUARE (4S)
SHALLOW BOX****DRAWN****1-1/4" DEEP**

18.0 Cu. In.

**WITH RAISED GROUND EMBOSS
& 10-32 GROUND SCREW**

Cat. No.	Knockouts		Std. Pkg.
	Sides	Bottom	

D4SSB-50	10 - 1/2"	4 - 1/2"	50
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D4SSB-50

4" SQUARE (4S) BOXES**DRAWN****1-1/2" DEEP**

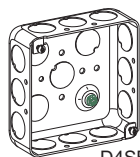
21.0 Cu. In.

**WITH RAISED GROUND EMBOSS
& 10-32 GROUND SCREW****PIGTAIL FEATURES**

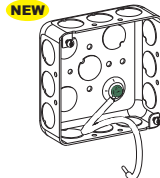
7" Solid Cu. #12AWG Pigtail
Pre-assembled with Ground
Emboss and 10-32 Ground Screw

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	

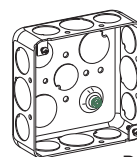
D4SB-50	-	12 - 1/2"	4 - 1/2"	50
D4SB-50-PT NEW	-	12 - 1/2"	4 - 1/2"	50
D4SB-50/75	-	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	50
D4SB-75	-	8 - 3/4"	2 - 1/2", 2 - 3/4"	50
D4SB-CKO	-	8 - 1/2", 4 - CKO	2 - 1/2", 2 - 3/4"	50
D4SB-50-FB	FB, Flush	9 - 1/2"	4 - 1/2"	24
D4SB-50/75-FB	FB, Flush	6 - 1/2", 3 - 3/4"	2 - 1/2", 2 - 3/4"	24
D4SB-CKO-FB	FB, Flush	6 - 1/2", 3 - CKO	2 - 1/2", 2 - 3/4"	24



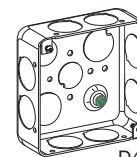
D4SB-50



D4SB-50-PT



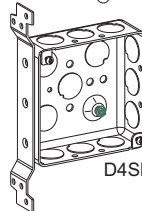
D4SB-50/75



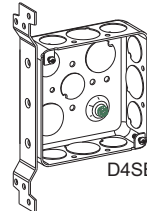
D4SB-75



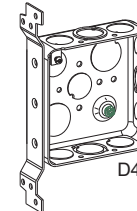
D4SB-CKO



D4SB-50-FB



D4SB-50/75-FB



D4SB-CKO-FB

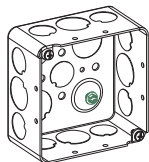
**4" SQUARE (4S)
DEEP BOXES****DRAWN****2-1/8" DEEP**

30.3 Cu. In.

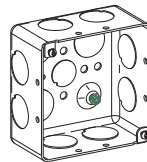
**WITH RAISED GROUND EMBOSS
& 10-32 GROUND SCREW**

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	

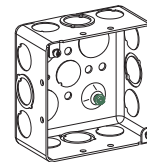
D4SDB-50/75	-	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	24
D4SDB-75	-	8 - 3/4"	2 - 1/2", 2 - 3/4"	24
D4SDB-CKO	-	8 - 1/2", 4 - CKO	2 - 1/2", 2 - 3/4"	24
*D4SDB-50-FB	FB, Flush	9 - 1/2"	2 - 1/2", 2 - 3/4"	24
*D4SDB-75-FB	FB, Flush	6 - 3/4"	2 - 1/2", 2 - 3/4"	24
D4SDB-CKO-FB	FB, Flush	6 - 1/2", 3 - CKO	2 - 1/2", 2 - 3/4"	24



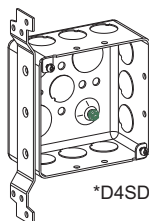
D4SDB-50/75



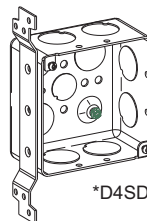
D4SDB-75



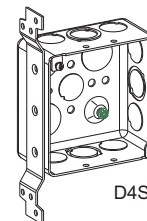
D4SDB-CKO



*D4SDB-50-FB



*D4SDB-75-FB



D4SDB-CKO-FB

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information



*While Supplies Last

4" SQUARE (4S) BOXES & EXTENSION RINGS

WELDED

1-1/2" DEEP

21.0 Cu. In.

WITH RAISED GROUND EMBOSS
(EXCEPT FOR BRACKETED
AND EXTENSION BOXES)

METAL STUD BRACKET FEATURES

- ▶ U.S. Patent No.: 8,262,043
- ▶ Metal Stud (MS) Bracket engages on either side of metal stud
- **Model Revised Feb. 2008

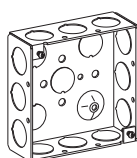
BOXES WITH PIGTAIL FEATURES

7" Solid Cu. #12AWG Pigtail
Pre-assembled with Ground
Emboss and 10-32
Ground Screw

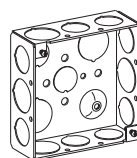
NOTE

- ▶ *Available in Durable Red Powder Coat Finish (Pg. A24)
- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

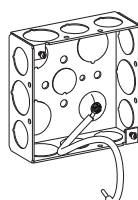
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SB-50	-	12 - 1/2"	4 - 1/2"	50
4SB-50/75	-	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	50
*4SB-50/75-PT	-	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	50
4SB-75	-	8 - 3/4"	2 - 1/2", 2 - MKO	50
*4SB-MKO	-	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	50
4SB-MKO-PT	-	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	50
4SB-50-FB	FB, Flush	9 - 1/2"	5 - 1/2"	24
4SB-50/75-FB	FB, Flush	6 - 1/2", 3 - 3/4"	3 - 1/2", 2 - 3/4"	24
4SB-75-FB	FB, Flush	6 - 3/4"	1 - 1/2", 4 - 3/4"	24
4SB-MKO-FB	FB, Flush	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
*4SB-50/75-MS**	MS, Self-Gripping + Box Support Clip	6 - 1/2", 3 - 3/4"	3 - 1/2", 2 - 3/4"	24
4SB-MKO-MS**	MS, Self-Gripping + Box Support Clip	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SB-MKO-OB	OB, 1-5/16"	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SB-MKO-B	B, Flush	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SB-MKO-AB	AB, Flush	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SB-MKO-WB	WB, Flush	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SB-50-EXT	-	12 - 1/2"	-	50
4SB-50/75-EXT	-	8 - 1/2", 4 - 3/4"	-	50
*4SB-MKO-EXT	-	8 - 1/2", 4 - MKO	-	50
4SB-MKO-EHB	Extension Ring to Handy Box	8 - 1/2", 4 - MKO	-	50



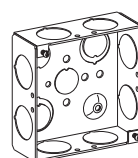
4SB-50



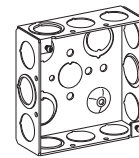
4SB-50/75



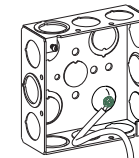
*4SB-50/75-PT



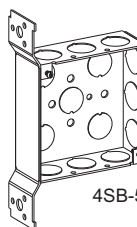
4SB-75



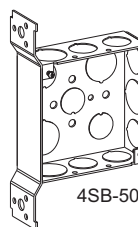
*4SB-MKO



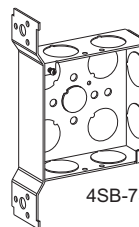
4SB-MKO-PT



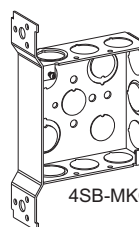
4SB-50-FB



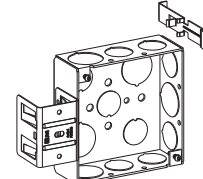
4SB-50/75-FB



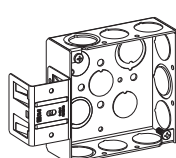
4SB-75-FB



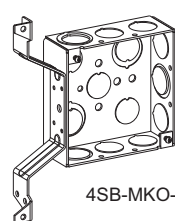
4SB-MKO-FB



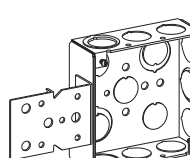
*4SB-50/75-MS**



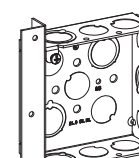
4SB-MKO-MS**



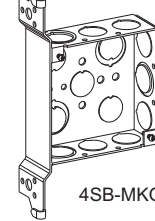
4SB-MKO-OB



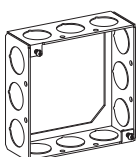
4SB-MKO-B



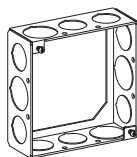
4SB-MKO-AB



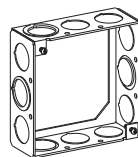
4SB-MKO-WB



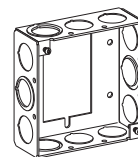
4SB-50-EXT



4SB-50/75-EXT



*4SB-MKO-EXT



4SB-MKO-EHB

4" SQUARE (4S) BOXES

WELDED

1-1/2" DEEP

21.0 Cu. In.

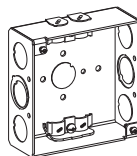
WITH NON-METALLIC (NM)

SHEATHED CABLE CLAMPS

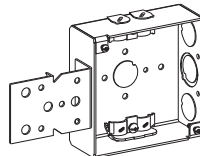
METAL STUD BRACKET FEATURES

- U.S. Patent No.: 8,262,043
- Metal Stud (MS) Bracket engages on either side of metal stud
- **Model Revised Feb. 2008

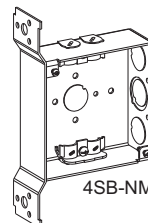
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SB-NM	-	4 - 1/2", 2 - MKO, 4 - Loom	1 - 1/2"	50
4SB-NM-B	B, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SB-NM-FB	FB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SB-NM-MS**	MS, Self-Gripping + Box Support Clip	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SB-NM-WB	WB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24



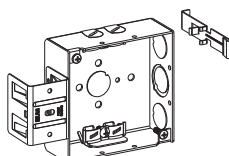
4SB-NM



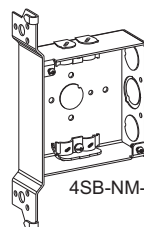
4SB-NM-B



4SB-NM-FB



4SB-NM-MS**



4SB-NM-WB

4" SQUARE (4S) BOXES

WELDED

1-1/2" DEEP

21.0 Cu. In.

WITH METAL CLAD (BX/MC)

CABLE CLAMPS

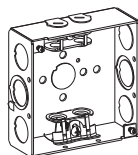
BX/MC CLAMP FEATURES

- All MC series boxes are suitable for use with MCAP™-Aluminum
- MCAP is a trademark of Southwire Company

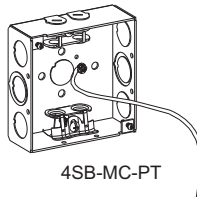
BOXES WITH PIGTAIL FEATURES

- 7" Solid Cu. #12AWG Pigtail
- Pre-assembled with Ground Emboss and 10-32 Ground Screw

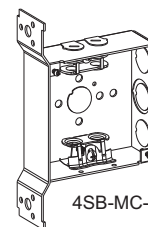
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SB-MC	-	4 - 1/2", 2 - MKO, 4 - Loom	1 - 1/2"	50
4SB-MC-PT	-	4 - 1/2", 2 - MKO, 4 - Loom	1 - 1/2"	50
4SB-MC-FB	FB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SB-MC-FB-PT	FB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SB-MC-B	B, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SB-MC-WB	WB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SB-MC-MS**	MS + Box Support Clip	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24



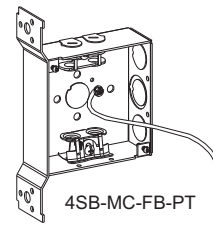
4SB-MC



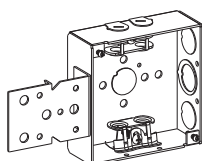
4SB-MC-PT



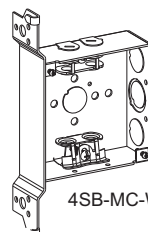
4SB-MC-FB



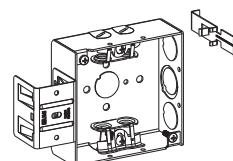
4SB-MC-FB-PT



4SB-MC-B



4SB-MC-WB



4SB-MC-MS**

- 600V MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- Acceptable for use in 2-hour rated walls
- Visit www.ul.com or QCIT Guide on page W1 for more information

4" SQUARE (4S) DEEP BOXES

WELDED

2-1/8" DEEP

30.3 Cu. In.

WITH RAISED GROUND EMBOSS
(EXCEPT FOR BRACKETED BOXES)

METAL STUD BRACKET FEATURES

- ▶ U.S. Patent No.: 8,262,043
Metal Stud (MS) Bracket
engages on either side of
metal stud
- ▶ ****Model Revised Feb. 2008**

BOXES WITH PIGTAIL FEATURES

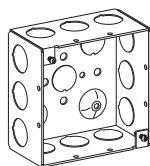
- ▶ 7" Solid Cu. #12AWG Pigtail
pre-assembled with Ground
Emboss and 10-32
Ground Screw
- ▶ 10" Pigtail for 4SDB-BP

NOTE

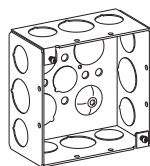
- ▶ *Available in Durable Red Powder
Coat Finish (Pg. A24)

Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SDB-50	-	12 - 1/2"	4 - 1/2"	24
4SDB-50/75	-	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	24
4SDB-75	-	8 - 3/4"	2 - 1/2", 2 - MKO	24
4SDB-75/100	-	4 - 3/4", 4 - 1"	2 - 1/2", 2 - 3/4"	24
4SDB-100	-	8 - 1"	2 - 1/2", 2 - 3/4"	24
*4SDB-MKO	-	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
4SDB-MKO-PT	-	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
4SDB-50-FB	FB, Flush	9 - 1/2"	5 - 1/2"	24
4SDB-50/75-FB	FB, Flush	6 - 1/2", 3 - 3/4"	3 - 1/2", 2 - 3/4"	24
4SDB-75-FB	FB, Flush	6 - 3/4"	1 - 1/2", 4 - 3/4"	24
4SDB-100-FB	FB, Flush	6 - 1"	3 - 1/2", 2 - 3/4"	24
*4SDB-MKO-FB	FB, Flush	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SDB-50/75-MS**	MS, Self-Gripping + Box Support Clip	6 - 1/2", 3 - 3/4"	3 - 1/2", 2 - 3/4"	24
4SDB-MKO-MS**	MS, Self-Gripping + Box Support Clip	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SDB-MKO-WB	WB, Flush	6 - 1/2", 3 - MKO	3 - 1/2", 2 - MKO	24
4SDB-BP NEW	Back Mounting Plate	8 - 1/2", 4 - MKO	-	24
4SDB-MKO-EXT	-	8 - 1/2", 4 - MKO	-	24

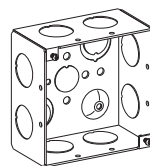
- ▶ **600V** MKO's and CKO's suitable
for bonding without any additional
bonding means up to 600V
- ▶ Acceptable for use in 2-hour
rated walls
- ▶ Visit www.ul.com or QCIT Guide
on page W1 for more information



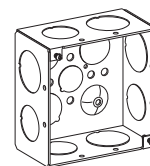
4SDB-50



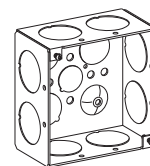
4SDB-50/75



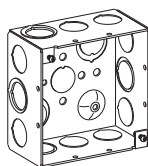
4SDB-75



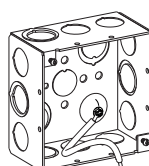
4SDB-75/100



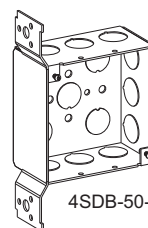
4SDB-100



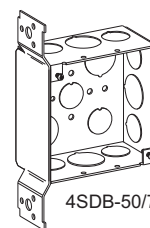
*4SDB-MKO



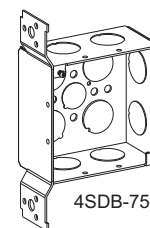
4SDB-MKO-PT



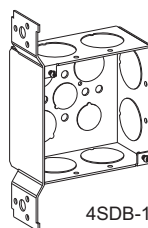
4SDB-50-FB



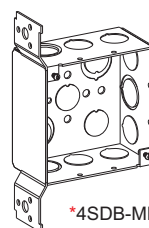
4SDB-50/75-FB



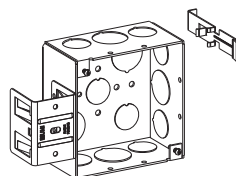
4SDB-75-FB



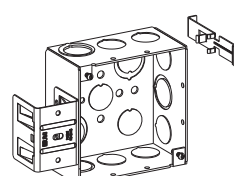
4SDB-100-FB



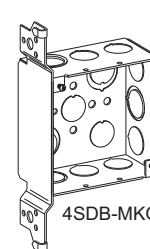
*4SDB-MKO-FB



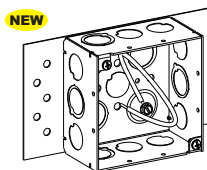
4SDB-50/75-MS**



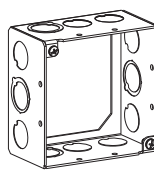
4SDB-MKO-MS**



4SDB-MKO-WB



4SDB-BP



4SDB-MKO-EXT

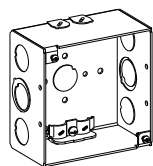
4" SQUARE (4S) DEEP BOXES

WELDED
2-1/8" DEEP

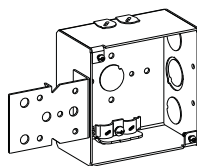
30.3 Cu. In.

**WITH NON-METALLIC (NM)
SHEATHED CABLE CLAMPS**

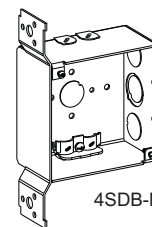
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SDB-NM	-	4 - 1/2", 2 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-NM-B	B, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-NM-FB	FB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-NM-WB	WB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24



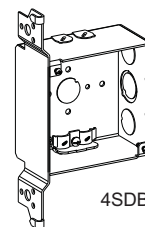
4SDB-NM



4SDB-NM-B



4SDB-NM-FB



4SDB-NM-WB

4" SQUARE (4S) DEEP BOXES

WELDED
2-1/8" DEEP

30.3 Cu. In.

**WITH METAL CLAD (BX/MC)
CABLE CLAMPS**

BX/MC CLAMP FEATURES

- ▶ All MC series boxes are suitable for use with MCAP™-Aluminum
- ▶ MCAP is a trademark of Southwire Company

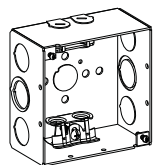
METAL STUD BRACKET FEATURES

- ▶ U.S. Patent No.: 8,262,043 Metal Stud (MS) Bracket engages on either side of metal stud
- ▶ **Model Revised Feb. 2008

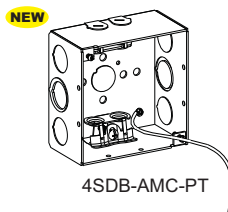
BOXES WITH PIGTAIL FEATURES

- ▶ 7" Solid Cu. #12AWG Pigtail pre-assembled with Ground Emboss and 10-32 Ground Screw
- ▶ 10" Pigtail for 4SDB-AMC-PT
- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

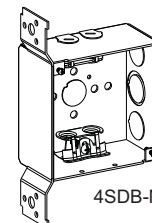
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SDB-MC	-	4 - 1/2", 2 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-AMC-PT NEW	-	4 - 1/2", 2 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-MC-FB	FB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-MC-FB-PT	FB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-MC-B	B, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-MC-MS**	MS, Self-Gripping	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
4SDB-MC-MS-PT**	MS, Self-Gripping	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24
*4SDB-MC-WB	WB, Flush	2 - 1/2", 1 - MKO, 4 - Loom	1 - 1/2"	24



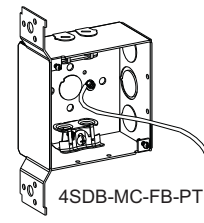
4SDB-MC



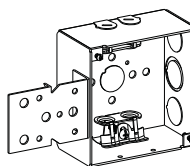
4SDB-AMC-PT



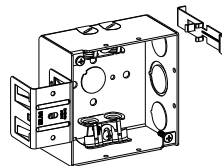
4SDB-MC-FB



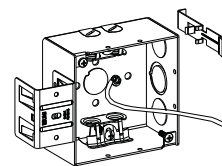
4SDB-MC-FB-PT



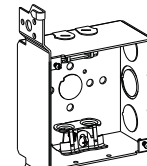
4SDB-MC-B



4SDB-MC-MS**



4SDB-MC-MS-PT**



*4SDB-MC-WB

4SDB-AMC-PT FEATURES



Designated ground screw position provides the compatibility with bar hanger brackets (BHA-16 & BHA-24) See Pg. A40

Angled Screw Clamp design provides the accessibility even when the ring is installed.



*While Supplies Last

www.orbitelectric.com

4" SQUARE (4S) DEEP BOXES

WELDED

2-1/8" DEEP

30.3 Cu. In.

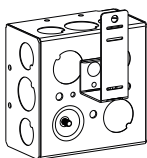
WITH RAISED GROUND EMBOSS

BOXES WITH PIGTAIL FEATURES

- ▶ 10" Solid Cu. #12AWG Pigtail pre-assembled with Ground Emboss and 10-32 Ground Screw

BSA FEATURES

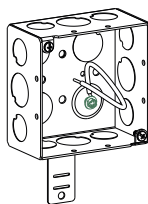
- ▶ Back Support Arm installed provides support for studs up to 6" deep
- ▶ An excellent choice for pre-fab applications



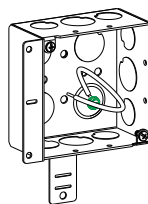
ADJUSTABLE RINGS FEATURES

- ▶ For more information see Page A14-15

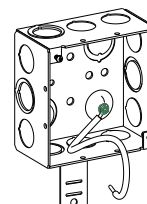
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SDB-50/75-PT-BSA	With Back Support Arm	8 - 1/2", 4 - 3/4"	1 - 1/2", 2 - 3/4"	24
4SDB-50/75-AB-PT-BSA	With AB, Flush, Back Support Arm	6 - 1/2", 3 - 3/4"	1 - 1/2", 2 - 3/4"	24
4SDB-MKO-PT-BSA	With Back Support Arm	8 - 1/2", 4 - MKO	1 - 1/2", 2 - MKO	24
4SDB-MKO-AB-PT-BSA	With AB, Flush, Back Support Arm	6 - 1/2", 3 - MKO	1 - 1/2", 2 - MKO	24
4SDB-MKO-AR1G	AB, Flush, Back Support Arm w/ 4SA1RG	6 - 1/2", 3 - MKO	1 - 1/2", 2 - MKO	24
4SDB-MKO-AR2G	AB, Flush, Back Support Arm w/ 4SA2RG	6 - 1/2", 3 - MKO	1 - 1/2", 2 - MKO	24



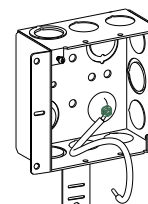
4SDB-50/75-PT-BSA



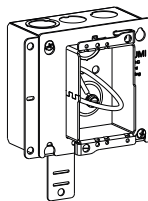
4SDB-50/75-AB-PT-BSA



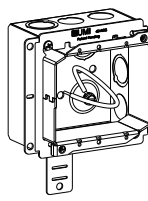
4SDB-MKO-PT-BSA



4SDB-MKO-AB-PT-BSA



4SDB-MKO-AR1G



4SDB-MKO-AR2G

**Fully Assembled with
Adjustable Ring,
10" Ground Pigtail &
Adjustable Back Support**

4" SQUARE (4S) EXTRA DEEP BOXES

WELDED

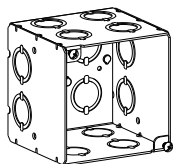
3-1/2" DEEP

46.0 Cu. In.

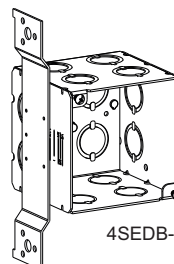
PRODUCT FEATURES

- ▶ Durable Red Powder Coat Finish

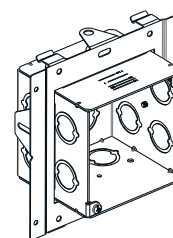
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
4SEDB-CKO	-	12 - CKO	4 - CKO	24
*FA-4SEDB-CKO	-	12 - CKO	4 - CKO	24
4SEDB-CKO-FB	FB, 1/2" thru 1-1/4"	10 - CKO	4 - CKO	10
*FA-4SEDB-CKO-FB	FB, 1/2" thru 1-1/4"	10 - CKO	4 - CKO	10
UMAB	Stud-mount, adjustable 0" thru 1-1/2"	8 - CKO	4 - CKO	10
*FA-UMAB	Stud-mount, adjustable 0" thru 1-1/2"	8 - CKO	4 - CKO	10



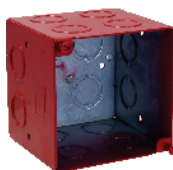
4SEDB-CKO



4SEDB-CKO-FB



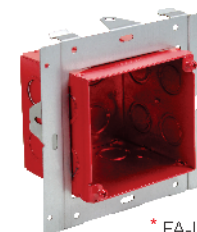
UMAB



*FA-4SEDB-CKO



*FA-4SEDB-CKO-FB

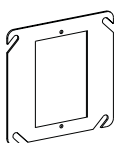


*FA-UMAB

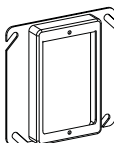
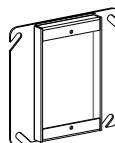
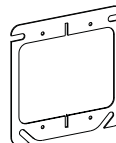
- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

4" SQUARE (4S)
1-GANG & 2-GANG
DEVICE RINGS
FLAT, DRAWN & TILE (T)

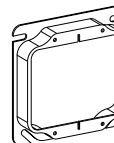
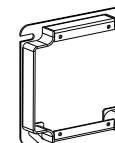
Cat. No.	Cat. No.	Description	Gangs	Cu. In.	Std. Pkg.
41000	-	Flat	1	-	50
41025	-	Raised 1/4"	1	1.8	50
41050	41050T	Raised 1/2"	1	3.8	50
41058	-	Raised 5/8"	1	4.3	50
41075	41075T	Raised 3/4"	1	5.5	50
41100	41100T	Raised 1"	1	7.5	25
41125	41125T	Raised 1-1/4"	1	9.4	25
41150	41150T	Raised 1-1/2"	1	11.2	25
41200	41200T	Raised 2"	1	14.4	25
42000	-	Flat	2	-	50
42025	-	Raised 1/4"	2	3.0	50
42050	42050T	Raised 1/2"	2	5.8	50
42058	-	Raised 5/8"	2	7.5	50
42075	42075T	Raised 3/4"	2	8.8	50
42100	42100T	Raised 1"	2	11.8	25
42125	42125T	Raised 1-1/4"	2	14.5	25
42150	42150T	Raised 1-1/2"	2	15.5	25
42200	42200T	Raised 2"	2	20.7	25



41000


 41025
 41050
 41058
 41075
 41100
 41125
 41150
 41200

 41050T
 41075T
 41100T
 41125T
 41150T
 41200T


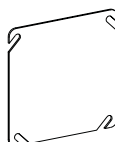
42000


 42025
 42050
 42058
 42075
 42100
 42125
 42150
 42200

 42050T
 42075T
 42100T
 42125T
 42150T
 42200T

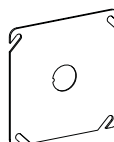
4" SQUARE (4S)
COVERS
FLAT OR DRAWN
NOTE

► *Available in Durable Red Powder Coat Finish (Pg. A24)

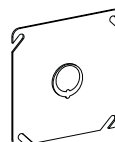
Cat. No.	Description	Cu. Inch	Std. Pkg.
*4BC	Flat, Blank	-	50
4BCK	Flat, 1/2" KO	-	50
4BC-MKO	Flat, MKO	-	50
43000	Flat, Open, Ears 2-3/4" O.C.	-	50
43050	Raised 1/2", Open, Ears 2-3/4" O.C.	3.0	50
43058	Raised 5/8", Open, Ears 2-3/4" O.C.	4.0	50
43075	Raised 3/4", Open, Ears 2-3/4" O.C.	5.0	50
43100	Raised 1", Open, Ears 2-3/4" O.C.	6.8	25
43125	Raised 1-1/4", Open, Ears 2-3/4" O.C.	8.5	25
43150	Raised 1-1/2", Open, Ears 2-3/4" O.C.	9.7	25
43200	Raised 2", Open, Ears 2-3/4" O.C.	12.9	25



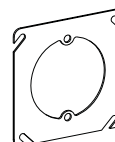
*4BC



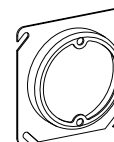
4BCK



4BC-MKO



43000

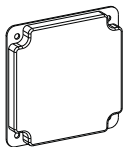

 43050
 43058
 43075
 43100
 43125
 43150
 43200

4" SQUARE (4S) INDUSTRIAL COVERS RAISED 1/2"

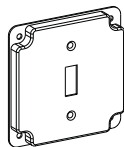
7.0 Cu. In.

WITH CRUSHED CORNERS
(Except for 4414, 4424, 4444)

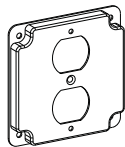
Cat. No.	Description	Std. Pkg.
4400	Blank	50
4401	Toggle Switch	50
4402	Duplex Receptacle	50
4403	Single Receptacle, 15A, 1.406" diameter	50
4404	GFCI or Decorative Switch	50
4405	Power Outlet, 20A, 1.60" diameter	50
4406	Power Outlet, 30A Locking, 1.750" diameter	50
4407	Power Outlet, 40 to 50A, 2.155" diameter	50
4408	Power Outlet, 30 to 60A, 2.625" diameter	50
4409	Power Outlet, 40 to 50A, 2.155" diameter, off-centered	50
4411	2 Toggle Switches	50
4412	Toggle Switch / Duplex	50
4413	Toggle Switch / Single Receptacle, 1.406" diameter	50
4414C NEW	Toggle Switch / GFCI	50
4414	Toggle Switch / GFCI	50
4422	2 Duplex Receptacles	50
4423	Duplex / Single Receptacle, 1.406" diameter	50
4424C NEW	Duplex / GFCI	50
4424	Duplex / GFCI	50
4433	2 Single Receptacles, 1.406" diameter each	50
4444C NEW	2 GFCIs or 2 Decorative Switches	50
4444	2 GFCIs or 2 Decorative Switches	50



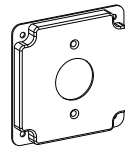
4400



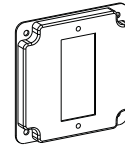
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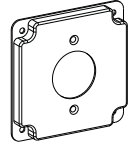
4402



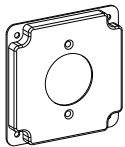
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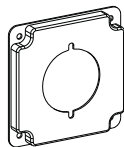
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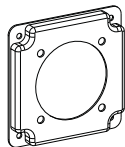
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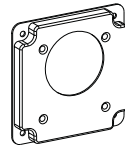
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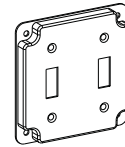
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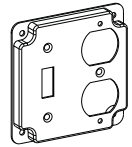
4408



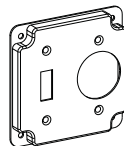
4409



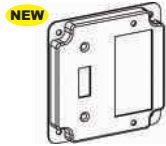
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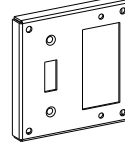
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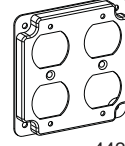
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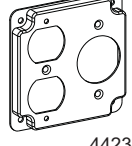
4414C



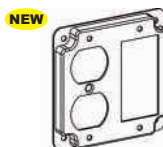
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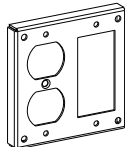
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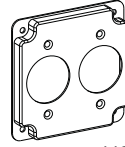
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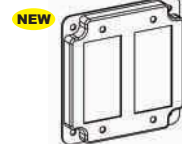
4424C



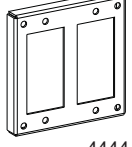
4424



4433



4444C



4444

4" SQUARE (4S) ADJUSTABLE RINGS

PRODUCT FEATURES

- ▶ For use with 4" square 2-1/8" or deeper boxes
- ▶ 1/4" to 1-1/4" adjustability range
- ▶ Rings achieve a flush finish every time
- ▶ Compatible with exclusive extensions for infinite wall depths

U.S. PATENT NO.:

7,468,486



**Video Available
On Our Website!**

EXTENSIONS AND ACCESSORIES

PRODUCT FEATURES

- ▶ Extensions ensure flush finish regardless of wall thickness
- ▶ Attach to adjustable ring for additional 3/4" of depth
- ▶ Mount easily to ring with two 8-32 screws
- ▶ Multiple extensions can be installed on one ring

U.S. PATENT NO.:

7,468,486

Cat. No.	Description	Standard	With One Extension Installed		Std. Pkg.
			+ 1GX75	+ 2GX75	
4SAR1G	1-Gang Adjustable Ring for 4" Sq. Deep Boxes	1/4" to 1-1/4"	1" to 2"	-	25
4SAR2G	2-Gang Adjustable Ring for 4" Sq. Deep Boxes	1/4" to 1-1/4"	-	1" to 2"	25



4SAR1G



4SAR2G



ACCESSIBLE ADJUSTABILITY

Corner screws are easily accessible for adjustment before and after the device has been installed

Cat. No.	Description	For Use With	Std. Pkg.
1GX75	1-Gang 3/4" Extension	4SAR1G, 5SAR1G, or WBAR1G Only	50
2GX75	2-Gang 3/4" Extension	4SAR2G, 5SAR2G, or WBAR2G Only	50
UPC	Gangable, Steel Universal Protective Cover protects any device during drywall, painting, routing, mudding & plastering		25
UPCTS	Optional Plastic Insert for UPC to protect Toggle Switch		25



1GX75



2GX75



UPC



UPCTS



Exploded View



Complete UPC Assembly Shown
Installed with Toggle Switch

STUD MOUNTING ADJUSTABLE RINGS

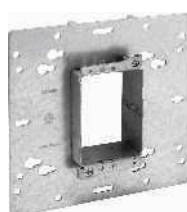
PRODUCT FEATURES

- ▶ Accepts 4" or 4-11/16" square boxes in line voltage applications
- ▶ Mount to any stud, shear wall, 6" X 6" NEMA 1 enclosure, Simple Support Bracket (Pg. P1) or Ultimate Support Bracket (Pg. P5)
- ▶ Can be used standalone for low voltage communications applications

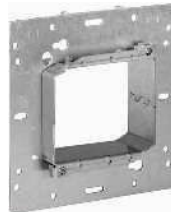
U.S. PATENT NO.:

7,468,486

Cat. No.	Description	Standard	With One Extension Installed		Std. Pkg.
			+ 1GX75	+ 2GX75	
WBAR1G	1-Gang Universal Box Bracket	1/4" to 1-1/4"	1" to 2"	-	25
WBAR2G	2-Gang Universal Box Bracket	1/4" to 1-1/4"	-	1" to 2"	25



WBAR1G



WBAR2G



WBAR on the 6" x 6" NEMA Enclosure

UL-APPROVED ADJUSTABLE RINGS

PRODUCT FEATURES

- ▶ Can be adjusted on the jobsite for a quick installation
- ▶ Adjusts to achieve a flush finish every time
- ▶ Patented design provides strong electrical and mechanical connections to meet UL requirements
- ▶ *For Fixture/Luminaire Support of 50 lbs or less

**INDUSTRY'S ONLY
UL LISTED**

**4-11/16" SQ.
ADJ. RINGS**

Cat. No.	Description	Adjustability Range	Std. Pkg.
4AR1G-58	1-Gang Adjustable Ring for 4" Square Boxes	5/8" to 1-1/4"	25
4AR1G-34	1-Gang Adjustable Ring for 4" Square Boxes	3/4" to 1-1/2"	25
4AR2G-58	2-Gang Adjustable Ring for 4" Square Boxes	5/8" to 1-1/2"	25
5AR1G-58 NEW	1-Gang Adjustable Ring for 4-11/16" Square Boxes	5/8" to 1-1/4"	25
5AR2G-58 NEW	2-Gang Adjustable Ring for 4-11/16" Square Boxes	5/8" to 1-1/2"	25
*4ARR-34	Round Adjustable Ring for 4" Square Boxes	3/4" to 1-1/2"	25
3GAR-34	3-Gang Adjustable Ring	3/4" to 1-1/2"	25



4AR1G-58



4AR1G-34



4AR2G-58

NEW

5AR1G-58

NEW

5AR2G-58



* 4ARR-34



3GAR-34

4" SQUARE (4S) BOXES LOW-VOLTAGE PARTITIONS

- ▶ Not compatible with Adj. Rings

Cat. No.	Description	For Use with 2-Gang Rings:	Std. Pkg.
4SP-100	For Use With 1-1/2" Deep Boxes	Flat, 1/4", 1/2", 3/4", 1"	25
4SP-200	For Use With 1-1/2" Deep Boxes	5/8", 1-1/4", 1-1/2", 1-3/4", 2"	25
4SDP-100	For Use With 2-1/8" Deep Boxes	Flat, 1/4", 1/2", 3/4", 1"	25
4SDP-200	For Use With 2-1/8" Deep Boxes	5/8", 1-1/4", 1-1/2", 1-3/4", 2"	25



4SP-100



4SP-200



4SDP-100



4SDP-200

4-11/16" SQUARE (5S) BOXES

DRAWN

2-1/8" DEEP

42.0 Cu. In.

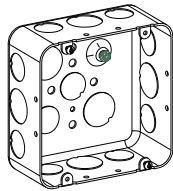
**WITH RAISED GROUND EMBOSS
& 10-32 GROUND SCREW**

BOXES WITH PIGTAIL FEATURES

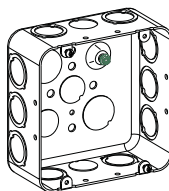
► 10" Pigtail for D5SDB-CKO-PT-10



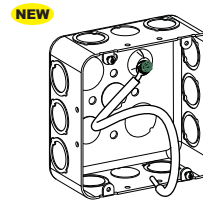
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
D5SDB-50/75	-	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	24
D5SDB-CKO	-	2 - 1/2", 10 - CKO	2 - 1/2", 2 - 3/4"	24
D5SDB-CKO-PT-10 NEW	-	2 - 1/2", 10 - CKO	2 - 1/2", 2 - 3/4"	24
*D5SDB-50/75-FB	FB, Flush	6 - 1/2", 3 - 3/4"	2 - 1/2", 2 - 3/4"	24
*D5SDB-CKO-FB	FB, Flush	2 - 1/2", 7 - CKO	2 - 1/2", 2 - 3/4"	24
D5SDB-CKO-S	-	2 - 1/2", 10 - CKO	3 - 3/4"	24



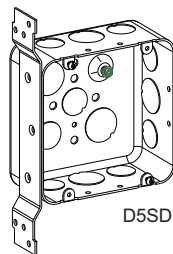
D5SDB-50/75



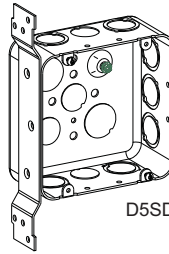
D5SDB-CKO



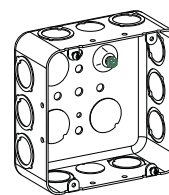
D5SDB-CKO-PT-10



D5SDB-50/75-FB



D5SDB-CKO-FB



D5SDB-CKO-S

4-11/16" SQUARE (5S) SHALLOW BOX & EXTENSION RING

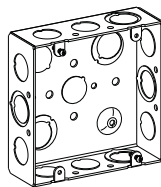
WELDED

1-1/2" DEEP

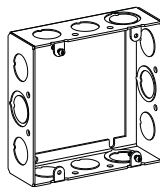
29.5 Cu. In.

**WITH RAISED GROUND EMBOSS
(EXCEPT FOR EXTENSION RING)**

Cat. No.	Knockouts		Std. Pkg.
	Sides	Bottom	
5SSB-MKO	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
5SSB-MKO-EXT	8 - 1/2", 4 - MKO	-	24



5SSB-MKO



5SSB-MKO-EXT

► **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V

► Visit www.ul.com or QCIT Guide on page W1 for more information

4-11/16" SQUARE (5S) BOXES

WELDED

2-1/8" DEEP

42.0 Cu. In.

**WITH RAISED GROUND EMBOSS
(EXCEPT FOR BRACKETED BOXES
AND EXTENSION RINGS)**

METAL STUD BRACKET FEATURES

- ▶ U.S. Patent No.: 8,262,04
- ▶ Metal Stud (MS) Bracket engages on either side of metal stud
- **Model Revised Feb. 2008

BOXES WITH PIGTAIL FEATURES

- ▶ 7" Solid Cu. #12AWG Pigtail Pre-assembled with Ground Emboss and 10-32 Ground Screw
- ▶ 10" Pigtail for BSA Series & A-PT

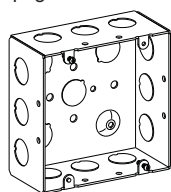
BSA FEATURES

- ▶ See page A11

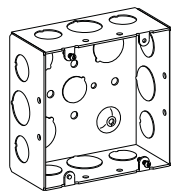
NOTE

- ▶ *Available in Durable Red Powder Coat Finish, see page A24
- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

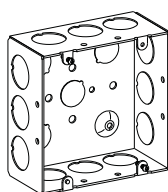
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
5SDB-50	-	12 - 1/2"	4 - 1/2"	24
5SDB-50/75	-	8 - 1/2", 4 - 3/4"	2 - 1/2", 2 - 3/4"	24
5SDB-75	-	12 - 3/4"	2 - 1/2", 2 - 3/4"	24
5SDB-75/100	-	4 - 3/4", 4 - 1"	2 - 1/2", 2 - 3/4"	24
5SDB-100	-	8 - 1"	2 - 1/2", 2 - 3/4"	24
5SDB-125	-	6 - 1-1/4"	2 - 1/2", 2 - 3/4"	24
*5SDB-MKO	-	2 - 1/2", 10 - MKO	2 - 1/2", 2 - MKO	24
5SDB-MKO-PT	-	2 - 1/2", 10 - MKO	2 - 1/2", 2 - MKO	24
5SDB-MKO-A-PT NEW	-	12 - MKO	1 - 1/2", 3 - MKO	24
*5SDB-50-FB	FB, Flush	9 - 1/2"	5 - 1/2"	24
5SDB-50/75-FB	FB, Flush	6 - 1/2", 3 - 3/4"	3 - 1/2", 2 - 3/4"	24
*5SDB-75-FB	FB, Flush	9 - 3/4"	3 - 1/2", 2 - 3/4"	24
5SDB-75/100-FB	FB, Flush	3 - 3/4", 3 - 1"	3 - 1/2", 2 - 3/4"	24
5SDB-100-FB	FB, Flush	6 - 1"	3 - 1/2", 2 - 3/4"	24
5SDB-MKO-FB	FB, Flush	2 - 1/2", 7 - MKO	3 - 1/2", 2 - MKO	24
*5SDB-MKO-MS**	MS, Self-Gripping + Box Support Clip	2 - 1/2", 7 - MKO	3 - 1/2", 2 - MKO	24
5SDB-50/75-EXT	-	8 - 1/2", 4 - 3/4"	-	24
5SDB-MKO-EXT	-	2 - 1/2", 10 - MKO	-	24
5SDB-50/75-PT-BSA	Back Support Arm	8 - 1/2", 4 - 3/4"	3 - 3/4"	24
5SDB-50/75-AB-PT-BSA	AB, Flush, Back Support Arm	6 - 1/2", 3 - 3/4"	3 - 3/4"	24



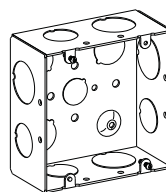
5SDB-50



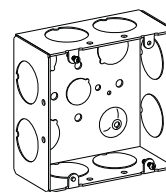
5SDB-50/75



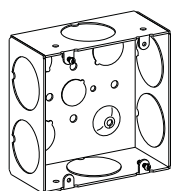
5SDB-75



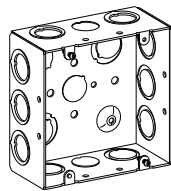
5SDB-75/100



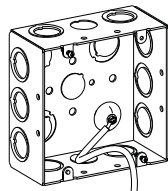
5SDB-100



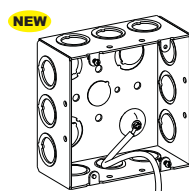
5SDB-125



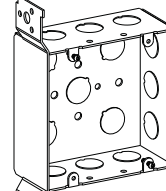
*5SDB-MKO



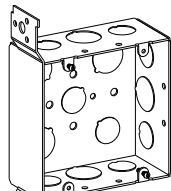
5SDB-MKO-PT



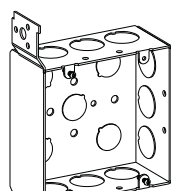
5SDB-MKO-A-PT



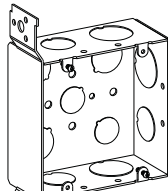
*5SDB-50-FB



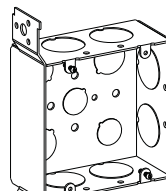
5SDB-50/75-FB



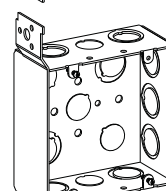
*5SDB-75-FB



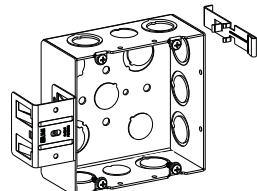
5SDB-75/100-FB



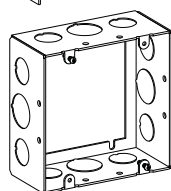
5SDB-100-FB



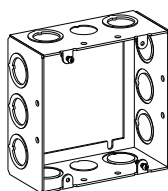
5SDB-MKO-FB



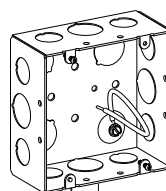
*5SDB-MKO-MS**



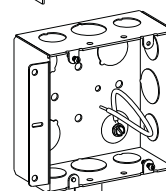
5SDB-50/75-EXT



5SDB-MKO-EXT



5SDB-50/75-PT-BSA



5SDB-50/75-AB-PT-BSA

4-11/16" SQUARE (5S) BOXES

WELDED
2-1/8" DEEP

42.0 Cu. In.

BX/MC CLAMP

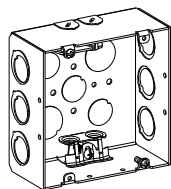
- ▶ All MC series boxes are suitable for use with MCAP™-Aluminum
- ▶ MCAP is a trademark of Southwire Company

METAL STUD BRACKET

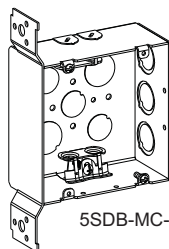
- ▶ U.S. Patent No.: 8,262,043 Metal Stud (MS) Bracket Engages On Either Side Of A Metal Stud

****Model Revised Feb. 2008**

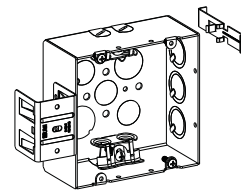
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
5SDB-MC	-	6 - MKO, 4 - Loom	3 - 1/2", 2 - 3/4"	24
5SDB-MC-FB	FB, Flush	3 - MKO, 4 - Loom	3 - 1/2", 2 - 3/4"	24
5SDB-MC-MS**	MS, Self-Gripping + Box Support Clip	3 - MKO, 4 - Loom	3 - 1/2", 2 - 3/4"	24
5SDB-MC2-MS**	MS, Self-Gripping + Box Support Clip	1 - MKO, 8 - Loom	1 - MKO	24



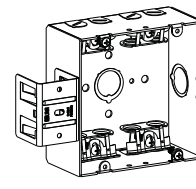
5SDB-MC



5SDB-MC-FB



5SDB-MC-MS**



5SDB-MC2-MS**

4-11/16" SQUARE (5S) LARGE CAPACITY BOX

WELDED
2-1/2" DEEP

49.4 Cu. In.

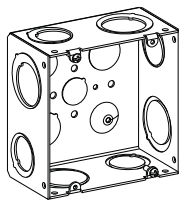
WITH RAISED GROUND EMBOSS & TWO #8-32 x 1/2" MOUNTING SCREWS

PRODUCT FEATURES

- ▶ Suitable for Datacom & Electrical Applications
- ▶ *Durable Blue Powder Coat Finish



Cat. No.	Knockouts		Std. Pkg.
	Sides	Bottom	
5SLB-2MKO	4 - 3/4" & 1" MKO 4 - 1" & 1-1/4" MKO	2 - 1/2", 2 - 3/4"	24
*B-5SLB NEW	4 - 3/4" & 1" MKO 4 - 1" & 1-1/4" MKO	2 - 1/2", 2 - 3/4"	24



5SLB-2MKO

NEW


*B-5SLB

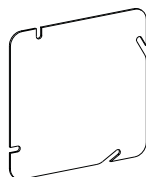
4-11/16" SQUARE (5S) COVERS

FLAT OR DRAWN

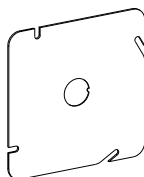
NOTE

- ▶ *Available in Durable Red Powder Coat Finish, see page A24

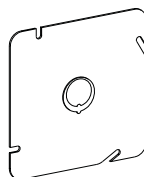
Cat. No.	Description	Cu. Inch	Std. Pkg.
*5BC	Flat, Blank	-	50
5BCK	Flat, 1/2" KO	-	50
5BC-MKO	Flat, MKO	-	50
53000	Flat, Open, Ears 2-3/4" O.C.	-	50
53050	Raised 1/2", Open, Ears 2-3/4" O.C.	3.0	50
53058	Raised 5/8", Open, Ears 2-3/4" O.C.	4.0	50
53075	Raised 3/4", Open, Ears 2-3/4" O.C.	5.0	50
53100	Raised 1", Open, Ears 2-3/4" O.C.	6.8	25
53125	Raised 1-1/4", Open, Ears 2-3/4" O.C.	8.5	25
53150	Raised 1-1/2", Open, Ears 2-3/4" O.C.	9.7	25
53200	Raised 2", Open, Ears 2-3/4" O.C.	12.9	25



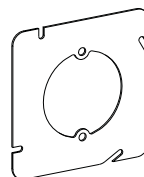
*5BC



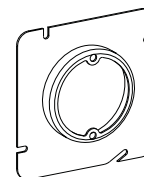
5BCK



5BC-MKO



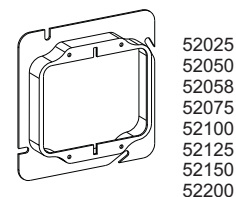
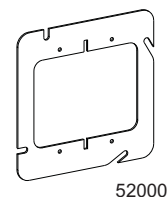
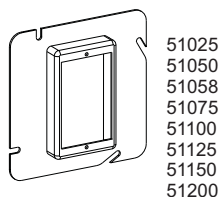
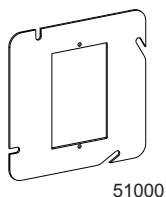
53000


 53050
 53058
 53075
 53100
 53125
 53150
 53200

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

4-11/16" SQUARE (5S) 1-GANG & 2-GANG DEVICE RINGS FLAT, DRAWN

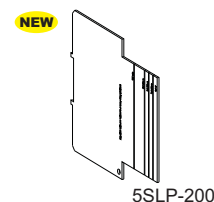
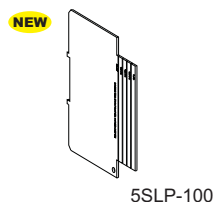
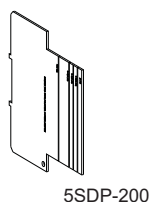
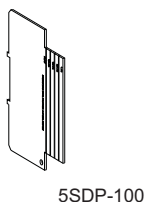
Cat. No.	Description	Gangs	Cu. Inch	Std. Pkg.
51000	Flat	1	-	50
51025	Raised 1/4"	1	1.8	50
51050	Raised 1/2"	1	3.8	50
51058	Raised 5/8"	1	4.3	50
51075	Raised 3/4"	1	5.5	50
51100	Raised 1"	1	7.5	25
51125	Raised 1-1/4"	1	9.4	25
51150	Raised 1-1/2"	1	11.2	25
51200	Raised 2"	1	14.4	25
52000	Flat	2	-	50
52025	Raised 1/4"	2	3.0	50
52050	Raised 1/2"	2	5.8	50
52058	Raised 5/8"	2	7.5	50
52075	Raised 3/4"	2	8.8	50
52100	Raised 1"	2	11.8	25
52125	Raised 1-1/4"	2	14.5	25
52150	Raised 1-1/2"	2	15.5	25
52200	Raised 2"	2	20.7	25



4-11/16" SQUARE (5S) BOXES LOW-VOLTAGE PARTITIONS

► Not compatible with Adj. Rings

Cat. No.	Description	For Use with 2-Gang Rings:	Std. Pkg.
5SDP-100	For use with 2-1/8" Deep Boxes	Flat, 1/4", 1/2", 3/4", 1"	25
5SDP-200	For use with 2-1/8" Deep Boxes	5/8", 1-1/4", 1-1/2", 1-3/4", 2"	25
5SLP-100 NEW	For use with 2-1/2" Deep Boxes	Flat, 1/4", 1/2", 3/4", 1"	25
5SLP-200 NEW	For use with 2-1/2" Deep Boxes	5/8", 1-1/4", 1-1/2", 1-3/4", 2"	25

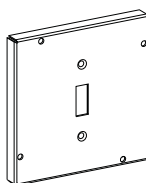


4-11/16" SQUARE (5S) INDUSTRIAL COVERS RAISED 1/2"

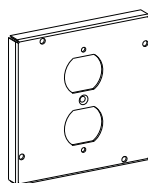
10 Cu. In.



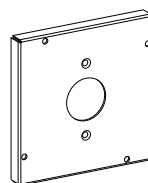
Cat. No.	Description	Std. Pkg.
5501	Toggle Switch	25
5502	Duplex Receptacle	25
5503	Single Receptacle, 15A, 1.406" diameter	25
5504	GFCI or Decorative Switches	25
5505	Power Outlet, 20A, 1.60" diameter	25
5506	Power Outlet, 30A Locking, 1.750" diameter	25
5507	Power Outlet, 30 to 50A, 2.156" diameter	25
5508	Power Outlet, 30 to 60A, 2.625" diameter	25
5511	2 Toggle Switches	25
5512	Toggle Switch / Duplex Receptacle	25
5514	Toggle Switch / GFCI or Decorative Switches	25
5522	2 Duplex Receptacles	25
5524	Duplex Receptacle / GFCI or Decorative Switches	25
5544	2 GFCIs or 2 Decorative Switches	25



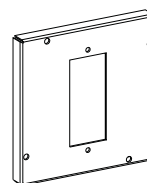
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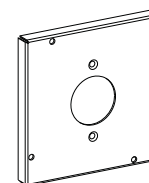
5502



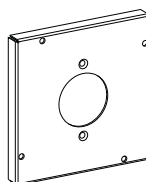
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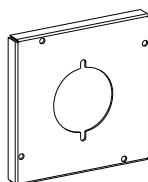
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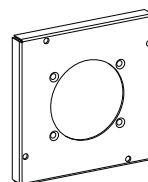
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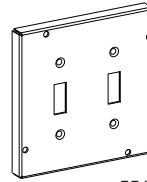
5506



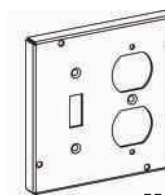
5507



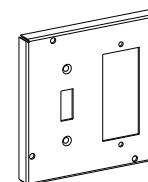
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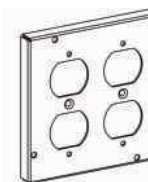
5511



5512



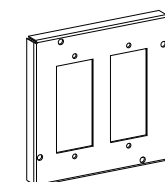
5514



5522



5524



5544

UL APPROVED 4-11/16" SQUARE (5S) ADJUSTABLE RINGS

PRODUCT FEATURES

- ▶ Industry's ONLY UL-Listed 4-11/16" Adjustable Rings
- ▶ Can be adjusted on the jobsite for a quick installation
- ▶ Adjusts to achieve a flush finish every time
- ▶ Patented design provides strong electrical and mechanical connections to meet UL requirements

Cat. No.	Description	Adjustability Range	Std. Pkg.
5AR1G-58 NEW	1-Gang Adjustable Ring for 4-11/16" Square Boxes	5/8" to 1-1/4"	25
5AR2G-58 NEW	2-Gang Adjustable Ring for 4-11/16" Square Boxes	5/8" to 1-1/2"	25

NEW



5AR1G-58

NEW



5AR2G-58

**INDUSTRY'S ONLY
UL LISTED**
4-11/16" SQ.
ADJ. RINGS

4-11/16" SQUARE (5S) ADJUSTABLE RINGS

PRODUCT FEATURES

- ▶ For use with 4-11/16" Square (5S) 2-1/8" or deeper boxes
- ▶ 1/4" to 1-1/4" adjustability range
- ▶ Rings achieve a flush finish every time
- ▶ Compatible with exclusive extensions for infinite wall depths

U.S. PATENT NO.:

7,468,486



**Video Available
On Our Website!**

Cat. No.	Description	Standard	With One Extension Installed		Std. Pkg.
			+ 1GX75	+ 2GX75	
5SAR1G	1-Gang Adjustable Ring for 4-11/16" Sq. Deep Boxes	1/4" to 1-1/4"	1" to 2"	-	25
5SAR2G	2-Gang Adjustable Ring for 4-11/16" Sq. Deep Boxes	1/4" to 1-1/4"	-	1" to 2"	25



5SAR1G



5SAR2G



ACCESSIBLE ADJUSTABILITY

Corner screws are easily accessible for adjustment before and after the device has been installed

EXTENSIONS AND ACCESSORIES

PRODUCT FEATURES

- ▶ Extensions ensure flush finish regardless of wall thickness
- ▶ Attach to adjustable ring for additional 3/4" of depth
- ▶ Mount easily to ring with two 8-32 screws
- ▶ Multiple extensions can be installed on one ring

U.S. PATENT NO.:

7,468,486

Cat. No.	Description	For Use With	Std. Pkg.
1GX75	1-Gang 3/4" Extension	4SAR1G, 5SAR1G, or WBAR1G Only	50
2GX75	2-Gang 3/4" Extension	4SAR2G, 5SAR2G, or WBAR2G Only	50
UPC	Gangable, Steel Universal Protective Cover protects any device during drywall, painting, routing, mudding & plastering		25
UPCTS	Optional Plastic Insert for UPC to protect Toggle Switch		25



1GX75



2GX75



UPC



UPCTS



Exploded View



Complete UPC Assembly Shown
Installed with Toggle Switch

STUD MOUNTING ADJUSTABLE RINGS

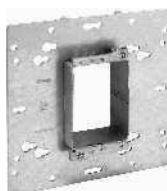
PRODUCT FEATURES

- ▶ Accepts 4" or 4-11/16" square boxes in line voltage applications
- ▶ Mount to any stud, shear wall, 6" X 6" NEMA 1 enclosure, Simple Support Bracket (Pg. P1) or Ultimate Support Bracket (Pg. P5)
- ▶ Can be used standalone for low voltage communications applications

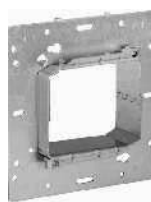
U.S. PATENT NO.:

7,468,486

Cat. No.	Description	Standard	With One Extension Installed		Std. Pkg.
			+ 1GX75	+ 2GX75	
WBAR1G	1-Gang Universal Box Bracket	1/4" to 1-1/4"	1" to 2"	-	25
WBAR2G	2-Gang Universal Box Bracket	1/4" to 1-1/4"	-	1" to 2"	25



WBAR1G



WBAR2G



WBAR on the 6" x 6" NEMA Enclosure

TRUE 5" SQUARE BOXES

WELDED

3-1/4" DEEP

75.6 Cu. In.

WITH RAISED GROUND EMBOSS

PRODUCT FEATURES

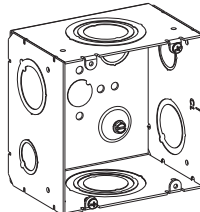
- ▶ More than double capacity compared to 4" square boxes
- ▶ Extra space easily meets minimum bend radius for easier installations
- ▶ Increased space reduces short circuits and ground faults due to space and cable stress
- ▶ Supports all current copper CAT and fiber optic cables as well as predicted increases

Cat. No.	Knockouts		Std. Pkg.
	Sides	Bottom	
T5B-200 NEW	2 - 1" to 2" CKO 2 - 1" & 1-1/4" MKO 2 - 1/2" & 3/4" MKO	1 - 1/2" 1 - 1/2" & 3/4" MKO 1 - 3/4" & 1" MKO	12
T5B-50/200 NEW	8 - 1/2" 2 - 1" to 2" CKO 4 - 1/2" & 3/4" CKO	1 - 1/2" 1 - 1/2" & 3/4" MKO 1 - 3/4" & 1" MKO	12

NEW



T5B-200

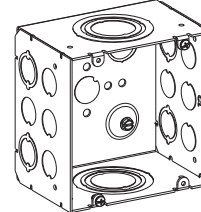


T5B-200
5" x 5" x 3-1/4"

NEW



T5B-50/200



T5B-50/200
5" x 5" x 3-1/4"

INSTALLATION

Brackets allow for 4" ring compatibility!



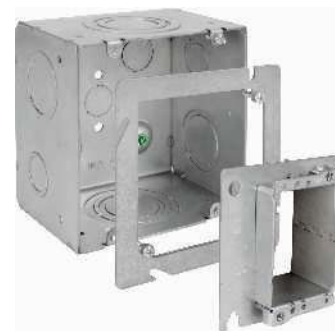
BETWEEN STUDS

FMB-16 Shown Installed
True 5" Sq. Box Brackets on page P7-9



STUD MOUNT

UMA-LVBS Shown Installed
Dual-direction Stud Mount Bracket on page P1



REDUCER

Use 4" Rings on
True 5" Boxes with T5R

5" SQUARE BOXES ACCESSORIES

PRODUCT FEATURES

- ▶ Steel Partitions allows for multi-system installations inside junction box

Cat. No.	Description	For Use with 2-Gang Rings:	Pkg.
T5C NEW	True 5" Blank Cover		50
T5R NEW	True 5" Reducer Cover, 4" Sq. Opening		50
T5P-100 NEW	True 5" Square Box Partition For 3-1/4" Deep Boxes	Flat to 1"	25
T5P-200 NEW	True 5" Square Box Partition For 3-1/4" Deep Boxes	5/8", 1-1/4" to 2"	25

NEW



T5C

NEW



T5R

NEW



T5P-100

NEW



T5P-200

LARGE CAPACITY DATA BOXES AND COVERS

WELDED

WITH RAISED GROUND EMBOSS

PRODUCT FEATURES

- Provides easy identification of products containing cabling of Data Systems
- Prevents need for repainting
- Increased space reduces short circuits and ground faults due to space and cable stress
- Durable Blue Powder Coat Finish

Cat. No.	Description	Knockouts		Std. Pkg.
		Sides	Bottom	
B-5BC <small>NEW</small>	Blue 4-11/16" Square Blank Cover	-	-	50
B-5SLB <small>NEW</small>	Blue 4-11/16" Square 2-1/2" Deep Large Capacity Box	4 - 3/4" & 1" MKO 4 - 1" & 1-1/4" MKO	2 - 1/2", 2 - 3/4"	24
5SLB-2MKO	4-11/16" Square 2-1/2" Deep Large Capacity Box	4 - 3/4" & 1" MKO 4 - 1" & 1-1/4" MKO	2 - 1/2", 2 - 3/4"	24
B-T5C <small>NEW</small>	Blue True 5" Square Blank Cover	-	-	50
B-T5B <small>NEW</small>	Blue True 5" Square 3-1/4" Deep Box	2 - 1" to 2" CKO 2 - 1" & 1-1/4" MKO 2 - 1/2" & 3/4" MKO	1 - 1/2" 1 - 1/2" & 3/4" MKO 1 - 3/4" & 1" MKO	12

NEW



B-5BC

NEW



B-5SLB



5SLB-2MKO

NEW



B-T5C

NEW

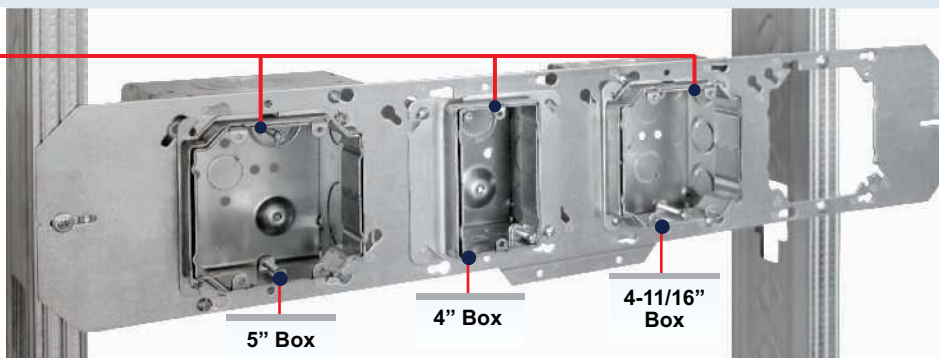


B-T5B

*Compatible with
Orbit's Fixed Brackets
See Page P7~9*

INSTALLATION

**4" Ring Fits
Any Size Box**



FB-4 SHOWN INSTALLED

The Flat Bracket can be positioned to accommodate irregular stud spacings.
See page P7-8 for more details

FIRE ALARM BOXES & COVERS

PRODUCT FEATURES

- ▶ Provide easy identification of products containing cabling of Fire Alarm Systems
- ▶ Prevent need for repainting
- ▶ Industrial, Commercial or Residential Use
- ▶ Durable Red Powder Coat Finish

NOTE

- ▶ Additional specs located with corresponding models without red finish in catalog
- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls (4S Box only)
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

Cat. No.	Description	Knockouts		Std. Pkg.
		Sides	Bottom	
*FA-4RBC	Red 4" Octagon Blank Cover	-	-	50
FA-4BC	Red 4" Square Blank Cover	-	-	50
FA-4SB-MKO	Red 4" Square, 1-1/2" Deep Box	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	50
FA-4SB-MKO-EXT	Red 4" Square, 1-1/2" Deep Extension	8 - 1/2", 4 - MKO	-	50
FA-4SDB-MKO	Red 4" Square, 2-1/8" Deep Box	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
FA-4SDB-MKO-FB	Red 4" Square, 2-1/8" Deep Box w/FB Bracket	8 - 1/2", 4 - MKO	2 - 1/2", 2 - MKO	24
FA-4SEDB-CKO	Red 4" Square, 3-1/2" Deep Box	12 - CKO	4 - CKO	24
FA-4SEDB-CKO-FB	Red 4" Square, 3-1/2" Deep Box w/FB Bracket	10 - CKO	4 - CKO	10
FA-UMAB	Red 4" Square, 3-1/2" Deep Box w/ADJ. BRKT, 0 - 1-1/2"	12 - CKO	4 - CKO	10
FA-5BC	Red 4-11/16" Square Blank Cover	-	-	50
FA-5SDB-MKO	Red 4-11/16" Square, 2-1/8" Deep Box	2 - 1/2", 10 - MKO	2 - 1/2", 2 - MKO	24
*FA-5SXB-50/75	Red 5-1/2" Square, 3-1/2" Deep w/4" Ring Tabs	6 - 1/2", 6 - 3/4"	1 - 1/2"	24



*FA-4RBC



FA-4BC



FA-4SB-MKO



FA-4SB-MKO-EXT



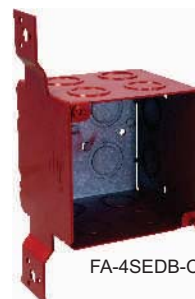
FA-4SDB-MKO



FA-4SDB-MKO-FB



FA-4SEDB-CKO



FA-4SEDB-CKO-FB



FA-UMAB



FA-5BC



FA-5SDB-MKO



*FA-5SXB-50/75

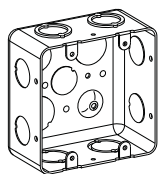
MULTIGANG SWITCH BOXES

DRAWN

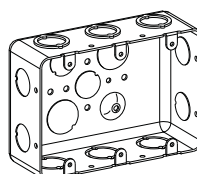
2-1/8" DEEP

**WITH RAISED GROUND EMBOSS
& DEVICE EARS**

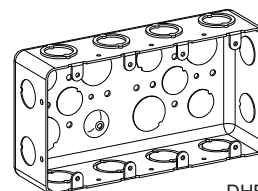
Cat. No.	No. of Gangs	Bracket & Setback	Knockouts		Dimension W x H	Cu. Inch	Std. Pkg.
			Sides	Bottom			
DHB-2	2	-	4 - 1/2", 4 - CKO	2 - 1/2", 2 - 3/4"	4" x 4"	30.3	25
DHB-3	3	-	4 - 1/2", 6 - CKO	2 - 1/2", 2 - 3/4"	5-3/4" x 4"	44.0	25
DHB-4	4	-	4 - 1/2", 8 - CKO	5 - 1/2", 4 - 3/4"	7-1/2" x 4"	57.8	20
*DHB-2-B	2	B, 9/16"	2 - 1/2", 4 - CKO	2 - 1/2", 2 - 3/4"	4" x 4"	30.3	25
DHB-3-B	3	B, 9/16"	2 - 1/2", 6 - CKO	2 - 1/2", 2 - 3/4"	5-3/4" x 4"	44.0	20
DHB-4-B	4	B, 9/16"	2 - 1/2", 8 - CKO	5 - 1/2", 4 - 3/4"	7-1/2" x 4"	57.8	20
DHB-2-FB	2	FB, 9/16"	2 - 1/2", 4 - CKO	2 - 1/2", 2 - 3/4"	4" x 4"	30.3	25
DHB-3-FB	3	FB, 9/16"	2 - 1/2", 6 - CKO	2 - 1/2", 2 - 3/4"	5-3/4" x 4"	44.0	20
DHB-4-FB	4	FB, 9/16"	2 - 1/2", 8 - CKO	5 - 1/2", 4 - 3/4"	7-1/2" x 4"	57.8	20



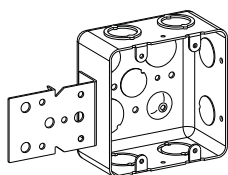
DHB-2



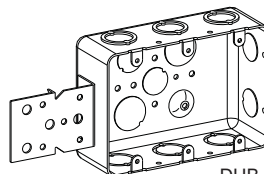
DHB-3



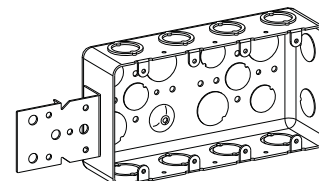
DHB-4



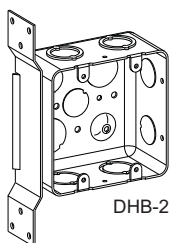
*DHB-2-B



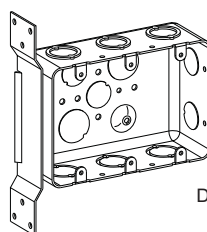
DHB-3-B



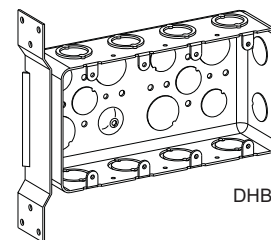
DHB-4-B



DHB-2-FB



DHB-3-FB

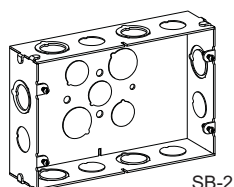


DHB-4-FB

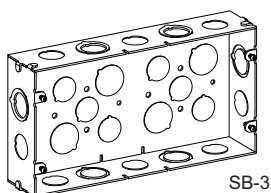
- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls (2-Gang only)
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

**MULTIGANG
SWITCH BOXES
WELDED
1-5/8" DEEP**
**& LOW VOLTAGE
PARTITION**

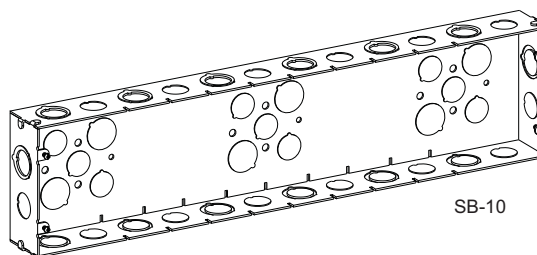
Cat. No.	No. of Gangs	Knockouts		Dimension W x H	Cu. Inch	Std. Pkg.
		Sides	Bottom			
SB-2	2	6 - 1/2", 6 - MKO	3 - 1/2", 2 - 3/4"	6-13/16" x 4-9/16"	56.3	5
SB-3	3	8 - 1/2", 6 - MKO	6 - 1/2", 4 - 3/4"	8-5/8" x 4-9/16"	65.0	5
SB-4	4	8 - 1/2", 8 - MKO	6 - 1/2", 4 - 3/4"	10-7/16" x 4-9/16"	80.0	5
SB-5	5	10 - 1/2", 8 - MKO	6 - 1/2", 4 - 3/4"	12-1/4" x 4-9/16"	94.8	5
SB-6	6	10 - 1/2", 10 - MKO	6 - 1/2", 4 - 3/4"	14-1/16" x 4-9/16"	111.1	1
SB-7	7	12 - 1/2", 10 - MKO	9 - 1/2", 6 - 3/4"	15-7/8" x 4-9/16"	127.0	1
SB-8	8	12 - 1/2", 12 - MKO	9 - 1/2", 6 - 3/4"	17-11/16" x 4-9/16"	142.1	1
SB-9	9	14 - 1/2", 12 - MKO	9 - 1/2", 6 - 3/4"	19-1/2" x 4-9/16"	157.9	1
SB-10	10	14 - 1/2", 14 - MKO	9 - 1/2", 6 - 3/4"	21-3/8" x 4-9/16"	172.1	1
SB-D	Partition for 1-5/8" SB Boxes, flat or raised cover					25



SB-2



SB-3



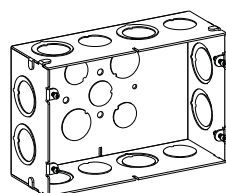
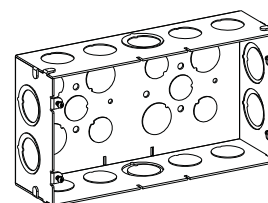
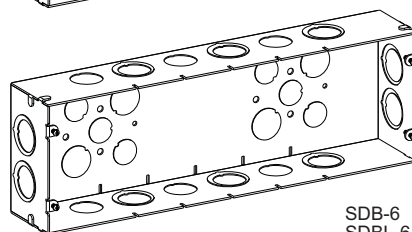
SB-10



SB-D

**MULTIGANG
DEEP SWITCH BOXES
WELDED
2-1/2" DEEP**
**& LOW VOLTAGE
PARTITION**

Cat. No.	No. of Gangs	Knockouts		Dimension W x H	Cu. Inch	Std. Pkg.
		Sides	Bottom			
SDB-2	2	4 - 3/4", 8 - 1/2" & 3/4" MKO	3 - 1/2", 2 - 3/4"	6-13/16" x 4-9/16"	70.0	5
SDB-3	3	8 - 3/4", 6 - 1/2" & 3/4" MKO	6 - 1/2", 4 - 3/4"	8-5/8" x 4-9/16"	90.0	5
SDB-4	4	4 - 3/4", 8 - 1/2" & 3/4" MKO	6 - 1/2", 4 - 3/4"	10-7/16" x 4-9/16"	110.0	5
SDB-5	5	6 - 3/4", 8 - 1/2" & 3/4" MKO	6 - 1/2", 4 - 3/4"	12-1/4" x 4-9/16"	130.0	5
SDB-6	6	6 - 3/4", 8 - 1/2" & 3/4" MKO	6 - 1/2", 4 - 3/4"	14-1/16" x 4-9/16"	150.0	1
SDBL-2	2	4 - 3/4", 8 - 3/4" & 1" MKO	3 - 1/2", 2 - 3/4"	6-13/16" x 4-9/16"	70.0	5
SDBL-3	3	8 - 3/4", 6 - 3/4" & 1" MKO	6 - 1/2", 4 - 3/4"	8-5/8" x 4-9/16"	90.0	5
SDBL-4	4	4 - 3/4", 8 - 3/4" & 1" MKO	6 - 1/2", 4 - 3/4"	10-7/16" x 4-9/16"	110.0	5
SDBL-5	5	6 - 3/4", 8 - 3/4" & 1" MKO	6 - 1/2", 4 - 3/4"	12-1/4" x 4-9/16"	130.0	5
SDBL-6	6	6 - 3/4", 8 - 3/4" & 1" MKO	6 - 1/2", 4 - 3/4"	14-1/16" x 4-9/16"	150.0	1
SDB-D	Partition for 1-5/8" Deep SB Boxes, flat, and & 2-1/2" SDB Boxes, flat or raised cover					25

 3/4" & 1" Knockouts
 1/2" & 3/4" Knockouts
SDB-2
SDBL-2SDB-3
SDBL-3SDB-6
SDBL-6

SDB-D

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls (2-Gang only)
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

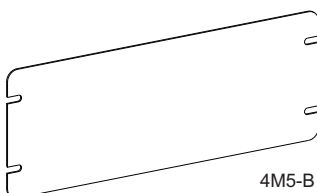
BLANK AND DEVICE COVERS FOR MULTIGANG BOXES 2 TO 10 GANGS

FLAT

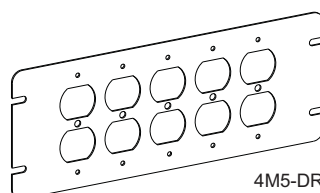
NOTE

Same W & H dimensions as
SB & SR Series

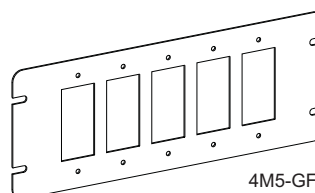
Blank Cat. No.	Duplex Receptacle Cat. No.	Decorative or GFCI Cat. No.	Toggle Switch Cat. No.	No. of Gangs	Std. Pkg.
4M2-B	4M2-DR	4M2-GFI	4M2-TS	2	5
4M3-B	4M3-DR	4M3-GFI	4M3-TS	3	5
4M4-B	4M4-DR	4M4-GFI	4M4-TS	4	5
4M5-B	4M5-DR	4M5-GFI	4M5-TS	5	5
4M6-B	4M6-DR	4M6-GFI	4M6-TS	6	1
4M7-B	4M7-DR	4M7-GFI	4M7-TS	7	1
4M8-B	4M8-DR	4M8-GFI	4M8-TS	8	1
4M9-B	4M9-DR	4M9-GFI	4M9-TS	9	1
4M10-B	4M10-DR	4M10-GFI	4M10-TS	10	1



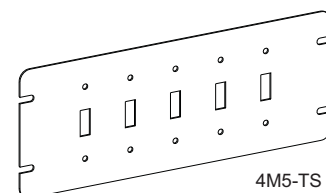
4M5-B



4M5-DR



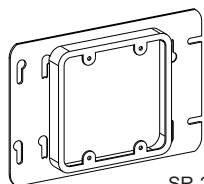
4M5-GFI



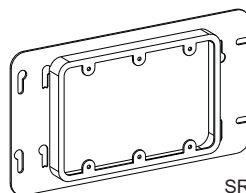
4M5-TS

DEVICE RINGS FOR MULTIGANG BOXES 2 TO 10 GANGS RAISED 3/4"

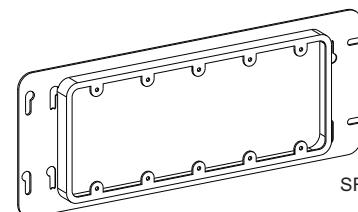
Cat. No.	No. of Gangs	Dimension W x H	Cu. Inch	Std. Pkg.
SR-2	2	6-13/16" x 4-9/16"	9.1	5
SR-3	3	8-5/8" x 4-9/16"	14.9	5
SR-4	4	10-7/16" x 4-9/16"	21.0	5
SR-5	5	12-1/4" x 4-9/16"	25.5	5
SR-6	6	14-1/16" x 4-9/16"	30.8	1
SR-7	7	15-7/8" x 4-9/16"	36.1	1
SR-8	8	17-11/16" x 4-9/16"	41.1	1
SR-9	9	19-1/2" x 4-9/16"	46.4	1
SR-10	10	21-3/8" x 4-9/16"	51.3	1



SR-2



SR-3



SR-5

UL-APPROVED ADJUSTABLE RINGS

PRODUCT FEATURES

- ▶ Can be adjusted on the jobsite for a quick installation
- ▶ Adjusts to achieve a flush finish every time
- ▶ Patented design provides strong electrical and mechanical connections to meet UL requirements

NEW



3GAR-34

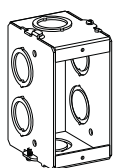


SSB-SDB SERIES

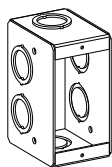
Contact us for Custom Assemblies of
Standard & Multigang Boxes
Email info@orbitprofab.com
Refer to Page P3

MASONRY BOXES WITH CONCENTRIC KNOCKOUTS (CKO) 2-1/2" DEEP

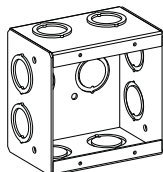
Cat. No.	No. of Gangs	Bracket & Setback	Knockouts			Dimension W x H	Cu. Inch	Std. Pkg.
			Ends	Bottom	Sides			
MSBG-1	1, Gangable	-	2	1	4	1-7/8" x 3-3/4"	16.1	25
MSB-1	1	-	2	1	4	1-7/8" x 3-3/4"	16.1	25
MSB-2	2	-	4	2	4	3-3/4" x 3-3/4"	31.9	10
MSB-3	3	-	6	3	4	5-1/2" x 3-3/4"	47.9	10
MSB-4	4	-	8	4	4	7-3/8" x 3-3/4"	63.6	10
MSB-5	5	-	10	5	4	9-1/8" x 3-3/4"	79.6	10
MSB-6	6	-	12	6	4	11" x 3-3/4"	95.3	1
MSB-3-FB	3	FB, 9/16"	6	3	2	5-1/2" x 3-3/4"	47.9	20
MSB-4-FB	4	FB, 9/16"	8	4	2	7-3/8" x 3-3/4"	63.6	20
MSB-5-FB	5	FB, 9/16"	10	5	2	9-1/8" x 3-3/4"	79.6	20



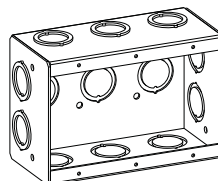
MSBG-1



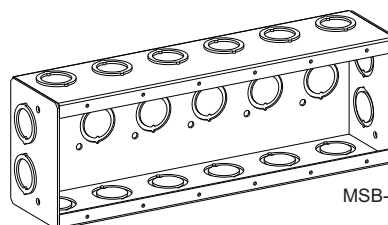
MSB-1



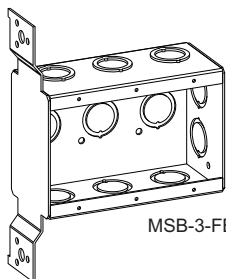
MSB-2



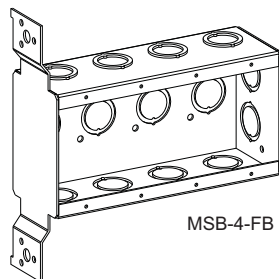
MSB-3



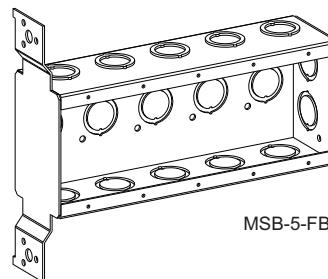
MSB-6



MSB-3-FB



MSB-4-FB



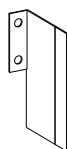
MSB-5-FB

MASONRY BOX PARTITION

PRODUCT FEATURES

- Fits 2-1/2" & 3-1/2" Masonry Boxes

Cat. No.	Description	Dimension W x H	Std. Pkg.
MB-D	2-1/2" / 3-1/2" Partition for MSB and MB Boxes	3-1/4" x 3-1/2"	25



MB-D

PROFAB

ENGINEERED ELECTRICAL SYSTEMS

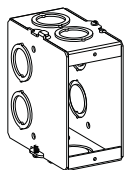
NEW


For more information on Orbit's
Engineered Electrical Systems, email
info@orbitprofab.com

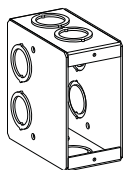
A Division of **orbit**

MASONRY BOXES WITH CONCENTRIC KNOCKOUTS (CKO) 3-1/2" DEEP

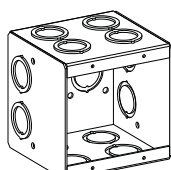
Cat. No.	No. of Gangs	Knockouts			Dimension W x H	Cu. Inch	Std. Pkg.
		Ends	Bottom	Sides			
MBG-1	1, Gangable	4	1	4	1-7/8" x 3-3/4"	23.5	25
MB-1	1	4	1	4	1-7/8" x 3-3/4"	23.5	25
MB-2	2	8	2	4	3-3/4" x 3-3/4"	46.9	10
MB-3	3	12	3	4	5-1/2" x 3-3/4"	69.3	10
MB-4	4	16	4	4	7-3/8" x 3-3/4"	92.1	10
MB-5	5	20	5	4	9-1/8" x 3-3/4"	116.1	10
MB-6	6	24	6	4	11" x 3-3/4"	139.0	1



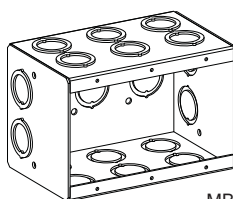
MBG-1



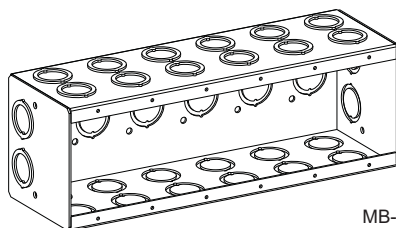
MB-1



MB-2



MB-3



MB-6

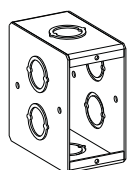


SSB-MB SERIES

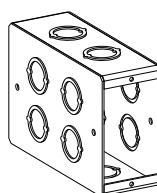
Contact us for Custom Assemblies of
Standard & Multigang Boxes
Email info@orbitprofab.com
Refer to Page P3

MASONRY THRU BOXES WITH CONCENTRIC KNOCKOUTS (CKO)

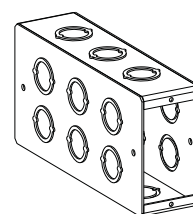
Cat. No.	Dimension W x H	Depth	Knockouts		Cu. Inch	Std. Pkg.
			Ends	Sides		
MTB-350	2" x 3-3/4"	3-1/2"	2	4	24.0	25
MTB-550	2" x 3-3/4"	5-1/2"	4	8	38.0	25
MTB-750	2" x 3-3/4"	7-1/2"	6	12	52.3	25



MTB-350



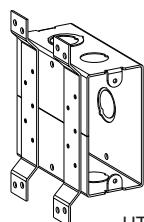
MTB-550



MTB-750

4" THRU BOX WITH BRACKET 4-5/16" DEEP

Cat. No.	Dimension W x H	Bracket & Setback	Knockouts		Cu. Inch	Std. Pkg.
			Ends	Side		
HTB-FB	2-1/8" x 4"	2 - FB, 3/8"	2 - 1/2", 2 - MKO	1 - MKO	33.0	25



HTB-FB

- ▶ **600V** CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

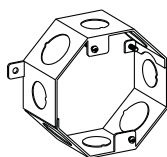
4" OCTAGONAL CONCRETE BOXES

NOTE

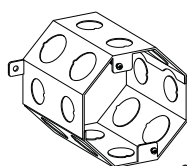
- ▶ For Fixture/Luminaire Support of 50 lbs or less
- ▶ *For Fixture/Luminaire Support of 90 lbs or less, Fan Support of 70 lbs or less

See Page A5 for
Covers & Rings

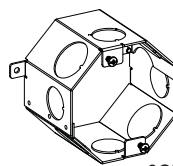
Cat. No.	Depth	Knockouts		Cu. Inch	Std. Pkg.
		Sides 1, 3, 5, 7	Sides 2, 4, 6, 8		
2CB	2"	1 - 1/2"	1 - 3/4"	24.4	25
25CB	2-1/2"	1 - 1/2"	1 - 3/4"	30.5	25
3CB	3"	1 - 1/2"	1 - 3/4"	37.0	25
3CB-75/100	3"	1 - 3/4"	1 - 1"	37.0	25
35CB	3-1/2"	2 - 1/2"	2 - 3/4"	43.0	25
35CB-75/100	3-1/2"	1 - 3/4"	1 - 1"	43.0	25
4CB	4"	2 - 1/2"	2 - 3/4"	49.2	25
4CB-75/100	4"	2 - 3/4"	2 - 1"	49.2	25
*4CB-F	4"	Side 1, 5; 1 - 1/2" Side 3, 7; 2 - 1/2"	Side 2, 6; 1 - 3/4" Side 4, 8; 2 - 3/4"	49.2	25
5CB	5"	2 - 1/2"	2 - 3/4"	61.7	10
6CB	6"	2 - 1/2"	2 - 3/4"	73.5	10



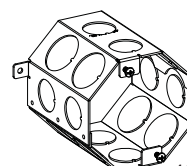
2CB
25CB
3CB



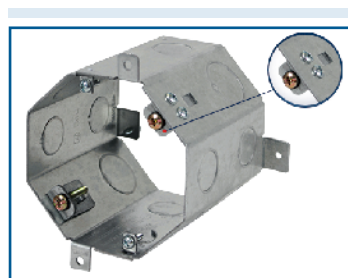
35CB
4CB
5CB
6CB



3CB-75/100
35CB-75/100

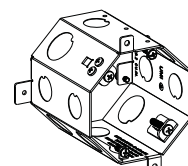


4CB-75/100



FAN-RATED CONCRETE BOX

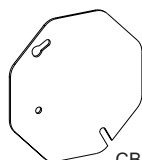
Inside tabs for fans up to 70 lbs (dynamic)



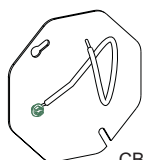
*4CB-F

4" OCTAGONAL CONCRETE BOX COVERS

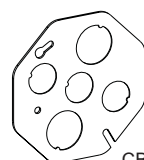
Cat. No.	Description	Std. Pkg.
CB-B	Flat, Blank	25
CB-B-PT	Flat, Blank - With 12" #12AWG Solid Pigtail	25
CB-BK	Flat With 3 - 1/2" KO's & 2 - 3/4" KO's	25
CB-BK-STUD	2 - 1/2" KO's & 2 - 3/4" KO's - With #3/8-18 Threaded Fixture Stud	25



CB-B



CB-B-PT



CB-BK

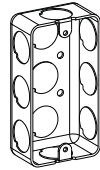


CB-BK-STUD

SUPER SHALLOW HANDY BOX DRAWN 1-1/4" DEEP

2" W x 4" H
8.5 Cu. In.

Cat. No.	Knockouts		Std. Pkg.
	Sides	Bottom	
DHSSB-1-50	8 - 1/2"	3 - 1/2"	50

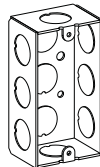


DHSSB-1-50

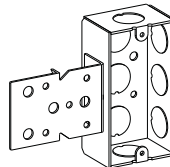
SHALLOW HANDY BOXES AND EXTENSION RING WELDED 1-1/2" DEEP

2" W x 4" H
11.5 Cu. In.

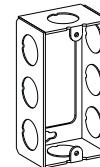
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
HSB-1-50	-	8 - 1/2"	3 - 1/2"	50
HSB-1-50-B	B, 1/4"	5 - 1/2"	3 - 1/2"	50
HSB-1-50-EXT	-	8 - 1/2"	-	50



HSB-1-50



HSB-1-50-B



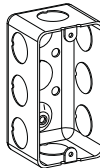
HSB-1-50-EXT

HANDY BOX DRAWN 1-7/8" DEEP

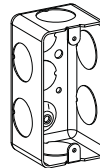
2" W x 4" H
13.0 Cu. In.

WITH RAISED GROUND EMBOSS

Cat. No.	Knockouts		Std. Pkg.
	Sides	Bottom	
DHB-1-50	8 - 1/2"	2 - 1/2"	50
DHB-1-75	6 - 3/4"	2 - 1/2"	50



DHB-1-50

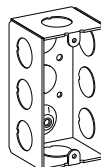


DHB-1-75

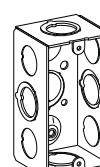
HANDY BOXES AND EXTENSION RINGS WELDED 1-7/8" DEEP

2" W x 4" H
13.0 Cu. In.

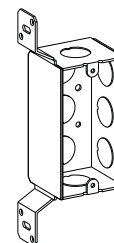
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
HB-1-50	-	8 - 1/2"	2 - 1/2"	50
HB-1-MKO	-	4 - 1/2", 4 - MKO	1 - 1/2", 1 - MKO	50
HB-1-50-FB	FB, 9/16"	5 - 1/2"	3 - 1/2"	50
HB-1-MKO-FB	FB, 9/16"	2 - 1/2", 3 - MKO	2 - 1/2", 1 - MKO	50
HB-1-MKO-AB	AB, 9/16"	2 - 1/2", 3 - MKO	2 - 1/2", 1 - MKO	50
HB-1-50-EXT	-	8 - 1/2"	-	50
HB-1-MKO-EXT	-	4 - 1/2", 4 - MKO	-	50



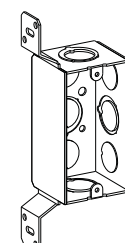
HB-1-50



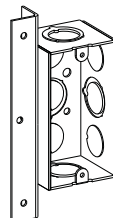
HB-1-MKO



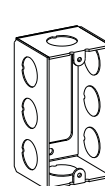
HB-1-50-FB



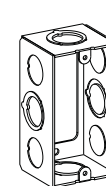
HB-1-MKO-FB



HB-1-MKO-AB



HB-1-50-EXT



HB-1-MKO-EXT

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

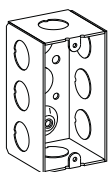
DEEP HANDY BOXES

WELDED
2-1/8" DEEP

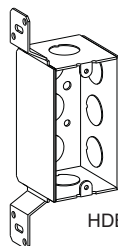
2" W x 4" H

16.5 Cu. In.

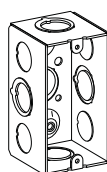
Cat. No.	Bracket & Setback	Knockouts		Std. Pkg.
		Sides	Bottom	
HDB-1-50	-	8 - 1/2"	2 - 1/2"	50
HDB-1-50-FB	FB, 9/16"	5 - 1/2"	3 - 1/2"	50
HDB-1-MKO	-	4 - 1/2", 4 - MKO	1 - 1/2", 1 - MKO	50
HDB-1-MKO-AB	AB, 9/16"	2 - 1/2", 3 - MKO	2 - 1/2", 1 - MKO	50
HDB-1-MKO-FB	FB, 9/16"	2 - 1/2", 3 - MKO	2 - 1/2", 1 - MKO	50



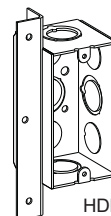
HDB-1-50



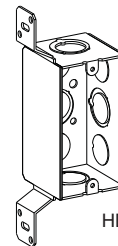
HDB-1-50-FB



HDB-1-MKO



HDB-1-MKO-AB

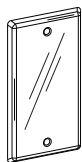


HDB-1-MKO-FB

HANDY BOX COVERS

2-5/16" W x 4-3/16" H

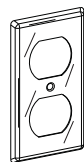
Cat. No.	Description	Std. Pkg.
HBC-B	Blank	25
HBC-BK	1/2" K.O.	25
HBC-DR	Duplex Receptacle	25
HBC-GFI	GFCI / Decorative Switch	25
HBC-SR	Single Receptacle, 15A, 1.406" diameter	25
HBC-PO	Power Outlet, 20A, 1.60" diameter	25
HBC-TS	Toggle Switch	25



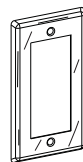
HBC-B



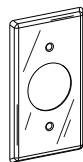
HBC-BK



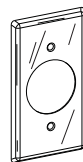
HBC-DR



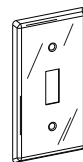
HBC-GFI



HBC-SR



HBC-PO



HBC-TS

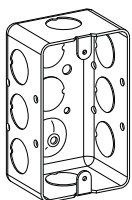
SPECIAL APPLICATION UTILITY BOX AND COVERS

2-1/2" W x 4-1/8" H

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ Acceptable for use in 2-hour rated walls
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information



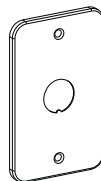
Cat. No.	Description	Std. Pkg.
WDHB-1-50	1-7/8" Raised Deep Drawn Box w/ Ground Emboss, 17.0 Cu. In., 10 - 1/2" K.O.s	25
WHBC-B	3/16" Raised Cover, Blank	25
WHBC-BK	3/16" Raised Cover, 1/2" K.O.	25
WHBC-DR	3/16" Raised Cover, Duplex Receptacle	25
WHBC-GFI	3/16" Raised Cover, GFCI / Decorative Switch	25
WHBC-SR	3/16" Raised Cover, Single Receptacle, 15A, 1.406" diameter	25
WHBC-TS	3/16" Raised Cover, Toggle Switch	25



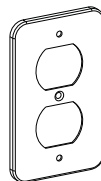
WDHB-1-50



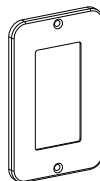
WHBC-B



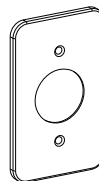
WHBC-BK



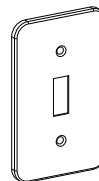
WHBC-DR



WHBC-GFI



WHBC-SR



WHBC-TS

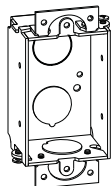
EXTRA SHALLOW GANGABLE SWITCH BOXES 1-1/2" DEEP

2" W x 3" H
7.5 Cu. In.

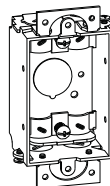
BX/MC CLAMP FEATURES

- ▶ All MC series boxes are suitable for use with MCAP™-Aluminum
- ▶ MCAP is a trademark of Southwire Company

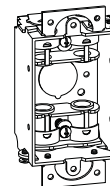
Cat. No.	Description	Knockouts			Std. Pkg.
		Sides	Ends	Bottom	
GESB-1	Ears only	-	2 - 1/2"	2 - 1/2"	50
GESB-1-NM	With NM Cable Clamps	-	4 - Loom	1 - 1/2"	50
GESB-1-MC	With BX/MC Cable Clamps	-	4 - Loom	1 - 1/2"	50



GESB-1



GESB-1-NM

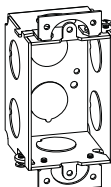


GESB-1-MC

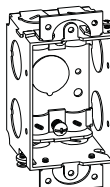
SHALLOW GANGABLE SWITCH BOXES 2" DEEP

2" W x 3" H
10.0 Cu. In.

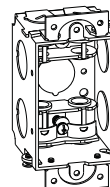
Cat. No.	Description	Knockouts			Std. Pkg.
		Sides	Ends	Bottom	
GSB-1	Ears only	4 - 1/2"	2 - 1/2"	2 - 1/2"	50
GSB-1-NM	With NM Cable Clamps	4 - 1/2"	4 - Loom	1 - 1/2"	50
GSB-1-MC	With BX/MC Cable Clamps	4 - 1/2"	4 - Loom	1 - 1/2"	50
GSB-1-OW	For Old Work, with Locking Grips	4 - 1/2"	2 - 1/2"	2 - 1/2"	50



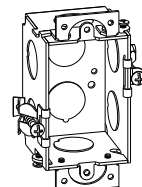
GSB-1



GSB-1-NM



GSB-1-MC



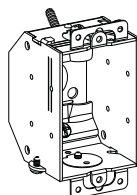
GSB-1-OW

GANGABLE SWITCH BOXES BEVELED CORNERS 2-1/4" DEEP

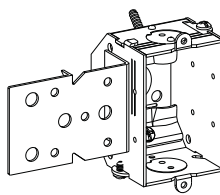
2" W x 3" H
10.5 Cu. In.

WITH NM CLAMPS INSTALLED THROUGH BEVELED CORNERS

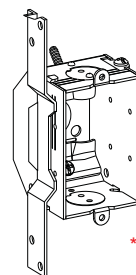
Cat. No.	Description	Knockouts			Std. Pkg.
		Bevels	Ends	Bottom	
GBV	Ears only	4 - Loom	2 - 1/2"	1 - 1/2"	50
*GBV-B	With 9/16" Setback B Bracket	4 - Loom	2 - 1/2"	1 - 1/2"	50
*GBV-FB	With 9/16" Setback FB Bracket	4 - Loom	2 - 1/2"	1 - 1/2"	50
*GBV-NE	No ears, with Leveling Bumps	4 - Loom	2 - 1/2"	1 - 1/2"	50
GBV-OW	For Old Work, with Locking Grips	4 - Loom	2 - 1/2"	1 - 1/2"	50



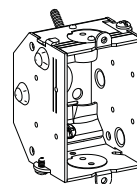
GBV



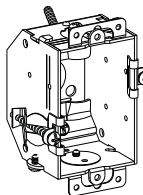
*GBV-B



*GBV-FB



*GBV-NE



GBV-OW

- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ *Acceptable for use in 2-hour rated walls (2-Gang only)
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

GANGABLE SWITCH BOXES 2-1/2" DEEP

12.5 Cu. In.

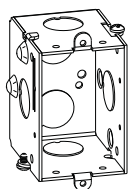
2" W x 3" H

(Except for TGW 2-1/4" W x 3" H,
15.0 Cu.In.)

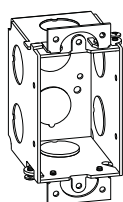
BX/MC FEATURES

- ▶ All MC series boxes are suitable for use with MCAP™-Aluminum
- ▶ MCAP is a trademark of Southwire Company
- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ *Acceptable for use in 2-hour rated walls (2-Gang only)
- ▶ Visit www.ul.com or QCID Guide on page W1 for more information

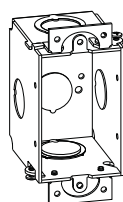
Cat. No.	Description	Knockouts			Std. Pkg.
		Sides	Ends	Bottom	
GB-1-NE	No Ears, with Leveling Bumps	2 - 1/2"	2 - 1/2"	2 - 1/2"	50
GB-1	Ears only	4 - 1/2"	2 - 1/2"	2 - 1/2"	50
GB-1-MKO	Ears only, M.K.O.	2 - 1/2"	2 - MKO	1 - 1/2"	50
*GB-1-B	With B Bracket (9/16" Setback)	2 - 1/2"	2 - 1/2"	2 - 1/2"	50
*GB-1-FB	With FB Bracket (9/16" Setback)	2 - 1/2"	2 - 1/2"	2 - 1/2"	50
GB-1-OW	For Old Work, with Locking Grips	-	2 - 1/2"	2 - 1/2"	50
GB-1-NM	With NM Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
*GB-1-NM-B	With NM Cable Clamps & B Bracket	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
*GB-1-NM-FB	With NM Cable Clamps & FB Bracket	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
GB-1-NM-OW	With NM Cable Clamps For Old Work, with Locking Grips	-	2 - 1/2", 4 - Loom	1 - 1/2"	50
GB-1-MC	With BX/MC Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
*GB-1-MC-B	With BX/MC Cable Clamps & B Bracket	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
*GB-1-MC-FB	With BX/MC Cable Clamps & FB Bracket	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
GB-1-MC-OW	With BX/MC Cable Clamps For Old Work, with Locking Grips	-	2 - 1/2", 4 - Loom	1 - 1/2"	50
TG-1	Old Work Tigergrip	4 - 1/2"	2 - 1/2"	2 - 1/2"	50
TG-1-NM	Old Work Tigergrip, NM Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
TG-1-MC	Old Work Tigergrip, BX/MC Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
TGW	Wide Old Work Tigergrip (Non-Gangable) Must be used with Mid-Size or Jumbo Wall Plate	4 - 1/2"	2 - 1/2"	2 - 1/2"	50



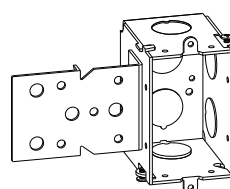
GB-1-NE



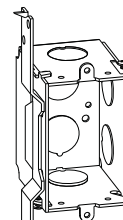
GB-1



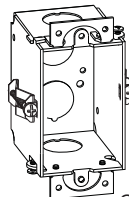
GB-1-MKO



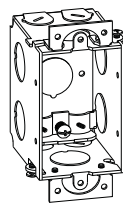
*GB-1-B



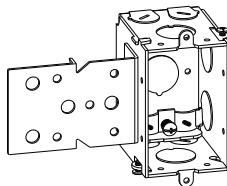
*GB-1-FB



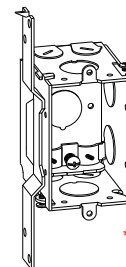
GB-1-OW



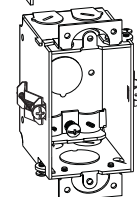
GB-1-NM



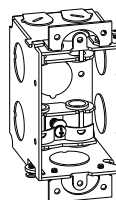
*GB-1-NM-B



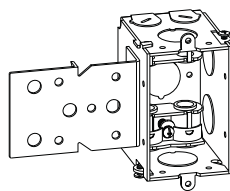
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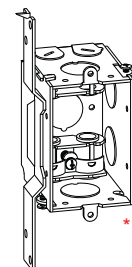
GB-1-NM-OW



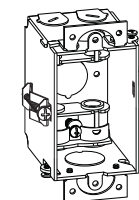
GB-1-MC



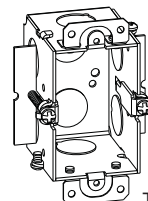
*GB-1-MC-B



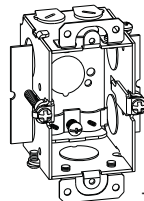
*GB-1-MC-FB



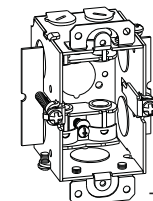
GB-1-MC-OW



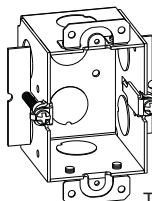
TG-1



TG-1-NM



TG-1-MC



TGW

Extra Wide
15.0 Cu. In.
Non-Gangable

ORBIT INDUSTRIES
EXCLUSIVE

GANGABLE SWITCH BOXES

2-3/4" DEEP (Intermediate Depth)

2" W x 3" H - 4" W x 3" H
14.0 Cu. In. - 28.0 Cu. In.
(Except for TGMW and
WMB-PT 2-1/4" W x 3" H,
18.5 Cu. In.)

**WITH PRE-ASSEMBLED
10-32 GROUND SCREW &
7" SOLID CU. #12AWG PIGTAIL
(EXCEPT FOR GMB-1-NE
AND TGMW)**

PRODUCT FEATURES

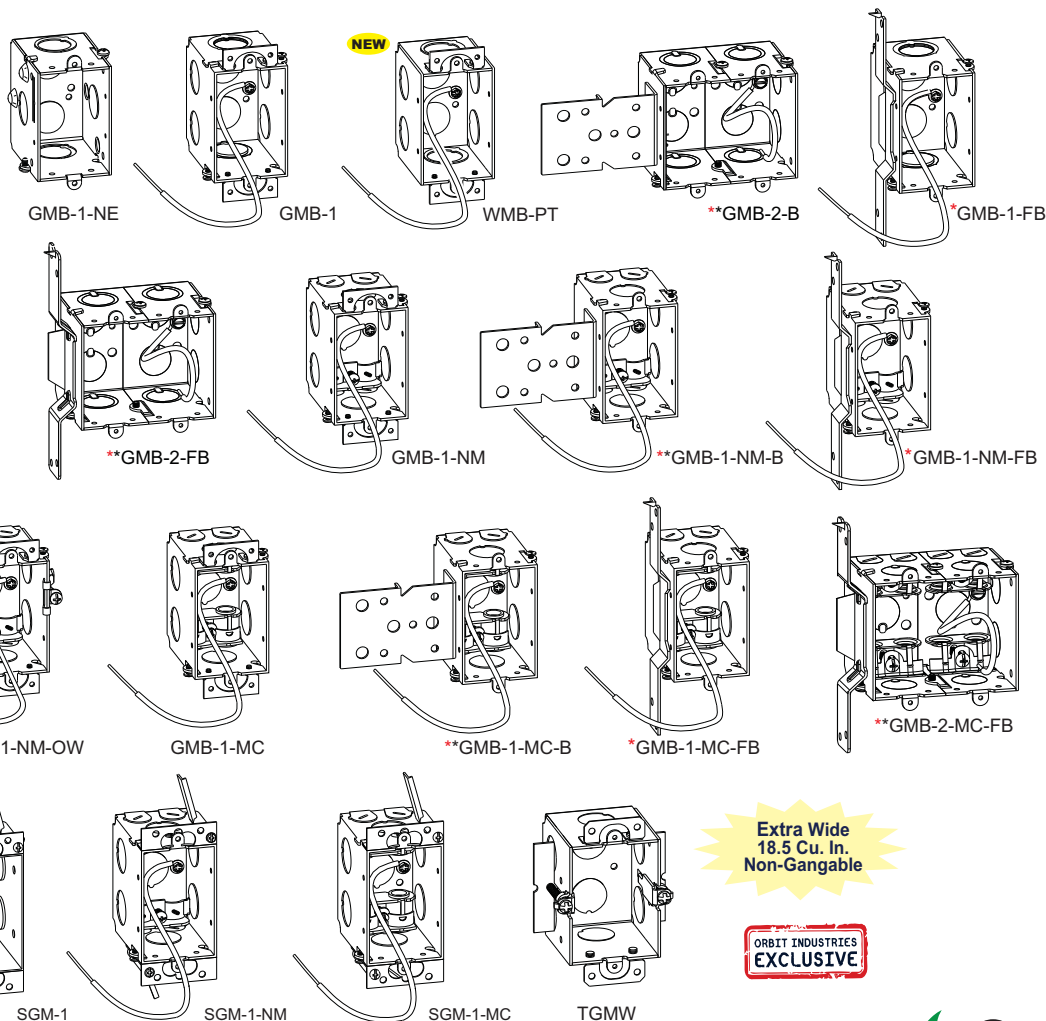
- ▶ 2-Gang Gangable Switch Boxes can be expanded to multi-gang with GMB-1-NE to non-bracket side

BX/MC CLAMP FEATURES

- ▶ All MC series boxes are suitable for use with MCAP™-Aluminum
- ▶ MCAP is a trademark of Southwire Company
- ▶ **600V** MKO's and CKO's suitable for bonding without any additional bonding means up to 600V
- ▶ *Acceptable for use in 2-hour rated walls (2-Gang only)
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information



Cat. No.	Description	Knockouts			Std. Pkg.
		Sides	Ends	Bottom	
GMB-1-NE	No Ears, with Leveling Bumps	2 - 1/2"	2 - MKO	2 - 1/2"	50
GMB-1	Ears only	4 - 1/2"	2 - MKO	2 - 1/2"	50
WMB-PT NEW	Wide Old Work (Non-Gangable) Must be used with Mid-Size or Jumbo Wall Plate	4 - 1/2"	2 - MKO	2 - 1/2"	50
**GMB-2-B	With B Bracket	2 - 1/2"	4 - MKO	4 - 1/2"	25
*GMB-1-FB	With FB Bracket (9/16" Setback)	2 - 1/2"	2 - MKO	2 - 1/2"	50
**GMB-2-FB	With FB Bracket (9/16" Setback)	2 - 1/2"	4 - MKO	4 - 1/2"	25
GMB-1-NM	With NM Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
**GMB-1-NM-B	NM Clamps & B Bracket (9/16" Setback)	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
*GMB-1-NM-FB	NM Clamps & FB Bracket (9/16" Setback)	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
**GMB-2-NM-FB	NM Clamps & FB Bracket (9/16" Setback)	2 - 1/2"	4 - 1/2", 8 - Loom	2 - 1/2"	25
*GMB-1-NM-OW	With NM Cable Clamps, Old Work Grips	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
GMB-1-MC	With BX/MC Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
**GMB-1-MC-B	BX/MC Clamps & B Bracket (9/16" Setback)	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
*GMB-1-MC-FB	BX/MC Clamps & FB Bracket (9/16" Setback)	2 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
**GMB-2-MC-FB	BX/MC Clamps & FB Bracket (9/16" Setback)	2 - 1/2"	4 - 1/2", 8 - Loom	2 - 1/2"	25
*GMB-1-MC-OW	With MC Cable Clamps, Old Work Grips	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
SGM-1	Gangable Old Work Switch Box	4 - 1/2"	2 - MKO	2 - 1/2"	50
SGM-1-NM	Gangable Old Work NM Switch Box	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
SGM-1-MC	Gangable Old Work BX/MC Switch Box	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
TGMW	Wide Old Work Tigergrip (Non-Gangable) Must be used with Mid-Size or Jumbo Wall Plate	4 - 1/2"	2 - 1/2"	2 - 1/2"	50



NON-GANGABLE NAIL-ON SWITCH BOXES 2-3/4" DEEP (Intermediate Depth)

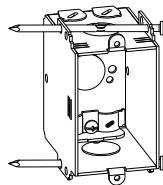
2-1/8" W x 3" H
15.9 Cu. In.

WITH TWO MOUNTING NAILS

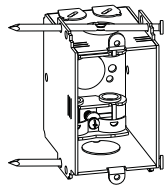
BX/MC CLAMP FEATURES

- ▶ All MC series boxes are suitable for use with MCAP™-Aluminum
- ▶ MCAP is a trademark of Southwire Company

Cat. No.	Description	Knockouts			Std. Pkg.
		Sides	Ends	Bottom	
*GMB-NM-NO	Nail-On Non-Gangable, with NM Clamps	-	2 - 1/2", 4 - Loom	1 - 1/2"	50
*GMB-MC-NO	Nail-On Non-Gangable, with BX/MC Clamps	-	2 - 1/2", 4 - Loom	1 - 1/2"	50



*GMB-NM-NO



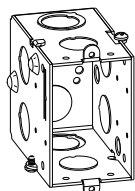
*GMB-MC-NO

GANGABLE SWITCH BOXES 3-1/2" DEEP

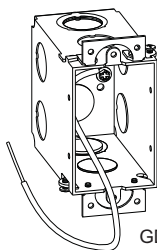
2" W x 3" H
18.0 Cu. In.

WITH PRE-ASSEMBLED 10-32 GROUND SCREW & 7" SOLID CU. #12AWG PIGTAIL (EXCEPT FOR GDB-1-NE)

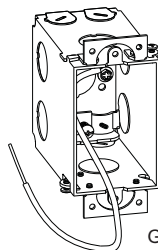
Cat. No.	Description	Knockouts			Std. Pkg.
		Sides	Ends	Bottom	
GDB-1-NE	No Ears, with Leveling Bumps	4 - 1/2"	2 - 1/2", 2 - MKO	2 - 1/2"	50
GDB-1	Ears only	4 - 1/2"	2 - 1/2", 2 - MKO	2 - 1/2"	50
GDB-1-NM	With NM Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
*GDB-1-NM-B	With NM Cable Clamps & B Bracket	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
*GDB-1-NM-FB	With NM Cable Clamps & FB Bracket	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
GDB-1-MC	With BX/MC Cable Clamps	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
**GDB-1-MC-B	With BX/MC Cable Clamps & B Bracket	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
*GDB-1-MC-FB	With BX/MC Cable Clamps & FB Bracket	4 - 1/2"	2 - 1/2", 4 - Loom	1 - 1/2"	50
TGD-1	Gangable Old Work Tigergrip	4 - 1/2"	2 - 1/2", 2 - MKO	2 - 1/2"	50



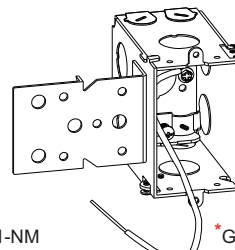
GDB-1-NE



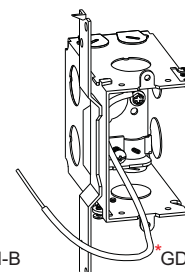
GDB-1



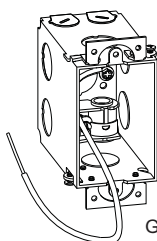
GDB-1-NM



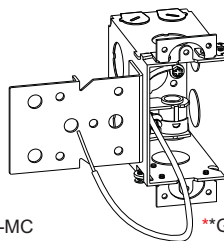
*GDB-1-NM-B



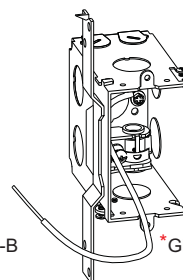
*GDB-1-NM-FB



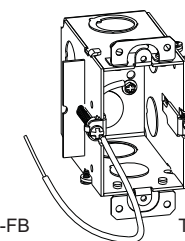
GDB-1-MC



**GDB-1-MC-B



*GDB-1-MC-FB

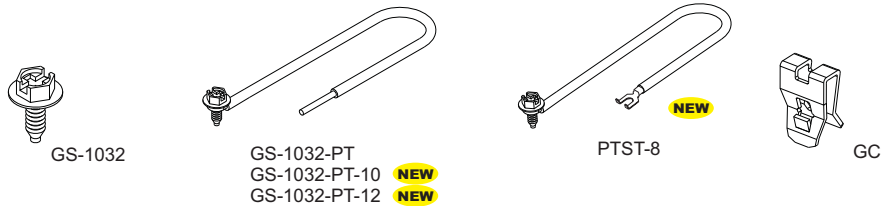


TGD-1

- ▶ **600V** MKO's suitable for bonding without any additional bonding means up to 600V
- ▶ *Acceptable for use in 2-hour rated walls (Up to 2-Gang)
- ▶ Visit www.ul.com or QCIT Guide on page W1 for more information

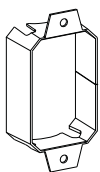
GROUND SCREWS & CLIP

Cat. No.	Description	Std. Pkg.	Master Carton
GS-1032	Ground Screw 10-32 x 3/8", Green, Slotted/Philips/Hex Washer Head	100	1000
GS-1032-PT	GS-1032 with 7" Solid Cu. #12AWG Pigtail	50	250
GS-1032-PT-10 NEW	GS-1032 with 10" Solid Cu. #12AWG Pigtail	50	1000
GS-1032-PT-12 NEW	GS-1032 with 12" Solid Cu. #12AWG Pigtail	50	250
PTST-8 NEW	GS-1032 with 8" Stranded Cu. #12AWG Pigtail and Flanged Spade Terminal	50	250
GC	Grounding Clip, for #14 - #10 AWG Copper	100	1000

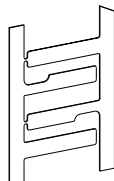


ACCESSORIES

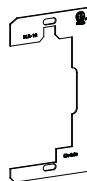
Cat. No.	Description	Std. Pkg.
SB-EXT	Switch Box Extension fits any 1-Gang Box, adjustable from 1/4" to 1" to shield combustible wall surfaces from wiring system, 3.5 Cu. In.	25
SBS	Switch Box Support with bendable tabs, 20GA	100
DLR-1G	Device Leveler and Retainer, 1-Gang	50
OWG	Clips and locks old-work steel boxes tightly to wall. 2 required per box	100
EOWB NEW	Ear for old work boxes with screws	100



SB-EXT



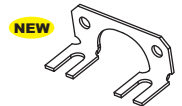
SBS



DLR-1G



OWG



EOWB



Installation View



Installation View



Installation View



Installation View



Installation View

FLEX BUSHING

PRODUCT FEATURES

- Used to Insulate Cut Flex when Conduit is used for Data Cables without a Junction Box
- Zinc Plated Steel

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
FB-50	1/2"	100	1000
FB-75	3/4"	100	500
FB-100	1"	25	250



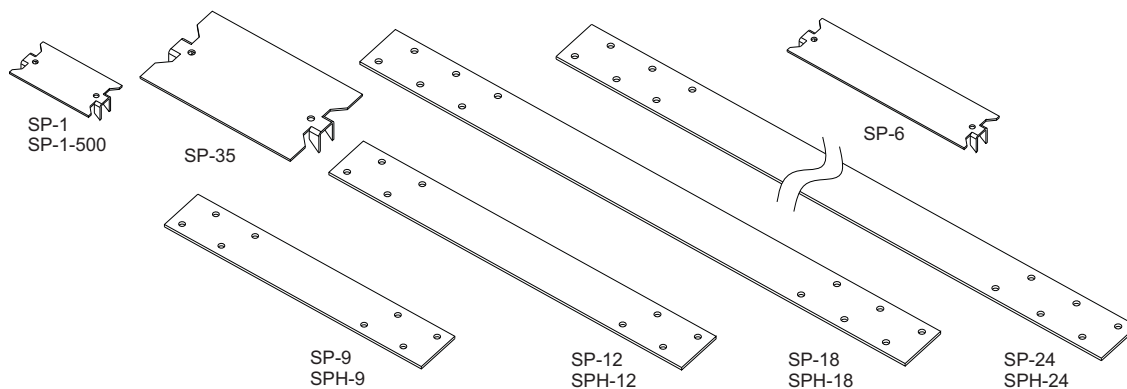
Shown Installed

NAIL SAFETY PLATES

Cat. No.	Features	Dimensions (W x L)	Thickness	Std. Pkg.
SP-1	With 2 Mounting Prongs & 1 Nail Hole each end	1.5" x 2.75"	16 GA	100
SP-1-500	With 2 Mounting Prongs & 1 Nail Hole each end	1.5" x 2.75"	16 GA	500
SP-35	With 2 Mounting Prongs & 1 Nail Hole each end	3" x 5"	16 GA	100
SP-6	With 2 Mounting Prongs & 1 Nail Hole each end	1.5" x 6"	16 GA	100
SP-9	With 4 Nail Holes each end	1.5" x 9"	16 GA	50
SP-12	With 4 Nail Holes each end	1.5" x 12"	16 GA	50
SP-18	With 6 Nail Holes each end	1.5" x 18"	16 GA	50
SP-24	With 6 Nail Holes each end	1.5" x 24"	16 GA	50
SPH-9	Heavy-Duty, With 4 Nail Holes each end	1.5" x 9"	12 GA	50
SPH-12	Heavy-Duty, With 4 Nail Holes each end	1.5" x 12"	12 GA	50
SPH-18	Heavy-Duty, With 6 Nail Holes each end	1.5" x 18"	12 GA	50
SPH-24	Heavy-Duty, With 6 Nail Holes each end	1.5" x 24"	12 GA	50

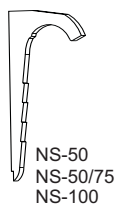


INSTALLATION VIEW



FLEX/RIGID/EMT NAIL STRAPS

Cat. No.	FLEX/RIGID Size	EMT Size	Description	Std. Pkg.	Master Carton
NS-50	-	1/2"	EMT Nail Strap	100	1000
NS-50/75	1/2"	3/4"	Flex/Rigid/EMT Nail Strap	100	1000
NS-100	3/4"	1"	Flex/Rigid/EMT Nail Strap	100	1000



LOW VOLTAGE PRODUCTS

PRODUCT FEATURES

- Install LVSB series between studs on SSB bracket, visit page P7 for more information

Cat. No.	Description	Std. Pkg.
LVSB1 NEW	1-Gang Low Voltage Stud Mounting Bracket	50
LVSB2 NEW	2-Gang Low Voltage Stud Mounting Bracket	25
LVWP1 NEW	1-Gang Low Voltage Wall Mounting Plate	50
LVWP2 NEW	2-Gang Low Voltage Wall Mounting Plate	25

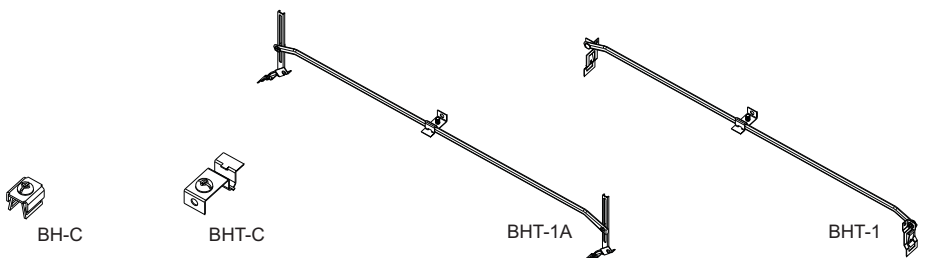


FIXED BAR HANGERS

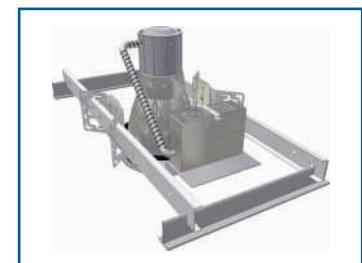
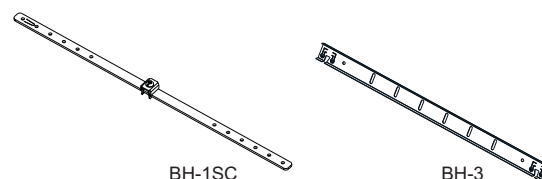
PRODUCT FEATURES

- For Stud and T-Bar

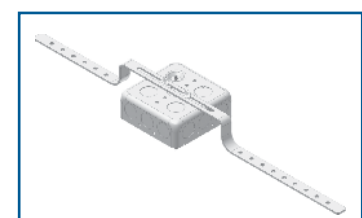
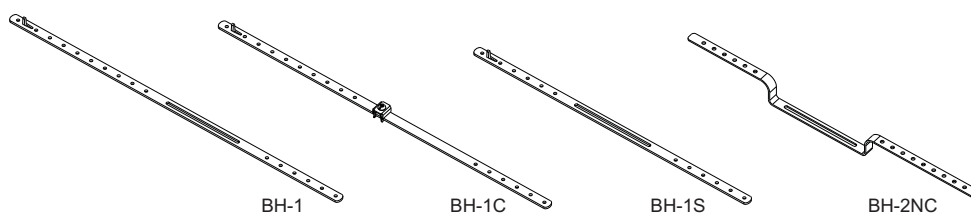
Cat. No.	Description	Std. Pkg.
BHT-1	24" T-Bar bracket for use with boxes 1-1/2" or 2-1/8" Deep, with BHT-C Box Clip	50
BHT-1A	24" T-Bar bracket - 8" height adjustable, with BHT-C Box Clip	50
BH-1	24" Straight bar hanger for mounting ceiling boxes, Slotted, Includes 2 Stove Bolts per Unit	50
BH-1C	24" Straight bar hanger for mounting ceiling boxes, with BH-C Box Clip	50
BH-1S	20" Straight bar hanger for mounting ceiling boxes, Slotted, Includes 2 Stove Bolts per Unit	50
BH-1SC	20" Straight bar hanger for mounting ceiling boxes, With BH-C Box Clip	50
BH-2NC	21" Offset (1-1/2") bar hanger for mounting boxes with ring, Slotted, Includes 2 Stove Bolts/Unit	50
BH-C	Additional box clip & screw set for use with BH-1, BH-1S & BH-2NC	100
BH-3	Straight bracket for mounting architectural recess lights 25-1/4" long with notches 24" apart for use on T-Bar	50
BHT-C	Additional box clip & screw set for use with BHT-1 & BHT-1A	100



BHT-1 INSTALLATION VIEW



BH-3 INSTALLATION VIEW



BH-2NC INSTALLATION VIEW

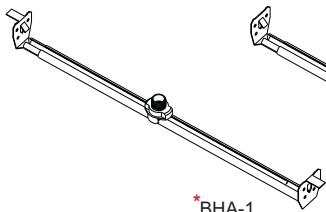
Visit Page P15 for more
BH-3 Installation Photos

ADJUSTABLE BAR HANGERS

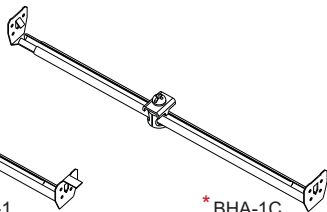
NOTE

- *For Fixture/Luminaire Support of 50 lbs or less at 16 in. Span

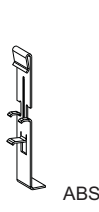
Cat. No.	Description	Std. Pkg.
*BHA-1	Adjustable Bar Hanger with stud for joist spacing 16" to 24" with #3/8-18 NPS Threaded Stud	50
*BHA-1C	Adjustable Bar Hanger with stud for joist spacing 16" to 24" with Box Clip	50
BHA-16	11" to 18" Adjustable Box Bracket - Mount Box with self-tapping screws on notches Ends bend and wrap around stud - Can be used with boxes 1-1/2", 2-1/8" or 2-1/2" deep	50
BHA-24	15-3/4" to 26" Adjustable Box Bracket - Mount Box with self-tapping screws on notches Ends bend and wrap around stud - Can be used with boxes 1-1/2", 2-1/8" or 2-1/2" deep	50
ABS	Far-Side Box Support for 1-1/2" & 2-1/8" Deep Boxes, for use with 4" Metal Studs.	50
ABS-6	Far-Side Box Support for 1-1/2" & 2-1/8" Deep Boxes, for use with 6" Metal Studs.	50



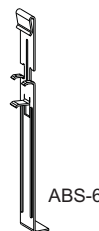
*BHA-1



*BHA-1C

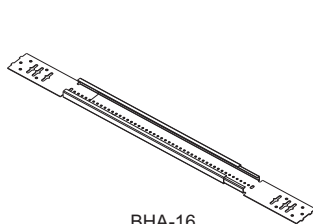


ABS



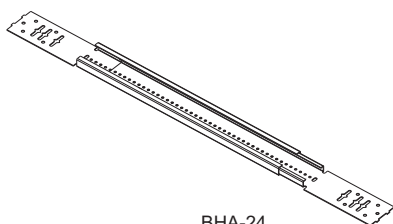
ABS-6

Visit P Section for Complete Offering of Stud Wall Brackets



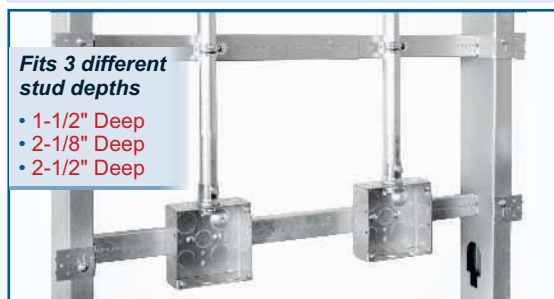
BHA-16

Adjusts 11" - 18"



BHA-24

Adjusts 15-3/4" - 26"



Fits 3 different stud depths

- 1-1/2" Deep
- 2-1/8" Deep
- 2-1/2" Deep

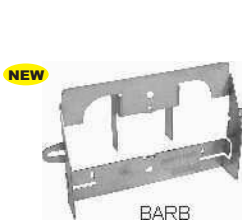
BHA-24 SHOWN INSTALLED

DROP-ON-BAR SLIDER BRACKETS

PRODUCT FEATURES

- Quickly attach to any 4" or 4-11/16" square box
- Easily drops onto Orbit's BHA-16 and BHA-24
- A BARB and box assembly can easily be repositioned along the hanger
- Multiple BARB assemblies can be added before and after the BHA is installed
- Can be fully prefabricated and locked onto the BHA without setting final box position
- BARB-CS comes complete with cable support pin holes

Cat. No.	Description	Std. Pkg.
BARB NEW	Drop-On-Bar Slider Bracket	50
BARB-CS NEW	Drop-On-Bar Slider Bracket with conduit & cable support pin holes	50



BARB



BARB-CS

More BARB Installation Photos on pg P6



BARB-CS SHOWN INSTALLED



ORBIT INDUSTRIES
EXCLUSIVE



JACK CHAIN

PRODUCT FEATURES

- ▶ Steel
- ▶ Electroplated Zinc
- ▶ 25 lbs. Max. Load
- ▶ In Steel Reel



Cat. No.	Trade Size	Std. Pkg.
JC-12	12GA	100

"S" HOOK

PRODUCT FEATURES

- ▶ Steel
- ▶ Electroplated Zinc
- ▶ 25 lbs. Max. Load



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SH-2	12GA, 1-1/4"	100	1000

HANGER SCREW WITH SINGLE HOLE

PRODUCT FEATURES

- ▶ Steel
- ▶ Wood Screw Thread

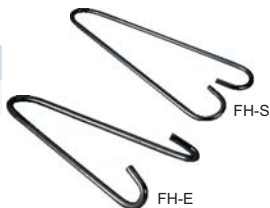


Cat. No.	Description	Dimension	Std. Pkg.	Master Ctn.
H-SCREW	Flat Hanger Screw	1/4" x 3"	100	500

FIXTURE HANGER

PRODUCT FEATURES

- ▶ Steel



Cat. No.	For Use With	Mount Position	Std. Pkg.	Master Ctn.
FH-E	2, 3, or 4 Light Fixtures	End Mount	100	500
FH-S	2, 3, or 4 Light Fixtures	Side Mount	100	500

PORCELAIN WIRE HOLDERS

PRODUCT FEATURES

- ▶ Porcelain & Galvanized Steel
- ▶ Varies According to Sizes



Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
PWH-L	With 2-1/4" Lag Bolt	2-3/4"	5	20
PWH-M	With Steel Clip for 1-1/4" to 3" Mast	1-1/4" to 3"	5	20

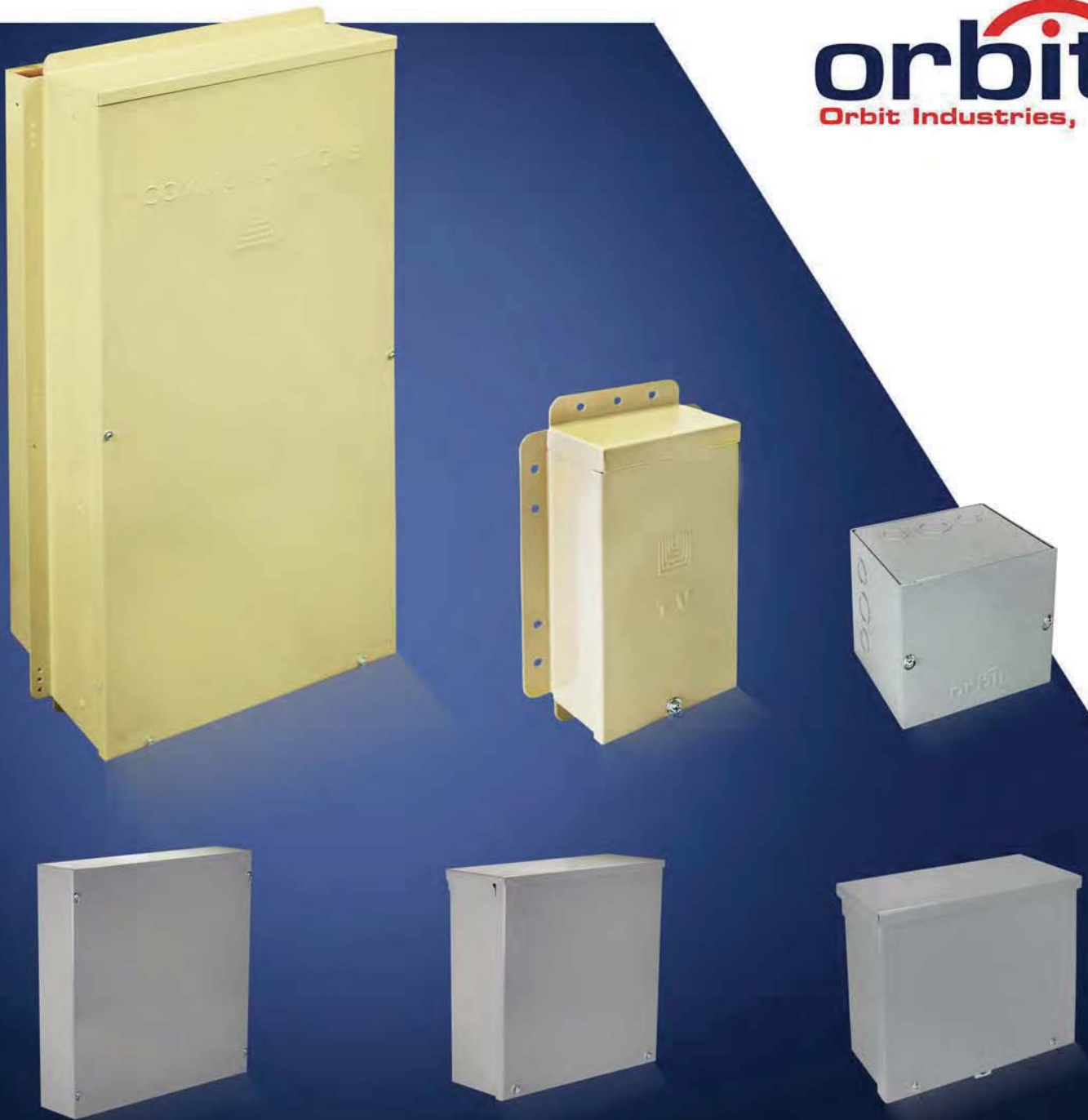
TIE WIRE

PRODUCT FEATURES

- ▶ Black Annealed Steel
- ▶ 16GA



Cat. No.	Description	Trade Size	Std. Pkg.
TW	Tie Wire	16GA, 400'	20



NEMA Enclosures | B



Orbit's NEMA Enclosures feature code gauge steel, mounting holes and a variety of KO configurations to handle various applications including data communication network systems. Enclosures include NEMA Type 1 and Type 3R; each designed as the ideal way of protecting equipment and hazardous parts from the elements.

NEMA Type 1 and Type 3R

MATERIALS:

- Made from 16 Gauge Steel

FINISH:

- ANSI 61 Gray Polyester Powder Paint
- Hi-Gloss Smoke Gray Powder Coated inside and outside.
- Other finished available upon special request

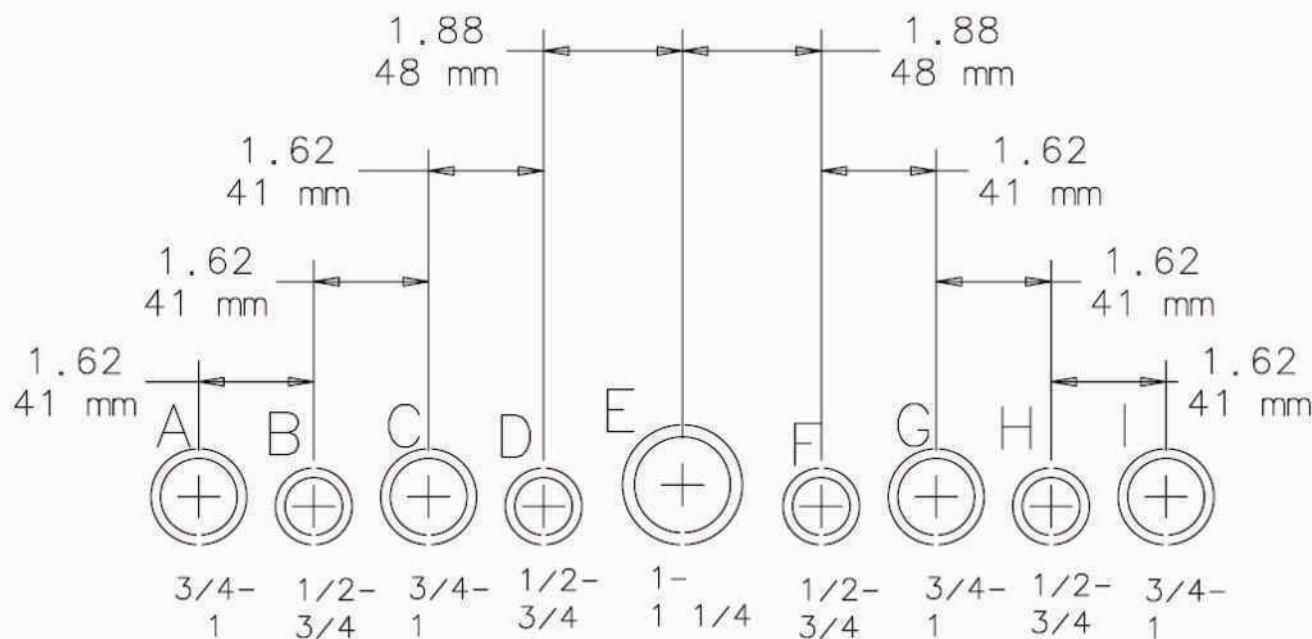
KNOCK-OUT:

- Standard CKOs features on all sides
- Enclosures also available without knockouts

COVERS:

- Flat covers are provided with key holes for rapid removal from box without removing screws.
- Flush mount covers also available.

NEMA Type 1 and Type 3R Knock Out Patterns





NEMA TYPE 1 SCREW COVER ENCLOSURES WITH K.O.

PRODUCT FEATURES

- ▶ ANSI 61 Gray Polyester Powder Paint Finish inside and out
- ▶ 16 Gauge Steel or Plated Steel
- ▶ Mounting holes on back of box



Cat. No.	Enclosure Size (Inches)			K.O. Pattern		Std. Pkg.
	Width	Height	Depth	A (Top & Bottom)	B (Left & Right)	
444	4	4	4	B-C	B-C	6
464	4	6	4	B-C	B-C-D	6
664	6	6	4	B-C-D	B-C-D	6
666	6	6	6	B-C-D	B-C-D	6
884	8	8	4	F-G-H-I	F-G-H-I	6
886	8	8	6	F-G-H-I	F-G-H-I	4
10104	10	10	4	C-D-E-F-G	F-G-H-I	4
10106	10	10	6	C-D-E-F-G	F-G-H-I	4
12124	12	12	4	C-D-E-F-G	C-D-E-F-G	2
12126	12	12	6	C-D-E-F-G	C-D-E-F-G	2
12128	12	12	8	C-D-E-F-G	C-D-E-F-G	1
12186	12	18	6	C-D-E-F-G	A-B-C-D-E-F-G-H-I	1
16164	16	16	4	B-C-D-E-F-G-H	B-C-D-E-F-G-H	1
16166	16	16	6	B-C-D-E-F-G-H	B-C-D-E-F-G-H	1
16168	16	16	8	B-C-D-E-F-G-H	B-C-D-E-F-G-H	1
18184	18	18	4	A-B-C-D-E-F-G-H-I	A-B-C-D-E-F-G-H-I	1
18186	18	18	6	A-B-C-D-E-F-G-H-I	A-B-C-D-E-F-G-H-I	1
18188	18	18	8	A-B-C-D-E-F-G-H-I	A-B-C-D-E-F-G-H-I	1
24244	24	24	4	A-B-C-D-E-F-G-H-I	A-B-C-D-E-F-G-H-I	1
24246	24	24	6	A-B-C-D-E-F-G-H-I	A-B-C-D-E-F-G-H-I	1
24248	24	24	8	A-B-C-D-E-F-G-H-I	A-B-C-D-E-F-G-H-I	1

Subject to change without notice.

NEMA TYPE 1 SCREW COVER ENCLOSURES WITHOUT K.O.

PRODUCT FEATURES

- ▶ ANSI 61 Gray Polyester Powder Paint Finish inside and out
- ▶ 16 Gauge Steel or Plated Steel
- ▶ Mounting holes on back of box



Cat. No.	Enclosure Size (Inches)			Std. Pkg.
	Width	Height	Depth	
444NK	4	4	4	6
464NK	4	6	4	6
664NK	6	6	4	6
666NK	6	6	6	6
884NK	8	8	4	6
886NK	8	8	6	4
10104NK	10	10	4	4
10106NK	10	10	6	4
12124NK	12	12	4	2
12126NK	12	12	6	2
12128NK	12	12	8	1
12186NK	12	18	6	1
16164NK	16	16	4	1
16166NK	16	16	6	1
16168NK	16	16	8	1
18184NK	18	18	4	1
18186NK	18	18	6	1
18188NK	18	18	8	1
24244NK	24	24	4	1
24246NK	24	24	6	1
24248NK	24	24	8	1

Subject to change without notice.



NEMA 3R SCREW COVER ENCLOSURES WITH K.O.

PRODUCT FEATURES

- ▶ ANSI 61 Gray Polyester Powder Paint Finish inside and out
- ▶ 16 Gauge Steel or Plated Steel
- ▶ Mounting holes on back of box
- ▶ With Padlock Hasp



Cat. No.	Body Style	Enclosure Size (Inches)			K.O. Pattern (Bottom)	Std. Pkg.
		Width	Height	Depth		
444R	A	4	4	4	B-C	6
464R	A	4	6	4	B-C	6
664R	A	6	6	4	B-C-D	6
666R	A	6	6	6	B-C-D	6
884R	A	8	8	4	F-G-H-I	6
886R	A	8	8	6	F-G-H-I	4
10104R	A	10	10	4	C-D-E-F-G	4
10106R	A	10	10	6	C-D-E-F-G	4
12124R	A	12	12	4	C-D-E-F-G	2
12126R	A	12	12	6	C-D-E-F-G	2
12128R	A	12	12	8	C-D-E-F-G	1
12186R	A	12	18	6	C-D-E-F-G	1
16164R	B	16	16	4	B-C-D-E-F-G-H	1
16166R	B	16	16	6	B-C-D-E-F-G-H	1
16168R	B	16	16	8	B-C-D-E-F-G-H	1
18184R	B	18	18	4	A-B-C-D-E-F-G-H-I	1
18186R	B	18	18	6	A-B-C-D-E-F-G-H-I	1
18188R	B	18	18	8	A-B-C-D-E-F-G-H-I	1
24244R	B	24	24	4	A-B-C-D-E-F-G-H-I	1
24246R	C	24	24	6	A-B-C-D-E-F-G-H-I	1
24248R	C	24	24	8	A-B-C-D-E-F-G-H-I	1

Subject to change without notice.

NEMA 3R SCREW COVER ENCLOSURES WITHOUT K.O.

PRODUCT FEATURES

- ▶ ANSI 61 Gray Polyester Powder Paint Finish inside and out
- ▶ 16 Gauge Steel or Plated Steel
- ▶ Mounting holes on back of box
- ▶ With Padlock Hasp



Cat. No.	Body Style	Enclosure Size (Inches)			Std. Pkg.
		Width	Height	Depth	
444RNK	A	4	4	4	6
464RNK	A	4	6	4	6
664RNK	A	6	6	4	6
666RNK	A	6	6	6	6
884RNK	A	8	8	4	6
886RNK	A	8	8	6	4
10104RNK	A	10	10	4	4
10106RNK	A	10	10	6	4
12124RNK	A	12	12	4	2
12126RNK	A	12	12	6	2
12128RNK	A	12	12	8	1
12186RNK	A	12	18	6	1
16164RNK	B	16	16	4	1
16166RNK	B	16	16	6	1
16168RNK	B	16	16	8	1
18184RNK	B	18	18	4	1
18186RNK	B	18	18	6	1
18188RNK	B	18	18	8	1
24244RNK	B	24	24	4	1
24246RNK	C	24	24	6	1
24248RNK	C	24	24	8	1

Subject to change without notice.



File E331152



Note: Other size & finishes are available by special order upon request.
Contact Orbit Representative for more information.

www.orbitelectric.com



SINGLE RESIDENCE SERVICE ENCLOSURES

PRODUCT FEATURES

- ▶ 18 GA Galvanized Steel
- ▶ Captive Cover Screws
- ▶ Screw/Nail holes on sides
- ▶ Open back to simplify splitter mounting and connection before installation of service box

Cat. No.	Features	Dimension (Excluding Bracket)				Color	Std. Pkg.
		Width	Height	Depth	Cu. In.		
UM900	Blank	3-3/4"	7"	2"	52.5	Beige	20
UM900-TV	With embossed "TELEVISION" text	3-3/4"	7"	2"	52.5	Beige	20
UM900-PH	With embossed "PHONE" text	3-3/4"	7"	2"	52.5	Beige	20
UM1020-TV	With embossed "TELEVISION" text	14-7/8"	4-5/8"	1-5/8"	111.8	Beige	10
UM1020-PH	With embossed "TELEPHONE" text & protector bracket	14-7/8"	4-5/8"	2-7/8"	197.8	Beige	10



UM900



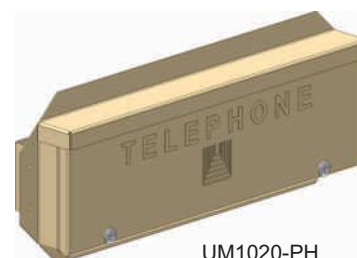
UM900-TV



UM900-PH



UM1020-TV



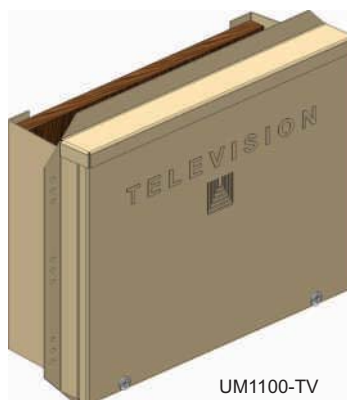
UM1020-PH

MODULAR INTERFACE SERVICE ENCLOSURES

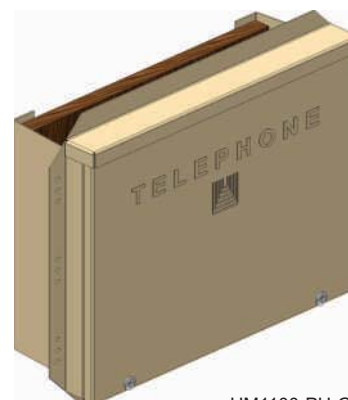
PRODUCT FEATURES

- ▶ 18 GA Galvanized Steel
- ▶ 2 Captive Cover Screws
- ▶ 9 screw/nail holes on sides
- ▶ Plywood back to simplify protector mounting and connection before installation of service box

Cat. No.	Description	Dimension (Excluding Bracket)				Color	Std. Pkg.
		Width	Height	Depth	Cu. In.		
UM1100-TV	With embossed "TELEVISION" text & Plywood back bracket	14-7/8"	11"	4-7/8"	797.6	Beige	5
UM1100-PH-GB	With embossed "TELEPHONE" text & Plywood back bracket With Installed Ground Bar	14-7/8"	11"	4-7/8"	797.6	Beige	5



UM1100-TV



UM1100-PH-GB



COMMUNICATIONS / FIBER OPTICS SERVICE ENCLOSURES

PRODUCT FEATURES

- ▶ 18 GA Galvanized Steel
- ▶ 4 Captive Cover Screws
- ▶ 24 screw/nail holes on sides
- ▶ Plywood back to simplify protector mounting and connection before installation of service box
- ▶ Plywood back bracket & grounding lug assembly

Cat. No.	Description	Dimension (Excluding Bracket)				Std. Color	Pkg.
		Width	Height	Depth	Cu. In.		
UM1400D	With embossed "COMMUNICATIONS"	14-7/8"	32"	6"	2856	Beige	1



UM1400D (6" Deep)

REPLACEMENT COVERS

PRODUCT FEATURES

- ▶ 18 GA Galvanized Steel
- ▶ Captive Cover Screws

Cat. No.	Description	Dimension		Std. Color	Pkg.
		Width	Height		
CVR1020-TV	Replacement Cover for UM1020-TV with "TELEVISION" Text	14-7/8"	4-7/8"	Beige	10
CVR1020-PH	Replacement Cover for UM1020-PH with "TELEPHONE" Text	14-7/8"	4-7/8"	Beige	10
CVR1100-TV	Replacement Cover for UM1100-TV with "TELEVISION" Text	14-7/8"	11"	Beige	10
CVR1100-PH	Replacement Cover for UM1100-PH with "TELEPHONE" Text	14-7/8"	11"	Beige	10
CVR1400	Replacement Cover for UM1400 with "COMMUNICATIONS" Text	14-7/8"	32"	Beige	5



CVR1020-TV



CVR1020-PH



CVR1100-TV



CVR1100-PH



CVR1400



Weatherproof Products

| **C**

Orbit's wide selection of weatherproof products meet the latest standards, offering the most protection for outdoor corrosive locations. Featuring products with a die cast metal construction and premium powder coat finish, our weatherproof products ensure devices are protected from the elements.

Extra Duty In-Use Weatherproof Covers | Pg. C1~2

Weatherproof



EXCEEDS EXTRA DUTY REQUIREMENTS

Metallic and Non-Metallic Extra Duty In-Use Weatherproof Covers provide devices with protection against outdoor elements while still maintaining ease of access. Each cover features multiple device configurations to suit any application and are constructed to meet the NEC Code for "Extra Duty".

Field Modifiable Weatherproof Boxes | Pg. C9



PUT KNOCKOUTS WHERE YOU NEED THEM

Field Modifiable Weatherproof Boxes allow installers to drill a KO along the edge of the box by simply using a circle drill. Embossed guidelines assist with positioning. Boxes can be used with existing device covers making them a must-have on every Service Truck!

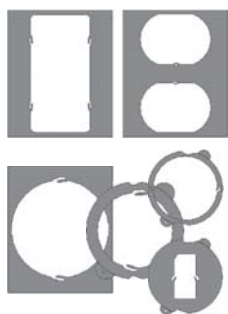
NEW

EXTRA DUTY IN-USE COVERS WITH INTERCHANGEABLE INSERTS

PRODUCT FEATURES

- ▶ Gray finish
- ▶ Clean installation with no break-off parts
- ▶ **Non-Metallic:**
Impact-Resistant Thermoplastic
- ▶ **Metallic:**
Heavy-Duty Die Cast Metal
- ▶ Pad lockable design
- ▶ Pre-installed Adhesive Gasket
- ▶ Extra large cord opening with rubber flaps that minimize debris
- ▶ Complies with NEC Article 406.9 (A)(B)(1)(2) for "EXTRA DUTY" & damp and wet locations (for more information visit Pg. W15)

Easy-to-Assemble Building-Block Style
Adapters Accommodate a Wide Range
of Wiring Devices



1-Gang Models Include:

- 1 x Toggle Switch
- 1 x Duplex Receptacle
- 1 x GFCI/Decorative
- 1 x 1-3/8"
- 1 x 1-9/16"~1-5/8"
- 1 x 1-11/16"
- 1 x 2-1/8"

2-Gang Models Include:

- 2 x Toggle Switch
- 2 x Duplex Receptacle
- 2 x GFCI/Decorative
- 2 x 1-3/8"
- 3 x 1-9/16"~1-5/8"
- 1 x 1-11/16"
- 1 x 2-1/8"
- 1 x 2-5/8"

Cat. No.	Description	Std. Pkg.
WIU-1U-ED	1-Gang Universal, 2-3/4" Deep	8
WIU-1UD-ED	1-Gang Universal, 3-1/2" Deep	8
WIUM-1DV	1-Gang Vert. - 2-3/4" & 4", Multi Height	10
WIUM-1DH	1-Gang Vert. - 2-3/4" & 3-1/2", Multi Height	10
WIU-2UD-ED	2-Gang - 3-1/2" Deep	6
WIUM-2U	2-Gang - 3-1/4" & 4-1/2", Multi Height	10

14 IN 1



WIU-1U-ED



WIU-1UD-ED

7 IN 1



WIUM-1DV (Metal)

Expands 2-3/4" & 4"



WIUM-1DH (Metal)

Expands 2-3/4" & 3-1/2"

31 IN 1



WIU-2UD-ED



WIUM-2U (Metal)

Expands 3-1/4" & 4-1/2"

Weatherproof

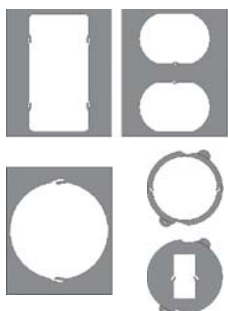


UNIVERSAL DEVICE COVERS

PRODUCT FEATURES

- ▶ Clean installation with no break-off parts
- ▶ Heavy-Duty Die-Cast Metal with Polycarbonate Inserts
- ▶ Pad lockable design
- ▶ Pre-installed Adhesive Gasket
- ▶ Meets NEC Article 406.9 (A) for damp and wet locations (for more information visit Pg. W15)

Easy-to-Assemble Building-Block Style Adapters Accommodate a Wide Range of Wiring Devices



1C-U Includes:
1 x Toggle Switch
1 x Duplex Receptacle
1 x GFCI/Decorative
1 x 1-3/8"
1 x 1-9/16"-1-5/8"

2C-U Includes:
2 x Toggle Switch
2 x Duplex Receptacle
2 x GFCI/Decorative
2 x 1-3/8"

3C-U Includes:
3 x Toggle Switch
3 x Duplex Receptacle
3 x GFCI/Decorative
3 x 1-3/8"



Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		Gray	Bronze	White	
1C-U	1-Gang	1C-U	1C-U-BR	1C-U-W	25
2C-U	2-Gang	2C-U	2C-U-BR	2C-U-W	12
3C-U	3-Gang	3C-U	-	-	10

5 IN 1



1C-U



Install Vertically or Horizontally

16 IN 1



2C-U

64 IN 1



3C-U

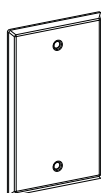
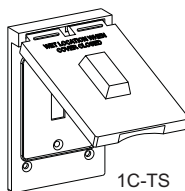
1-GANG BLANK AND DEVICE COVERS

2-3/4" W x 4-1/2" H

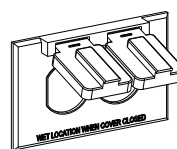
PRODUCT FEATURES

- ▶ Zinc Die Cast (Except 1-BC, 1-BC-G, & 1CA-SW)
- ▶ Gasket included
- ▶ Device mounted
- ▶ Meets NEC Article 406.9 (A) for damp and wet locations (for more information visit Pg. W15)

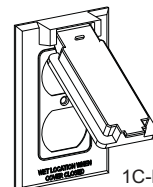
Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		Gray	Bronze	White	
1-BC	Aluminum Blank (Unpainted)	1-BC	-	-	50
1-BC-G	Heavy-Duty Galvanized Steel Blank	1-BC-G	1-BC-BR	1-BC-W	50
1C-TS	Toggle Switch	1C-TS	1C-TS-BR	1C-TS-W	25
1C-DH	Duplex/Combo. Device - Horizontal	1C-DH	1C-DH-BR	1C-DH-W	25
1C-DV	Duplex/Combo. Device - Vertical	1C-DV	1C-DV-BR	1C-DV-W	25
1C-GH	GFCI - Horizontal	1C-GH	1C-GH-BR	1C-GH-W	25
1C-GV	GFCI - Vertical	1C-GV	1C-GV-BR	1C-GV-W	25
1C-SH	Single recept. or Switch Horizontal 1.406" Diameter	1C-SH	-	-	25
1C-SV	Single recept. or Switch Vertical 1.406" Diameter	1C-SV	1C-SV-BR	1C-SV-W	25
1C-PO20	20A Power Outlet - 1.594" Diameter	1C-PO20	-	-	25
1C-PO30	30A Power Outlet - 1.750" Diameter	1C-PO30	-	-	25
1C-PO40	40-50A Power Outlet - 2.281" Diameter	1C-PO40	-	-	25
*1C-SW	Lever + 15A Single-Pole Switch	-	1C-SW-BR	1C-SW-W	25
1CA-SW	Aluminum Lever, compatible with Standard Toggle Switches	1CA-SW	1CA-SW-BR	1CA-SW-W	25
1CA-SW15 <small>NEW</small>	Aluminum Lever+15A Single-Pole Switch	1CA-SW15	1C-SW15-BR	1C-SW15-W	25
1CA-SW20 <small>NEW</small>	Aluminum Lever+20A Single-Pole Switch	1CA-SW20	-	-	25
G-1	Universal 1-Gang Foam Gasket	G-1 (Black only)			50


 1-BC
1-BC-G


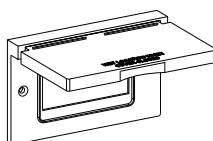
1C-TS



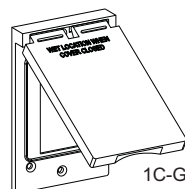
1C-DH



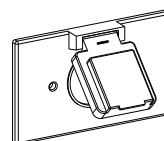
1C-DV



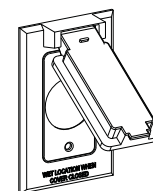
1C-GH



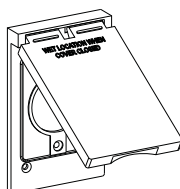
1C-GV



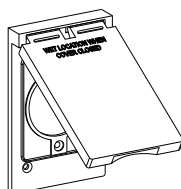
1C-SH



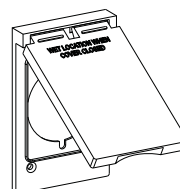
1C-SV



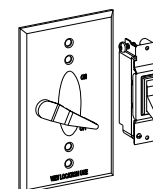
1C-PO20



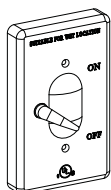
1C-PO30



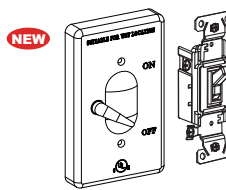
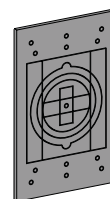
1C-PO40



*1C-SW



1CA-SW

1CA-SW15
1CA-SW20

G-1

PLASTIC 1-GANG DEVICE COVERS

2-3/4" W x 4-1/2" H

PRODUCT FEATURES

- ▶ Polycarbonate Composite
- ▶ Gasket included
- ▶ Device mounted
- ▶ Meets NEC Article 406.9 (A) for damp and wet locations (for more information visit Pg. W15)

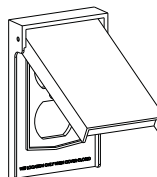
NOTE

File E327021

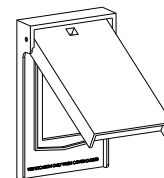
Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.
		Gray	White	
1CP-DH	Duplex/Combo. Device - Horizontal	1CP-DH	1CP-DH-W	20
1CP-DV	Duplex/Combo. Device - Vertical	1CP-DV	1CP-DV-W	20
1CP-GV	GFCI - Vertical	1CP-GV	1CP-GV-W	20



1CP-DH



1CP-DV



1CP-GV

1-GANG DEVICE COVERS WITH PADLOCK HASP

2-3/4" W x 4-1/2" H

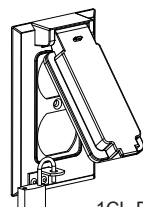
PRODUCT FEATURES

- ▶ Zinc Die Cast
- ▶ Gasket included
- ▶ Device mounted:
1CL-DV, 1CL-SV
- ▶ Box mounted: 1CL-GV
- ▶ Padlock not included

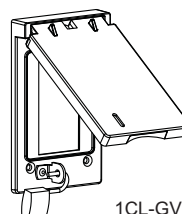
NOTE

File E227970

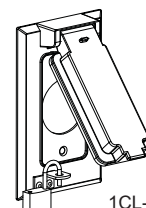
Cat. No.	Description	Std. Pkg.
1CL-DV	Duplex/Combo. Device - Vertical	25
1CL-GV	GFCI - Vertical	25
1CL-SV	Single recept. or Switch Vertical - 1.406" Diameter	25



1CL-DV



1CL-GV



1CL-SV

1-GANG RAISED COVERS

2-7/8" W x 4-5/8" H

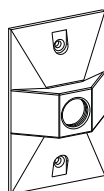
PRODUCT FEATURES

- ▶ Die Cast Copper-Free Aluminum
- ▶ Gasket included

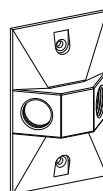
NOTE

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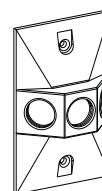
Cat. No.	Outlet Holes	Hole Size	Color (Cat. No. - Color Code)			Std. Pkg.
			Gray	Bronze	White	
RE-1	1	1/2"	RE-1	RE-1-BR	RE-1-W	25
RE-2	2	1/2"	RE-2	RE-2-BR	RE-2-W	25
RE-3	3	1/2"	RE-3	RE-3-BR	RE-3-W	25



RE-1



RE-2



RE-3

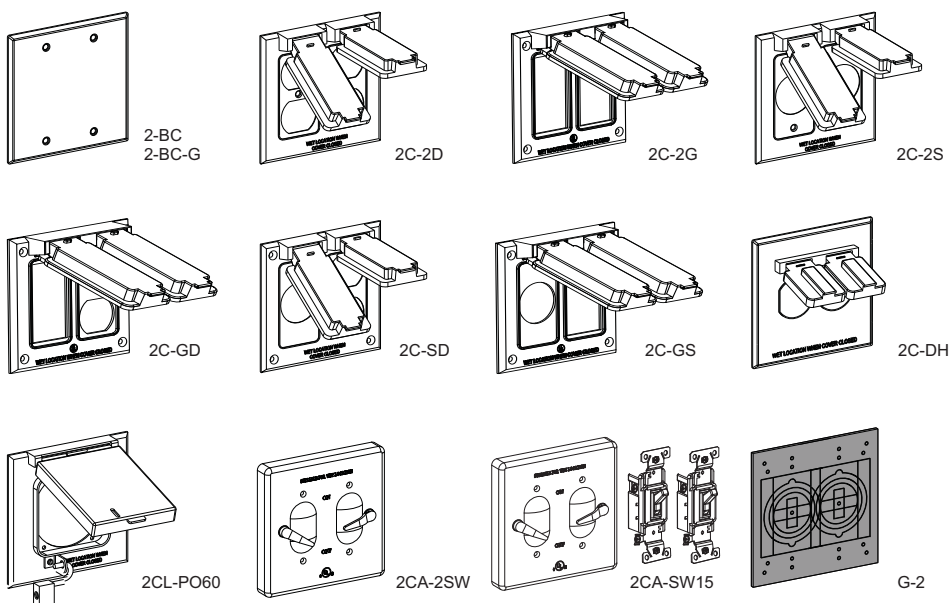
2-GANG BLANK AND DEVICE COVERS

4-9/16" W x 4-1/2" H

PRODUCT FEATURES

- ▶ Zinc Die Cast (Except 2-BC, 2-BC-G, & 2CA-2SW)
- ▶ Powder Coat Finish
- ▶ Gasket Included
- ▶ Device mounted:
2C-2D, 2C-2S, 2C-DH, 2CL-PO60, 2CA-2SW, 2CA-SW15
- ▶ Box mounted:
2-BC, 2-BC-G, 2C-2G, 2C-GD, 2C-SD, 2C-GS, 2C-2SW
- ▶ Meets NEC Article 406.9 (A) for and wet locations (for more information visit Pg. W15)

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		Gray	Bronze	White	
2-BC	Aluminum Blank (unpainted)	2-BC	-	-	25
2-BC-G	Heavy-Duty Galvanized Steel Blank	2-BC-G	2-BC-BR	2-BC-W	25
2C-2D	Two duplex receptacles	2C-2D	2C-2D-BR	2C-2D-W	12
2C-2G	Two GFCI	2C-2G	2C-2G-BR	2C-2G-W	12
2C-2S	Single recept. or Two switches- 1.406" diameter	2C-2S	2C-2S-BR	2C-2S-WH	12
2C-GD	One GFCI, One Duplex	2C-GD	-	-	12
2C-SD	One Duplex, One Single recept. - 1.406" diameter	2C-SD	-	-	12
2C-GS	One GFCI, one switch or Single recept. - 1.406" diameter	2C-GS	-	-	12
2C-DH	Oversized One Duplex - Horizontal device mount unit has K.O.'s for box mounting	2C-DH	-	-	12
2CL-PO60	One 30, 50, 60 Amp 3 & 4 Wire With Built-In Padlock Hasp - 2.641" diameter	2CL-PO60	-	-	12
2CA-2SW	Two Aluminum Levers, compatible with Standard Toggle Switches	2CA-2SW	2CA-2SW-BR	2CA-2SW-W	12
2CA-SW15	Two levers + Two 15A Single-Pole Switches	2CA-SW15	2CA-SW15-BR	2CA-SW15-W	12
G-2	Universal 2-Gang Foam Gasket	G-2 (Black Only)			50



3-GANG BLANK AND DEVICE COVERS

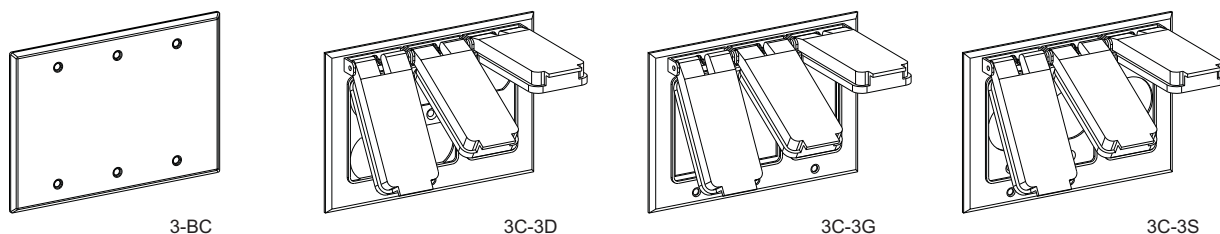
6-3/8" W x 4-1/2" H

PRODUCT FEATURES

- ▶ Zinc Die Cast
- ▶ Gray Powder Coat Finish
- ▶ Gasket Included
- ▶ Device mounted

Cat. No.	Description	Std. Pkg.
3-BC	Aluminum Blank	10
*3C-3D	Three Duplex receptacles	20
*3C-3G	Three GFCI	20
*3C-3S	Three Single recept. or Switches - 1.406" Diameter	20

*While Supplies Last - See Page C3 for Universal Cover





1-GANG BOXES 2" DEEP

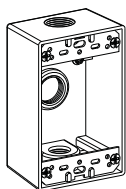
2-3/4" W x 4-1/2" H

PRODUCT FEATURES

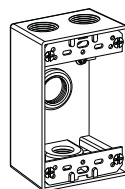
- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Powder Coat Finish
- ▶ Two Closure Plugs included
- ▶ Ground Screw installed
- ▶ Lugs included
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging



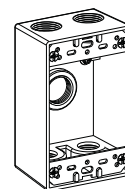
Cat. No.	Outlet Holes	Hole Size	Color (Cat. No. - Color Code)			Cu. Inch	Std. Pkg.
			Gray	Bronze	White		
1B50-3	3	1/2"	1B50-3	1B50-3-BR	1B50-3-W	18.3	20
1B50-4	4	1/2"	1B50-4	1B50-4-BR	1B50-4-W	18.3	20
1B50-5	5	1/2"	1B50-5	1B50-5-BR	1B50-5-W	18.3	20
1B50-5X	5	1/2"	1B50-5X	-	-	18.3	20
1B75-3	3	3/4"	1B75-3	1B75-3-BR	1B75-3-W	18.3	20
1B75-4	4	3/4"	1B75-4	1B75-4-BR	1B75-4-W	18.3	20
1B75-5	5	3/4"	1B75-5	1B75-5-BR	1B75-5-W	18.3	20
1B75-5X	5	3/4"	1B75-5X	-	-	18.3	20
1B100-3	3	1"	1B100-3	-	-	18.3	20



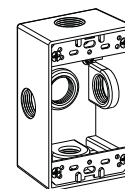
1B50-3
1B75-3
1B100-3



1B50-4
1B75-4



1B50-5
1B75-5



1B50-5X
1B75-5X

1-GANG DEEP BOXES 2-5/8" DEEP

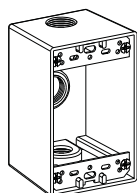
2-3/4" W x 4-1/2" H

PRODUCT FEATURES

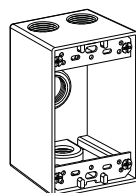
- ▶ Gray Finish
- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Powder Coat Finish
- ▶ Two Closure Plugs included
- ▶ Ground Screw installed
- ▶ Lugs included
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging



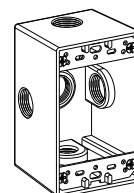
Cat. No.	Outlet Holes	Hole Size	Cu. Inch	Std. Pkg.
1DB50-3	3	1/2"	23.8	12
1DB50-4	4	1/2"	23.8	12
1DB50-5X	5	1/2"	23.8	12
1DB75-3	3	3/4"	23.8	12
1DB75-4	4	3/4"	23.8	12
1DB75-5X	5	3/4"	23.8	12
1DB100-3	3	1"	23.8	12
1DB100-5X	5	1"	23.8	12



1DB50-3
1DB75-3
1DB100-3



1DB50-4
1DB75-4



1DB50-5X
1DB75-5X
1DB100-5X

2-GANG BOXES 2" DEEP

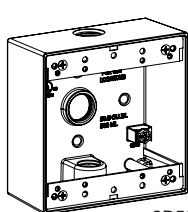
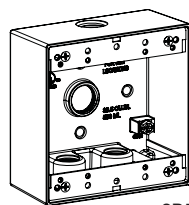
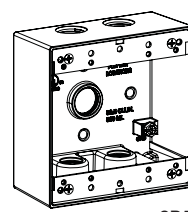
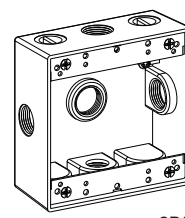
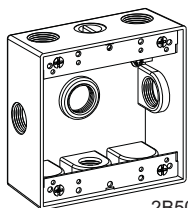
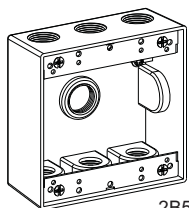
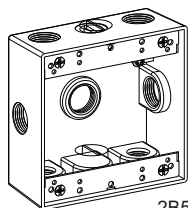
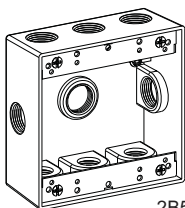
4-9/16" W x 4-1/2" H

PRODUCT FEATURES

- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Powder Coat Finish
- ▶ Two Closure Plugs included
- ▶ Ground Screw installed
- ▶ Lugs included
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging



Cat. No.	Outlet Holes	Hole Size	Color (Cat. No. - Color Code)			Cu. Inch	Std. Pkg.
			Gray	Bronze	White		
2B50-3	3	1/2"	2B50-3	2B50-3-BR	2B50-3-W	30.5	12
2B50-4	4	1/2"	2B50-4	-	-	30.5	12
2B50-5	5	1/2"	2B50-5	2B50-5-BR	2B50-5-W	30.5	12
2B50-5X	5	1/2"	2B50-5X	-	-	30.5	12
2B50-6X	6	1/2"	2B50-6X	-	-	30.5	12
2B50-7	7	1/2"	2B50-7	-	-	30.5	12
2B50-7X	7	1/2"	2B50-7X	-	-	30.5	12
2B50-9	9	1/2"	2B50-9	-	-	30.5	12
2B75-3	3	3/4"	2B75-3	2B75-3-BR	2B75-3-W	30.5	12
2B75-4	4	3/4"	2B75-4	-	-	30.5	12
2B75-5	5	3/4"	2B75-5	2B75-5-BR	2B75-5-W	30.5	12
2B75-5X	5	3/4"	2B75-5X	-	-	30.5	12
2B75-6X	6	3/4"	2B75-6X	-	-	30.5	12
2B75-7	7	3/4"	2B75-7	-	-	30.5	12
2B75-7X	7	3/4"	2B75-7X	-	-	30.5	12
2B75-9	9	3/4"	2B75-9	-	-	30.5	12
2B100-3	3	1"	2B100-3	2B100-3-BR	2B100-3-W	30.5	12
2B100-4	4	1"	2B100-4	-	-	30.5	12
2B100-5X	5	1"	2B100-5X	-	-	30.5	12


 2B50-3
2B75-3
2B100-3

 2B50-4
2B75-4
2B100-4

 2B50-5
2B75-5

 2B50-5X
2B75-5X
2B100-5X

 2B50-6X
2B75-6X

 2B50-7
2B75-7

 2B50-7X
2B75-7X

 2B50-9
2B75-9

2-GANG DEEP BOXES 2-5/8" DEEP

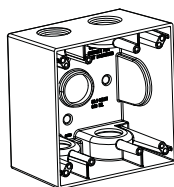
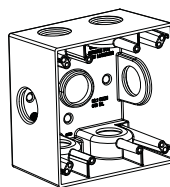
4-9/16" W x 4-1/2" H

PRODUCT FEATURES

- ▶ Gray Finish
- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Powder Coat Finish
- ▶ Two Closure Plugs included
- ▶ Ground Screw installed
- ▶ Lugs included
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging



Cat. No.	Outlet Holes	Hole Size	Cu. Inch	Std. Pkg.
2DB50-5	5	1/2"	39.1	9
2DB75-5	5	3/4"	39.1	9
2DB100-5	5	1"	39.1	9
2DB75-7X	7	3/4"	39.1	9
2DB100-7X	7	1"	39.1	9


 2DB50-5
2DB75-5
2DB100-5

 2DB75-7X
2DB100-7X



3-GANG DEEP BOX 2-5/8" DEEP

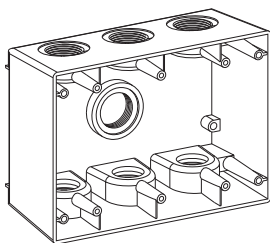
6-3/8" W x 4-1/2" H

PRODUCT FEATURES

- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Gray Powder Coat Finish
- ▶ Two Closure Plugs included
- ▶ Ground Screw installed
- ▶ Lugs included
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging



Cat. No.	Outlet Holes	Hole Size	Cubic Inch	Std. Pkg.
3DB50-7	7	1/2"	54.0	10
3DB75-7	7	3/4"	54.0	10
3DB100-7	7	1"	54.0	10



3DB50-7
3DB75-7
3DB100-7

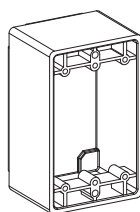
PLASTIC MODIFIABLE WEATHERPROOF BOXES

PRODUCT FEATURES

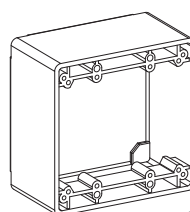
- ▶ Patented design
- ▶ Field-Modifiable Box
- ▶ Embossed Guidelines for hole positioning
- ▶ Make hole anywhere
- ▶ Use with any device cover
- ▶ (2) 1/2" and (2) 3/4" Locknuts included
- ▶ Lugs Included



Cat. No.	No. of Gangs	Depth	Dimension W x H	Cubic Inch	Color (Cat. No. - Color Code)		Std. Pkg.
					Gray	White	
1PB	1	2-5/16"	2-13/16" x 4-5/8"	22.5	1PB-G	1PB-W	25
2PB	2	2-9/16"	4-9/16" x 4-9/16"	42.5	2PB-G	2PB-W	25



1PB



2PB

**1 BOX
DOES IT ALL!**

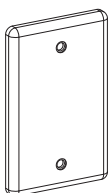
PLASTIC BLANK COVER WITH GASKET

PRODUCT FEATURES

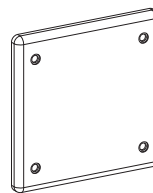
- ▶ Use with 1PB or 2PB



Cat. No.	No. of Gangs	Dimension W x H	Color (Cat. No. - Color Code)		Std. Pkg.
			Gray	White	
1PC	1	3" x 4-3/4"	1PC-G	1PC-W	25
2PC	2	4-3/4" x 4-3/4"	2PC-G	2PC-W	25



1PC



2PC

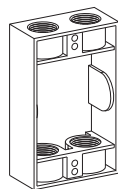
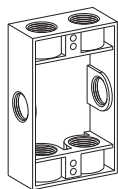
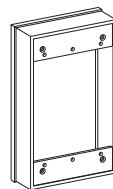
1-GANG EXTENSION RINGS 1" DEEP

2-3/4" W x 4-1/2" H

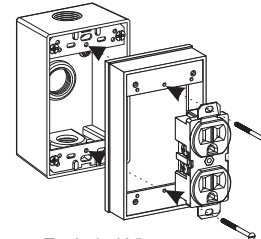
PRODUCT FEATURES

- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Gray Powder Coat Finish
- ▶ Two Closure Plugs included (except EXR-1)
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging

Cat. No.	Outlet Holes	Hole Size	Cubic Inch	Std. Pkg.
EXB50-4	4	1/2"	9.5	12
EXB50-6	6	1/2"	9.5	12
EXB75-4	4	3/4"	9.5	12
EXB75-6	6	3/4"	9.5	12
EXR-1	-	-	10.0	24


 EXB50-4
EXB75-4

 EXB50-6
EXB75-6


EXR-1


 Exploded View,
EXR-1 Shown Installed

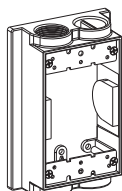
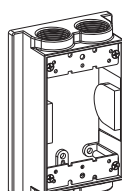
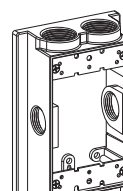
1-GANG FLANGED EXTENSION BOXES 1-1/2" DEEP

3-1/2" W x 5-1/4" H

PRODUCT FEATURES

- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Gray Powder Coat Finish
- ▶ Two Closure Plugs included
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging

Cat. No.	Outlet Holes	Hole Size	Cubic Inch	Std. Pkg.
EXF50-2	2	1/2"	13.5	10
EXF50-4	4	1/2"	13.5	10
EXF50-6	6	1/2"	13.5	10
EXF75-2	2	3/4"	13.5	10
EXF75-4	4	3/4"	13.5	10
EXF75-6	6	3/4"	13.5	10


 EXF50-2
EXF75-2

 EXF50-4
EXF75-4

 EXF50-6
EXF75-6

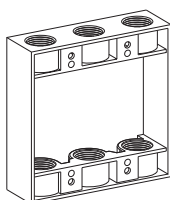
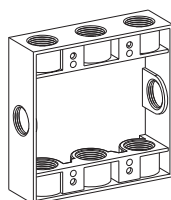
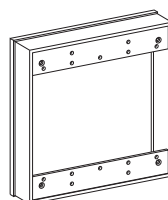
2-GANG EXTENSION RINGS 1" DEEP

4-9/16" W x 4-1/2" H

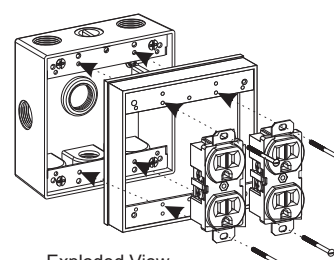
PRODUCT FEATURES

- ▶ Die Cast Copper-Free Aluminum
- ▶ Premium Gray Powder Coat Finish
- ▶ Two Closure Plugs included (except EXR-2)
- ▶ Individually shrink-wrapped with barcode
- ▶ Retail shelf packaging

Cat. No.	Outlet Holes	Hole Size	Cubic Inch	Std. Pkg.
2EXB50-6	6	1/2"	15.0	9
2EXB75-6	6	3/4"	15.0	9
2EXB50-8	8	1/2"	15.0	9
2EXB75-8	8	3/4"	15.0	9
EXR-2	-	-	16.3	12


 2EXB50-6
2EXB75-6

 2EXB50-8
2EXB75-8


EXR-2


 Exploded View,
EXR-2 Shown Installed

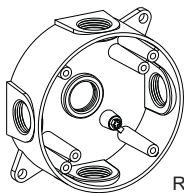
4" ROUND BOXES & EXTENSION RINGS

1-1/2" Deep

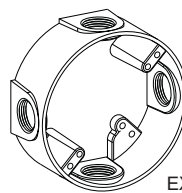
PRODUCT FEATURES

- Die Cast Aluminum

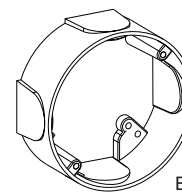
Cat. No.	Outlet Holes	Hole Size	Color (Cat. No. - Color Code)			Cu. Inch	Std. Pkg.
			Gray	Bronze	White		
RB50-5	5	1/2"	RB50-5	RB50-5-BR	RB50-5-W	15.8	16
RB75-5	5	3/4"	RB75-5	-	-	15.8	16
EXR50-4	4	1/2"	EXR50-4	-	-	19.0	16
EXR75-4	4	3/4"	EXR75-4	-	-	19.0	16
EXR-R	-	-	EXR-R	-	-	19.0	50



RB50-5
RB75-5



EXR50-4
EXR75-4



EXR-R

Weatherproof

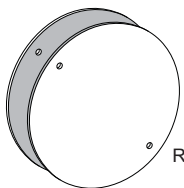
4" ROUND COVERS

PRODUCT FEATURES

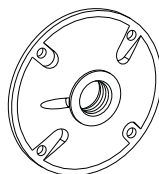
- Die Cast Aluminum

Cat. No.	Outlet Holes	Hole Size	Color (Cat. No. - Color Code)				Std. Pkg.
			Gray	Bronze	Black	White	
RBC-4*	-	-	-	-	-	-	25
RC-1	1	1/2"	RC-1	RC-1-BR	-	RC-1-W	25
RC-2	2	1/2"	RC-2	RC-2-BR	-	RC-2-W	25
RC-3D (Dome)	3	1/2"	RC-3D	-	-	-	25
RC-3	3	1/2"	RC-3	RC-3-BR	-	RC-3-W	25
G-R	Foam Gasket		G-R				25

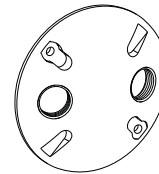
*Stamped Aluminum, Natural Color



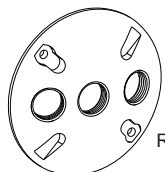
RBC-4



RC-1

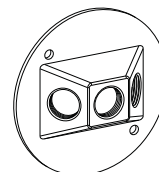


RC-2

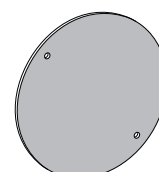


RC-3D

Can be mounted
on a 3" Plaster Ring



RC-3



G-R

1-GANG CAST DEVICE BOXES 2" DEEP

3" W x 6-1/10" H

PRODUCT FEATURES

- ▶ Malleable Iron
- ▶ Zinc Electroplated
- ▶ Dead End or Feed Through Configurations
- ▶ For both outdoor and indoor use

Cat. No.	Outlet Holes	Hole Size	Configuration	Std. Pkg.
1MFS-50	1	1/2"	Dead End	1
1MFS-75	1	3/4"	Dead End	1
1MFS-100	1	1"	Dead End	1
1MFSC-50	2	1/2"	Feed Through	1
1MFSC-75	2	3/4"	Feed Through	1
1MFSC-100	2	1"	Feed Through	1



1MFS



1MFSC

1-GANG DEEP CAST DEVICE BOXES 2-7/10" DEEP

3" W x 6-1/10" H

PRODUCT FEATURES

- ▶ Malleable Iron
- ▶ Zinc Electroplated
- ▶ Dead End or Feed Through Configurations
- ▶ For both outdoor and indoor use

Cat. No.	Outlet Holes	Hole Size	Configuration	Std. Pkg.
1MFD-50	1	1/2"	Dead End	1
1MFD-75	1	3/4"	Dead End	1
1MFD-100	1	1"	Dead End	1
1MFDC-50	2	1/2"	Feed Through	1
1MFDC-75	2	3/4"	Feed Through	1
1MFDC-100	2	1"	Feed Through	1



1MFD



1MFDC

1-GANG CAST DEVICE BOX COVERS

PRODUCT FEATURES

- ▶ Malleable Iron or Steel
- ▶ Zinc Electroplated
- ▶ For both with FS & FD Cast Device Boxes

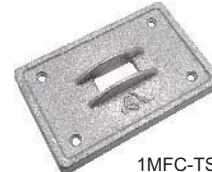
Cat. No.	Description	Std. Pkg.
1MFC-B	Blank, Malleable Iron	20
1MFC-D	Duplex, Malleable Iron	20
1MFC-TS	Guarded Toggle Switch, Malleable Iron	20
1SFC-B	Blank, Steel	25
1SFC-D	Duplex, Steel	25
1SFC-TS	Unguarded Toggle Switch, Steel	25
1SFC-G	GFI, Steel	25
FG-1	Gasket, Neoprene	50



1MFC-B



1MFC-D



1MFC-TS



1MFC-B



1MFC-D



1MFC-TS



1MFC-G

SWIMMING POOL JUNCTION BOXES

PRODUCT FEATURES

- ▶ Metal/Plastic
- ▶ For use with installation of underwater pool lights
- ▶ For connection to 120V or low voltage below normal water level of the pool
- ▶ Meets NEC Article 680.52 (A)(B) (for more information see Pg. W15)
- ▶ Solid Brass Wiring Platform with grounding post and 3 ground terminals for use with metallic or PVC conduit

Cat. No.	Description	Size & Remarks	Std. Pkg.
SJB-50/100	Two 1/2", One 1" outlets With 1" to 1/2" port adapter Black Lexan Cover with built-in gasket Brass bottom	3.5"W x 5.38"H x 2"D 22.0 Cu. In.	1
SJB100-3 (Black) SJB100-3-W (White)	Two 3/4", One 1" outlets Black or White Lexan Material with built-in gasket Brass Terminal Block, Brass Ground Lug	4"Dia. X 1.75"D 14.0 Cu. In. (Use with PVC Pipe)	1
SJB100-5 (Black) SJB100-5-W (White)	One 1/2", Two 3/4", Two 1" outlets Black or White Lexan Material with built-in gasket Brass Terminal Block, Brass Ground Lug	5"Dia. X 2"D 23.0 Cu. In. (Use with PVC Pipe)	1
SJB-ROD	4-Ft. Solid PVC Support Rod for Lexan Boxes	1/2" Dia X 4'	2



SJB-ROD



SJB-50/100



SJB100-3



SJB100-3-W



SJB100-5



SJB100-5-W

UNDERWATER JUNCTION BOXES

PRODUCT FEATURES

- ▶ Solid Brass
- ▶ Max O.D. Cable- 0.238"



UNDERWATER

Cat. No.	Description
UWJB-6	6-Way Connection
UWJB-8	8-Way Connection
UWJB-10	10-Way Connection

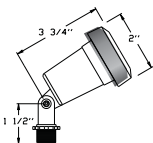


LAMP HOLDERS

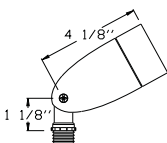
PRODUCT FEATURES

- Die Cast Aluminum & Zinc
- 120V
- PAR38 (90W Max.) (Except QR100)

Cat. No.	Description	Color (Cat. No. - Color Code)					Std. Pkg.
		Gray	Bronze	Black	White	Green	
LH150-SG	Lampholder with Premium Silicon Outer Gasket	LH150-SG-GY	LH150-SG-BR	LH150-SG-BK	LH150-SG-W	-	25
LH90	Premium Lampholder	LH90-GY	-	-	LH90-WH	-	25
HL2	Hooded Lampholder	HL2-GY	-	HL2-BK	HL2-WH	HL2-GN	25
*QR100	Commercial Die-Cast Metal Quartz Halogen Lamp Holder 120V Input, 100 Watt T4 Bi-Pin included	QR100-GY	QR100-BR	QR100-BK	QR100-WH	-	25

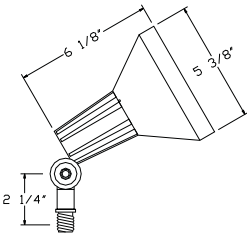


LH150-SG

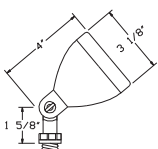


LH90

Includes Premium Silicon Gasket



HL2



*QR100

LAMP HOLDER ACCESSORIES

Cat. No.	Description	Colors Available	Std. Pkg.
BASE	Surface-Mount Bracket 1/2" Female, Cast Aluminum	BK, BR, GN, VG, WH	10
BASE-R	Round Surface-Mount Bracket 1/2" Female, Cast Aluminum	BK, BR, GN, VG, WH	10
BASE-SB	Round Surface-Mount Bracket 1/2" Female, Solid Brass	Antique Brass, Ant. Brz, Acid Grn	10
TB-LV	Tree-Hugger Canopy, Low-Voltage	BR, GN, VG, WH	1



BASE



BASE-R



BASE-SB



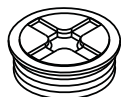
TB-LV

WEATHERPROOF CLOSURE PLUGS

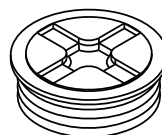
PRODUCT FEATURES

- ▶ Zinc Die Cast in 1/2" and 3/4" sizes
- ▶ Aluminum Die Cast in 1"
- ▶ Poly Bagged with Barcode

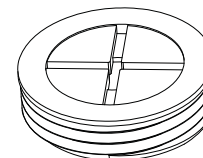
Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.	Master Ctn.
		Gray	Bronze	Black		
PL-50	1/2" Closure Plug, 100 bags of 5	PL-50	PL-50-BR	PL-50-W	500	-
PL-75	3/4" Closure Plug, 100 bags of 5	PL-75	PL-75-BR	PL-75-WH	500	-
PL-100	1" Closure Plug, 100 bags of 2	PL-100	-	-	200	-



PL-50



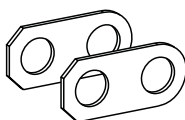
PL-75



PL-100

WEATHERPROOF ACCESSORIES

Cat. No.	Description	Color	Std. Pkg.
LUG	Mounting Lugs, Each unit is a poly bag containing 2 lugs and 2 screws	Natural	100
SW-SP	1/2" Brass Spacer for mounting a Toggle Switch in a Lever Switch Cover	Natural	100
G	Inner Fiber Gasket for LH150 Weatherproof Lamp Holder	-	250
SG	Premium Silicon Outer Sealing Gasket for LH150 Weatherproof Lamp Holder	-	25
WG-38	PAR38 Wire Guard for Weatherproof Lamp Holders, Zinc-Plated Steel	-	5
YAD-50	1/2" Die-Cast Aluminum "Y" Adapter, One Male to Two Female Hubs	Gray	25
BH-50	1/2" Zinc-Die Cast Weatherproof Box Holder	-	25



LUG



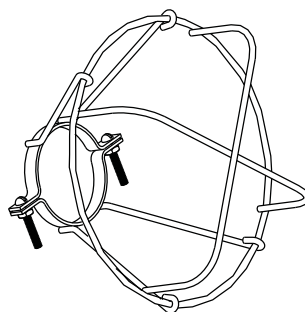
SW-SP



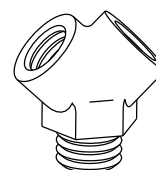
G



SG



WG-38



YAD-50



BH-50

PHOTOELECTRIC CONTROLS

PRODUCT FEATURES

- ▶ 1.5VA Power Consumption
- ▶ 6-20 Lx On Level
- ▶ 30-60 Lx Off Level
- ▶ 2-Year Warranty

Cat. No.	Description	Rating		Std. Pkg.
		Tungsten	Ballast	
PC-1	120V 50/60Hz, Standard Contractor Grade	2000 W	1900VA	12
PC-1-277	208/277V 50/60Hz, Standard Contractor Grade	2000 W	1900VA	12
PC-1S	120V 50/60Hz, Swivel-Type	1200 W	1000VA	12
PC-1SH	120V 50/60Hz, High-Wattage Swivel-Type	2000 W	1900VA	12
PC-1F	120V 50/60Hz, Wire-In Flush Model	500 W	850VA	12
PC-1F-277	208/277V 50/60Hz, Wire-In Flush Model	500 W	850VA	12
PC-1P	120V 50/60Hz, with Weatherproof Plate & Gasket	500 W	850VA	12
PC-1T	120~277V 50/60Hz, Twist Lock E-Ballast: 8A@120VAC, 5A@208-277VAC	1000 W	1800VA	12


 PC-1
 PC-1-277


PC-1S



PC-1SH


 PC-1F
 PC-1F-277


PC-1P



PC-1T

Handy Ells & Conduit Elbows Quick Reference

For More Information See Fittings Section on Page D32



PEB-50
PEB-75
PEB-100
PEB-125



PE-50
PE-75
PE-100
PE-125



SSPEB-G50
SSPEB-G75
SSPEB-G100
SSPEB-G125



SSPEB-50
SSPEB-75
SSPEB-100
SSPEB-125



SSPE-G50
SSPE-G75
SSPE-G100
SSPE-G125



SSPE-50
SSPE-75
SSPE-100
SSPE-125



EEL22-50
EEL22-75
EEL22-100
EEL22-120
EEL22-150
EEL22-200
EEL22-250
EEL22-300
EEL22-350
EEL22-400



EEL45-50
EEL45-75
EEL45-100
EEL45-120
EEL45-150
EEL45-200
EEL45-250
EEL45-300
EEL45-350
EEL45-400



EEL90-50
EEL90-75
EEL90-100
EEL90-120
EEL90-150
EEL90-200
EEL90-250
EEL90-300
EEL90-350
EEL90-400



REL22-50
REL22-75
REL22-100
REL22-120
REL22-150
REL22-200
REL22-250
REL22-300
REL22-350
REL22-400



REL45-50
REL45-75
REL45-100
REL45-120
REL45-150
REL45-200
REL45-250
REL45-300
REL45-350
REL45-400



REL90-50
REL90-75
REL90-100
REL90-120
REL90-150
REL90-200
REL90-250
REL90-300
REL90-350
REL90-400

Weatherproof



Conduit Bodies Quick Reference

For More Information See Fittings Section Starting on Page D33

FORM 7 GRAY IRON CONDUIT BODIES

Weatherproof



LB7-50
LB7-75
LB7-100
LB7-125
LB7-150
LB7-200
LB7-250
LB7-300
LB7-350
LB7-400



LL7-50
LL7-75
LL7-100
LL7-125
LL7-150
LL7-200
LL7-250
LL7-300
LL7-350
LL7-400



LR7-50
LR7-75
LR7-100
LR7-125
LR7-150
LR7-200
LR7-250
LR7-300
LR7-350
LR7-400



C7-50
C7-75
C7-100
C7-125
C7-150
C7-200
C7-250
C7-300



T7-50
T7-75
T7-100
T7-125
T7-150
T7-200
T7-250
T7-300
T7-350
T7-400



SCG7-50
SCG7-75
SCG7-100
SCG7-125
SCG7-150
SCG7-200
SCG7-250/300
SCG7-350/400



GICG7-50
GICG7-75
GICG7-100
GICG7-125
GICG7-150
GICG7-200
GICG7-250/300
GICG7-350/400

FORM 8 GRAY IRON CONDUIT BODIES



LB8-50
LB8-75
LB8-100
LB8-125
LB8-150
LB8-200
LB8-250
LB8-300
LB8-350
LB8-400



LL8-50
LL8-75
LL8-100
LL8-125
LL8-150
LL8-200
LL8-250
LL8-300



LR8-50
LR8-75
LR8-100
LR8-125
LR8-150
LR8-200
LR8-250
LR8-300



C8-50
C8-75
C8-100
C8-125
C8-150
C8-200
C8-250
C8-300



T8-50
T8-75
T8-100
T8-125
T8-150
T8-200
T8-250
T8-300



SCG8-50
SCG8-75
SCG8-100
SCG8-125
SCG8-150
SCG8-200
SCG8-250/300
SCG8-350/400



GICG8-50
GICG8-75
GICG8-100
GICG8-125
GICG8-150
GICG8-200
GICG8-250/300
GICG8-350/400



Conduit Bodies Quick Reference

For More Information See Fittings Section Starting on Page D33

	LB-50A LB-75A LB-100A LB-125A LB-150A LB-200A LB-250A LB-300A LB-350A LB-400A		LL-50A LL-75A LL-100A LL-125A LL-150A LL-200A LL-250A LL-300A LL-400A		LR-50A LR-75A LR-100A LR-125A LR-150A LR-200A LR-250A LR-300A LR-400A		C-50A C-75A C-100A C-125A C-150A C-200A C-250A C-300A C-400A
	T-50A T-75A T-100A T-125A T-150A T-200A T-250A T-300A T-400A		SLB-50 SLB-75 SLB-100 SLB-125 SLB-150 SLB-200		LBM-150 LBM-200 LBM-250 LBM-300 LBM-350 LBM-400		LB-50 LB-75 LB-100 LB-125 LB-150 LB-200 LB-250 LB-300 LB-350 LB-400
	LL-50 LL-75 LL-100 LL-125 LL-150 LL-200 LL-250 LL-300 LL-400		LR-50 LR-75 LR-100 LR-125 LR-150 LR-200 LR-250 LR-300 LR-400		C-50 C-75 C-100 C-125 C-150 C-200 C-250 C-300 C-400		T-50 T-75 T-100 T-125 T-150 T-200 T-250 T-300 T-400
 Malleable Iron	MLB-50 MLB-75 MLB-100 MLB-125 MLB-150 MLB-200 MLB-250 MLB-300 MLB-350 MLB-400	 Malleable Iron	MLL-50 MLL-75 MLL-100 MLL-125 MLL-150 MLL-200 MLL-250 MLL-300 MLL-350 MLL-400	 Malleable Iron	MLR-50 MLR-75 MLR-100 MLR-125 MLR-150 MLR-200 MLR-250 MLR-300 MLR-350 MLR-400	 Malleable Iron	MC-50 MC-75 MC-100 MC-125 MC-150 MC-200 MC-250 MC-300 MC-350 MC-400
 Malleable Iron	MT-50 MT-75 MT-100 MT-125 MT-150 MT-200 MT-250 MT-300 MT-350 MT-400	 Set-Screw EMT	SSLB-50 SSLB-75 SSLB-100 SSLB-125 SSLB-150 SSLB-200 SSLB-250 SSLB-300 SSLB-350 SSLB-400	 Set-Screw EMT	SSLR-50 SSLR-75 SSLR-100 SSLR-125 SSLR-150 SSLR-200	 Set-Screw EMT	SSLL-50 SSLL-75 SSLL-100 SSLL-125 SSLL-150 SSLL-200
 Set-Screw EMT	SSC-50 SSC-75 SSC-100 SSC-125 SSC-150 SSC-200	 Set-Screw EMT	SST-50 SST-75 SST-100 SST-125 SST-150 SST-200		CG-50 CG-75 CG-100 CG-125/150 CG-200 CG-250/300 CG-350/400		G-50 G-75 G-100 G-125/150 G-200 G-250/300 G-350-400

Weatherproof

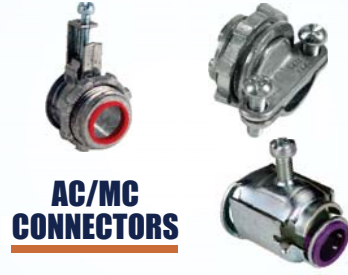


Electrical Fittings | D



Orbit features an extensive variety of Electrical Fittings in sizes and shapes to fit any application. Each fitting is constructed to meet our high standards, resulting in a group of products consisting of a quality found nowhere else. Our vast selection includes EMT, Rigid, Liquid Tight, Conduit Bodies, Elbows, Straps, Groundings and more.


EMT FITTINGS

FLEX CONNECTORS

**AC/MC
CONNECTORS**

**LIQUID TIGHT
CONNECTORS**

GROUNDINGS

**CONDUIT
BODIES**

STRAPS

**CONDUIT
ELBOWS**

AND MORE...

MATERIALS

**STEEL, DIE CAST ZINC,
MALLEABLE IRON, AND PVC.**



Steel



Die Cast Zinc



Malleable Iron



PVC

Orbit's fittings are available in a variety of sizes and high quality materials.



EMT Combination Couplings | Pg. D6



FOR A SMOOTHER TRANSITION

Combination Couplings have been added in the form of Rigid to EMT and EMT to Liquid Tight Combination Couplings. Both fittings are available in 1/2", 3/4" and 1" sizes. Rigid to EMT are available in Set-Screw Type while the EMT to Liquid Tights are available as a Compression Type Fitting.

Double-Snap Connectors | Pg. D13



A SIMPLE AND TOOL- FREE INSTALLATION

Double-Snap Connectors make connecting AC/MC cables to enclosures easy and tool-free. Available for new and old-work installations, each connector can be assembled to the cable or box without the need for tools, resulting in a faster installation. Both are also easily removable and can be reused.



Liquid Tight Lay-In Lugs | Pg. D19~D21



**PERFECT FOR
SOLAR INSTALLATIONS**

A variety of Liquid Tight Connectors featuring Lay-In Lugs have been added to our Liquid Tight offering. These fittings are available in a range of different sizes in straight, 45° and 90° angles. Each features an aluminum lay-in lug which allows for an easy installation of ground wire.

Terminal Lugs | Pg. D28~D29



**PERFECT FOR FACILIATING
MECHANICAL CONNECTIONS**

Terminal Lugs provide an access point for grounding contact points between loads. They quickly connect wires to metal enclosures through the use of a set-screw. Available in Aluminum. Dual rated for Copper and Aluminum conductors



Intersystem Grounding Bridges | Pg. D29



**FOR A RELIABLE
BONDING CONNECTION**

Intersystem Ground and Bonding Bridges provide a reliable bonding connection between power and communication ground systems. Each Bridge can accommodate multiple communication system hookups. Available in Zinc Die Cast and Bronze.

Conduit Clamps | Pg. D53



**PROVIDE A SECURE SUPPORT
OF HEAVY LOADS**

Available in 3 types - Edge, Right Angle and Parallel Type - Orbit's new Conduit Clamps are used to secure Rigid, IMC and EMT conduits to beams and channels. Featuring a Malleable Iron construction, these Clamps are capable of supporting heavy loads, ensuring protection to the raceway.



Form 7 & 8 Conduit Bodies

Orbit's Form 7 and 8 Conduit Bodies can be used in wet locations and are perfect for industrial manufacturing facilities. Each Conduit Body features a Gray Iron construction, tapered threads and integral bushings for greater wire protection.

Form 7 Conduit Bodies | Pg. D44~D47

Electrical Fittings



A MORE COMPACT INDUSTRIAL CONDULET

Form 7 Bodies feature a smaller design for a neat and compact installation. A special clip-on cover attachment allows for a quick and simple installation and removal.

Form 8 Conduit Bodies | Pg. D47~D50



LARGER CONDUIT FOR LARGER JOBS

Form 8 Bodies are larger, providing more room for heavier and wide conductors. Similar to Form 7, each Form 8 Conduit Body features tapered threads and integral bushings for greater wire protection.

STEEL EMT CONNECTORS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight when taped
- ▶ Suitable for applications above 600V

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF7701	1/2"	50	500
OF7702	3/4"	25	250
OF7703	1"	10	100
OF7704	1-1/4"	10	100
OF7705	1-1/2"	10	50
OF7706	2"	5	50
OF7707	2-1/2"	-	12
OF7708	3"	-	12
OF7709	3-1/2"	-	6
OF7710	4"	-	6



1/2" to 1"



1-1/4" to 2"



2-1/2" to 4"

STEEL INSULATED EMT CONNECTORS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ With Insulated Throat
- ▶ Concrete-Tight when taped
- ▶ Suitable for applications above 600V

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- ▶ Insulated color may vary

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF7701-S	1/2"	50	500
OF7702-S	3/4"	25	250
OF7703-S	1"	10	100
OF7704-S	1-1/4"	10	100
OF7705-S	1-1/2"	10	50
OF7706-S	2"	5	50
OF7707-S	2-1/2"	-	12
OF7708-S	3"	-	12
OF7709-S	3-1/2"	-	6
OF7710-S	4"	-	6



1/2" to 1"



1-1/4" to 2"



2-1/2" to 4"

STEEL EMT COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight when taped
- ▶ Suitable for applications above 600V

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF7711	1/2"	50	500
OF7712	3/4"	25	250
OF7713	1"	10	100
OF7714	1-1/4"	10	100
OF7715	1-1/2"	10	50
OF7716	2"	5	50
OF7717	2-1/2"	-	12
OF7718	3"	-	12
OF7719	3-1/2"	-	6
OF7720	4"	-	6



1/2" to 1"



1-1/4" to 2"



2-1/2" to 4"



STEEL EMT CONNECTORS COMPRESSION TYPE & RAIN-TIGHT

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight
- ▶ Suitable for applications above 600V

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- ▶ Compression Cap color may vary



Cat. No. Compression	Cat. No. Rain-Tight	Trade Size	Std. Pkg.	Master Ctn.
OF7601	OF7601-W	1/2"	25	250
OF7602	OF7602-W	3/4"	25	250
OF7603	OF7603-W	1"	10	100
OF7604	OF7604-W	1-1/4"	10	100
OF7605	OF7605-W	1-1/2"	10	50
OF7606	OF7606-W	2"	5	50
OF7607	OF7607-W	2-1/2"	-	12
OF7608	OF7608-W	3"	-	12
OF7609	OF7609-W	3-1/2"	-	6
OF7610	OF7610-W	4"	-	6



Compression Type



Rain-Tight

STEEL INSULATED EMT CONNECTORS COMPRESSION TYPE & RAIN-TIGHT

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ With Insulated Throat
- ▶ Concrete-Tight
- ▶ Suitable for applications above 600V

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- ▶ Insulated and Compression Cap color may vary



Cat. No. Compression	Cat. No. Rain-Tight	Trade Size	Std. Pkg.	Master Ctn.
OF7601-S	OF7601-SW	1/2"	25	250
OF7602-S	OF7602-SW	3/4"	25	250
OF7603-S	OF7603-SW	1"	10	100
OF7604-S	OF7604-SW	1-1/4"	10	100
OF7605-S	OF7605-SW	1-1/2"	10	50
OF7606-S	OF7606-SW	2"	5	50
OF7607-S	OF7607-SW	2-1/2"	-	12
OF7608-S	OF7608-SW	3"	-	12
OF7609-S	OF7609-SW	3-1/2"	-	6
OF7610-S	OF7610-SW	4"	-	6



Compression Type



Rain-Tight

STEEL EMT COUPLINGS COMPRESSION TYPE & RAIN-TIGHT

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight
- ▶ Suitable for applications above 600V

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- ▶ Compression Cap color may vary



Cat. No. Compression	Cat. No. Rain-Tight	Trade Size	Std. Pkg.	Master Ctn.
OF7611	OF7611-W	1/2"	25	250
OF7612	OF7612-W	3/4"	25	250
OF7613	OF7613-W	1"	10	100
OF7614	OF7614-W	1-1/4"	10	100
OF7615	OF7615-W	1-1/2"	10	50
OF7616	OF7616-W	2"	5	50
OF7617	OF7617-W	2-1/2"	-	12
OF7618	OF7618-W	3"	-	12
OF7619	OF7619-W	3-1/2"	-	6
OF7620	OF7620-W	4"	-	6



Compression Type



Rain-Tight



ZINC DIE CAST EMT CONNECTORS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Concrete-Tight when taped
- ▶ Combo Head Set-Screw
- ▶ Suitable for applications above 600V

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF701	1/2"	100	1000
OF702	3/4"	50	500
OF703	1"	10	100
OF704	1-1/4"	10	100
OF705	1-1/2"	10	50
OF706	2"	5	50
OF707	2-1/2"	-	12
OF708	3"	-	12
OF709	3-1/2"	-	6
OF710	4"	-	6



1/2" to 1"



1-1/4" to 2"



2-1/2" to 4"

ZINC DIE CAST INSULATED EMT CONNECTORS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ With Insulated Throat
- ▶ Concrete-Tight when taped
- ▶ Combo Head Set-Screw
- ▶ Suitable for applications above 600V

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- ▶ Insulated color may vary

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF701-S	1/2"	50	500
OF702-S	3/4"	25	250
OF703-S	1"	10	100
OF704-S	1-1/4"	10	100
OF705-S	1-1/2"	10	50
OF706-S	2"	5	50
OF707-S	2-1/2"	-	12
OF708-S	3"	-	12
OF709-S	3-1/2"	-	6
OF710-S	4"	-	6



1/2" to 1"



1-1/4" to 2"



2-1/2" to 4"

ZINC DIE CAST EMT COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Concrete-Tight when taped
- ▶ Combo Head Set-Screw
- ▶ Suitable for applications above 600V

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF711	1/2"	50	500
OF712	3/4"	25	250
OF713	1"	10	100
OF714	1-1/4"	10	100
OF715	1-1/2"	10	50
OF716	2"	5	50
OF717	2-1/2"	-	12
OF718	3"	-	12
OF719	3-1/2"	-	6
OF720	4"	-	6



1/2" to 1"



1-1/4" to 2"



2-1/2" to 4"



ZINC DIE CAST EMT CONNECTORS COMPRESSION TYPE & RAIN-TIGHT

PRODUCT FEATURES

- ▶ Concrete-Tight
- ▶ Suitable for applications above 600V

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- ▶ Compression Cap color may vary



Cat. No. Compression	Cat. No. Rain-Tight	Trade Size	Std. Pkg.	Master Ctn.
OF601	OF601-W	1/2"	50	500
OF602	OF602-W	3/4"	25	250
OF603	OF603-W	1"	10	100
OF604	OF604-W	1-1/4"	10	100
OF605	OF605-W	1-1/2"	10	50
OF606	OF606-W	2"	5	50
OF607	OF607-W	2-1/2"	-	12
OF608	OF608-W	3"	-	12
OF609	OF609-W	3-1/2"	-	6
OF610	OF610-W	4"	-	6



Compression Type



Rain-Tight

ZINC DIE CAST INSULATED EMT CONNECTORS COMPRESSION TYPE & RAIN-TIGHT

PRODUCT FEATURES

- ▶ With Insulated Throat
- ▶ Concrete-Tight
- ▶ Suitable for applications above 600V

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- ▶ Insulated and Compression Cap color may vary



Cat. No. Compression	Cat. No. Rain-Tight	Trade Size	Std. Pkg.	Master Ctn.
OF601-S	OF601-SW	1/2"	50	500
OF602-S	OF602-SW	3/4"	25	250
OF603-S	OF603-SW	1"	10	100
OF604-S	OF604-SW	1-1/4"	10	100
OF605-S	OF605-SW	1-1/2"	10	50
OF606-S	OF606-SW	2"	5	50
OF607-S	OF607-SW	2-1/2"	-	12
OF608-S	OF608-SW	3"	-	12
OF609-S	OF609-SW	3-1/2"	-	6
OF610-S	OF610-SW	4"	-	6



Compression Type



Rain-Tight

ZINC DIE CAST EMT COUPLINGS COMPRESSION TYPE & RAIN-TIGHT

PRODUCT FEATURES

- ▶ Concrete-Tight
- ▶ Suitable for applications above 600V

NOTE

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits
- ▶ Compression Cap color may vary



Cat. No. Compression	Cat. No. Rain-Tight	Trade Size	Std. Pkg.	Master Ctn.
OF611	OF611-W	1/2"	50	500
OF612	OF612-W	3/4"	25	250
OF613	OF613-W	1"	10	100
OF614	OF614-W	1-1/4"	10	100
OF615	OF615-W	1-1/2"	10	50
OF616	OF616-W	2"	5	50
OF617	OF617-W	2-1/2"	-	12
OF618	OF618-W	3"	-	12
OF619	OF619-W	3-1/2"	-	6
OF620	OF620-W	4"	-	6



Compression Type



Rain-Tight

ZINC DIE CAST EMT OFFSET CONNECTORS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Concrete-Tight when taped
- ▶ Combo Head Set-Screw
- ▶ Suitable for applications above 600V



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OCS-50	1/2"	100	1000
OCS-75	3/4"	50	500

ZINC DIE CAST EMT OFFSET CONNECTORS COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Concrete-Tight
- ▶ Suitable for applications above 600V



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OCC-50	1/2"	100	1000
OCC-75	3/4"	50	500

ZINC DIE CAST EMT 90° ANGLE CONNECTOR COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Concrete-Tight



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CC90-50	1/2"	25	100

ZINC DIE CAST EMT INSIDE CORNER SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Combo Head Set-Screw
- ▶ Suitable for applications above 600V



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
ECS-50	1/2"	100	1000
ECS-75	3/4"	50	500

ZINC DIE CAST EMT TO FLEX COUPLINGS COMPRESSION/SCREW-IN TYPE



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF1611	1/2"	50	500
OF1612	3/4"	25	250
OF1613	1"	10	100



STEEL RIGID TO EMT COMBINATION COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Zinc Electroplated
- ▶ Concrete-Tight when taped

Cat. No.	Rigid Size	EMT Size	Std. Pkg.	Master Ctn.
SRECS-50	1/2"	1/2"	25	250
SRECS-75	3/4"	3/4"	10	100
SRECS-100	1"	1"	10	100



SRECS-50



SRECS-100

STEEL EMT TO LIQUID TIGHT COMBINATION COUPLINGS COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Zinc Electroplated
- ▶ Concrete-Tight
- ▶ Rain-Tight

Cat. No.	EMT Size	LT Size	Std. Pkg.	Master Ctn.
SELTC-50	1/2"	1/2"	25	250
SELTC-75	3/4"	3/4"	10	100
SELTC-100	1"	1"	10	100



SELTC-75



SELTC-100

ZINC DIE CAST EMT "FASTLOCK" CONNECTORS (NO LOCKNUT)

PRODUCT FEATURES

- ▶ Combo Head Set-Screw
- ▶ Suitable for dry location only

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF1701	1/2"	50	500
OF1702	3/4"	50	500





**ZINC DIE CAST
FLEX CONNECTORS
SCREW-IN TYPE**



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF671	3/8"	100	1000
OF672	1/2"	100	1000
OF673	3/4"	100	500
OF674	1"	25	250
OF675	1-1/4"	10	100
OF681	1-1/2"	5	50
OF682	2"	3	30

**ZINC DIE CAST
INSULATED FLEX
CONNECTORS
SCREW-IN TYPE**



PRODUCT FEATURES

- With Insulated Throat

NOTE

- Insulated color may vary

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF671-S	3/8"	100	1000
OF672-S	1/2"	100	1000
OF673-S	3/4"	100	500
OF674-S	1"	25	250
OF675-S	1-1/4"	10	100
OF681-S	1-1/2"	5	50
OF682-S	2"	3	30

**ZINC DIE CAST
FLEX COUPLINGS
SCREW-IN TYPE**



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF676	1/2"	100	1000
OF677	3/4"	100	500
OF678	1"	25	250
OF679	1-1/4"	10	100
OF685	1-1/2"	5	50
OF686	2"	3	30

STEEL FLEX BUSHINGS

PRODUCT FEATURES

- Electroplated Zinc
- Used to insulate Cut Flex when the conduit is used for data cables without a junction box



Shown Installed

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
FB-50	1/2"	100	1000
FB-75	3/4"	100	500
FB-100	1"	25	250



ZINC DIE CAST FLEX CONNECTORS SQUEEZE TYPE

NOTE

- Sizes 3/8" & 1/2" are also for AC (BX)

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF730	3/8"	50	500
OF731	1/2"	25	250
OF732	3/4"	25	250
OF733	1"	10	100
OF734	1-1/4"	10	100
OF735	1-1/2"	5	50
OF736	2"	4	40
OF737	2-1/2"	2	6
OF738	3"	1	2
OF739	3-1/2"	1	2
OF740	4"	1	2



3/8" to 2"



2-1/2" to 4"

ZINC DIE CAST INSULATED FLEX CONNECTORS SQUEEZE TYPE

PRODUCT FEATURES

- With Insulated Throat

NOTE

- Sizes 3/8" & 1/2" are also for AC(BX)
- Insulated color may vary

Cat. No. Compression	Trade Size	Std. Pkg.	Master Ctn.
OF730-S	3/8"	50	500
OF731-S	1/2"	25	250
OF732-S	3/4"	25	250
OF733-S	1"	10	100
OF734-S	1-1/4"	10	100
OF735-S	1-1/2"	5	50
OF736-S	2"	4	40
OF737-S	2-1/2"	2	6
OF738-S	3"	1	2
OF739-S	3-1/2"	1	2
OF740-S	4"	1	2



3/8" to 2"



2-1/2" to 4"

ZINC DIE CAST FLEX CONNECTORS SET-SCREW TYPE

PRODUCT FEATURES

- Steel screw
- For Steel FLEX only

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF654	1/2"	100	500
OF655	3/4"	75	375





ZINC DIE CAST FLEX CONNECTOR CLAMP TYPE

PRODUCT FEATURES

- ▶ Combo Head Set-Screw



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF657	1/2"	25	50

ZINC DIE CAST 90° ANGLE AC (BX) MC/FLEX CONNECTORS SQUEEZE TYPE



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF643	3/8"	25	250
OF644	1/2"	25	250
OF645	3/4"	25	250

ZINC DIE CAST 90° ANGLE FLEX CONNECTORS SQUEEZE TYPE



1" to 2"



2-1/2" to 4"

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF6463	1"	5	25
OF6464	1-1/4"	-	5
OF6465	1-1/2"	-	5
OF6466	2"	-	5
OF6467	2-1/2"	-	5
OF6468	3"	-	5
OF6469	3-1/2"	-	1
OF6470	4"	-	1

ZINC DIE CAST 90° ANGLE FLEX CONNECTORS SCREW-IN TYPE

PRODUCT FEATURES

- ▶ Sliding cover for easy wire pulls



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF9673	3/4"	15	150
OF9674	1"	10	100

ZINC DIE CAST EMT TO FLEX COUPLINGS COMPRESSION/SCREW-IN TYPE



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF1611	1/2"	50	500
OF1612	3/4"	25	250
OF1613	1"	10	100



ZINC DIE CAST
EMT TO FLEX COUPLINGS
SET-SCREW/SQUEEZE TYPE



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF530	1/2" to 3/8"	50	500
OF531	1/2" to 1/2"	25	250
OF532	3/4" to 3/4"	25	100
OF533	1" to 1"	10	40

ZINC DIE CAST
EMT TO FLEX COUPLINGS
SET-SCREW/CLAMP TYPE



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF520	1/2" to 3/8"	50	500
OF521	1/2" to 1/2"	25	250
OF522	3/4" to 3/4"	25	250
OF523	1" to 1"	10	40

ZINC DIE CAST
RIGID TO FLEX COUPLING
CLAMP TYPE

PRODUCT FEATURES

- For Steel FLEX Only



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF697	1/2"	25	250

ZINC DIE CAST
RIGID TO FLEX COUPLINGS
SET-SCREW TYPE

PRODUCT FEATURES

- For Steel FLEX Only



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF694	1/2"	25	250
OF695	3/4"	25	250

PVC NON-METALLIC (NM) CABLE CONNECTORS

PRODUCT FEATURES

- ▶ Heavey-Duty PVC

Cat. No.	For Use With	Trade Size	Std. Pkg.	Master Ctn.
NM-50	One or Two 14/2, 14/3, 12/2 One 12/3, 10/2, 10/3 One or Two 0.300" or 0.600" cords	1/2"	50	500
NM-75	One 8/3, 6/2, 6/3 Two 14/3, 12/2, 12/3, 10/2 Single or Multiple flexible cord in wire range 0.500" to 0.850"	3/4"	50	500



NON-METALLIC CABLE CONNECTOR PUSH-IN TYPE

PRODUCT FEATURES

- ▶ Flame-Retardant Polypropylene
- ▶ Special gripping arrangement for easy cable insertion

Cat. No.	For Use With	Trade Size	Std. Pkg.	Master Ctn.
NMP-50	One 10, 12, 14 AWG two-conductor cables with or without ground wire	1/2"	100	300



ZINC DIE CAST NON-METALLIC CABLE CONNECTORS

NOTE

- ▶ Sizes 1" to 2" are also suitable for service entrance

Cat. No.	For Use With	Trade Size	Std. Pkg.	Master Ctn.
RX-50	(1) 14/2 to 10/2 NM, (2) 14/2 or (2) 12/2 NM, 0.340" to 0.380" Dia. Flex Cord (Dry Location) 14/3, 16/2, and 16/3 SJO	1/2"	100	1000
RX-75	(2) 14-2 NM, AWG, 0.340" to 0.515" Dia. Flex Cord (Dry Location) 14/3, 14/2 SJO	3/4"	25	250
For Service Entrance				
RX-100	(4) 14/2, (1) 8/3, 8/2, 6/2, 6/3, 4/2, 4/3 NM (1) 2 SE Cable	1"	10	100
RX-125	4/3 or 2/3 NM	1-1/4"	5	50
RX-150	3-2/0 or 3-4/0 NM	1-1/2"	5	50
RX-200	3-2/0 or 3-4/0 NM	2"	5	50





ZINC DIE CAST METAL CLAD (MC) CONNECTORS SADDLE-TYPE

PRODUCT FEATURES

- ▶ Combo Head Set-Screw
- ▶ With Insulated Throat
- ▶ Suitable for Dry Location Only

NOTE

- ▶ Insulated color may vary

Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
OF6231	Steel AC: 14/2 (0.457") - 12/4 (0.539") Aluminum AC: 14/2 (0.464") - 10/4 (0.622") Steel MCI-A: 14/2 (0.453") - 10/4 (0.614") Aluminum MCI-A: 14/2 (0.433") - 10/3 (0.630") NM Cable: 12/3, 14/2 & 8/2 with ground. 12/2 without ground Steel/AL FMC/RWFMC: 3/8"	1/2"	100	500
OF6232	Interlocking Steel 0.661 to 0.711 Dia. Interlocking AL 0.775 to 0.825 Dia. AC, AL, & Steel 0.650 to 0.810 Dia. & Flex, 1/2" Steel	3/4"	50	250



Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
OF653	Steel AC: 14/2 (0.453") - 10/4 (0.622") Aluminum AC: 14/2 (0.464") - 14/4 (0.535") Steel MCI-A: 14/2 (0.453") - 10/2 (0.581") Aluminum MCI-A: 14/2 (0.437") - 10/2 (0.535") Steel/AL FMC/RWFMC: 3/8"	1/2"	100	500



ZINC DIE CAST METAL CLAD (MC) & AC (BX) CONNECTOR

PRODUCT FEATURES

- ▶ For AC, MCI-A, NM Cable, FMC/RWFMC

Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
OF6620	Steel AC: 14/2 (0.457") - 12/4 (0.539") Aluminum AC: 14/2 (0.464") - 14/4 (0.534") Steel MCI-A: 14/2 (0.453") - 10/2 (0.531") Aluminum MCI-A: 14/2 (0.433") - 14/4 (0.539") NM Cable: 12/3, 14/2 with ground & 12/2 without ground Steel/AL FMC/RWFMC: 3/8"	1/2"	100	500



ZINC DIE CAST METAL CLAD (MC) CONNECTORS CLAMP TYPE

PRODUCT FEATURES

- ▶ With Insulated Throat
- ▶ Suitable for Dry Location Only

NOTE

- ▶ Insulated color may vary

Cat. No.	Cable Size Dia.	Trade Size	Std. Pkg.	Master Ctn.
MC-CL-100	0.83" - 1.04"	1"	10	100
MC-CL-150	1.36" - 1.60"	1-1/2"	10	100
MC-CL-250	1.99" - 2.34"	2-1/2"	-	10
MC-CL-300	2.30" - 2.68"	3"	-	5
MC-CL-350	2.85" - 3.42"	3-1/2"	-	5



ZINC DIE CAST COMBINATION AC (BX) & NON-METALLIC (NM) CONNECTOR

ZINC DIE CAST DUPLEX AC (BX) FLEX/MC CONNECTOR

PRODUCT FEATURES

- For AC, MCI-A, NM Cable, FMC/RWFC

ZINC DIE CAST 90° ANGLE AC (BX) MC/FLEX CONNECTORS SQUEEZE TYPE

ZINC DIE CAST INSULATED DOUBLE-SNAP CABLE CONNECTOR

PRODUCT FEATURES

- 105°C rated throat insulator
- Fast and Tool-free installation
- Removable and Reusable
- For AC, MCI, MCI-A, HCF, RWFC
- Dry location

ZINC DIE CAST INSULATED CUT-IN DOUBLE-SNAP CABLE CONNECTOR

PRODUCT FEATURES

- 105°C rated throat insulator
- Fast and Tool-free installation
- Removable and Reusable
- For FMC, AC, MCI, MCI-A, HCF
- Dry location

Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
OF623	14/2 AC(BX), 14/2 NM, 0.340 to 0.380 dia cord 14/3 & 16/3 SJO, 16/2 SO	1/2"	25	250



Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
MC-DX-50	Steel AC: 14/2 (0.457") - 12/4 (0.539") Aluminum AC: 14/2 (0.464") - 10/4 (0.622") Steel MCI-A: 14/2 (0.453") - 10/4 (0.614") Aluminum MCI-A: 14/2 (0.433") - 10/3 (0.630") NM Cable: 12/3, 14/2 with ground & 12/2 without ground Steel/AL FMC/RWFC: 3/8"	1/2"	25	250



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF643	3/8"	25	250
OF644	1/2"	25	250
OF645	3/4"	25	250



Cat. No.	Description	Trade Size	KO Size	Std. Pkg.	Master Ctn.
DSC-38	DOUBLE-SNAP CABLE CONNECTOR WITH INSULATOR Steel/AL AC: 14/2 (0.40") - 10/3 (0.618") Steel MCI: 0.395" - 0.638" AL MCI: 0.40" - 0.618" Steel/AL MCI-A: 14/2 (0.395") - 10/3 (0.638") Steel/AL HCF MCI-A: 14/2 (0.395") - 10/3 (0.638") AL RWFC: 3/8"	3/8"	1/2"	50	500



Cat. No.	Description	Trade Size	KO Size	Std. Pkg.	Master Ctn.
DSC-38C	CUT-IN DOUBLE-SNAP CABLE CONNECTOR WITH INSULATOR, FOR OLD WORK Steel/AL AC: 14/2 (0.40") - 10/3 (0.618") Steel/AL MCI: 14/2 (0.395") - 10/3 (0.638") Steel/AL MCI-A: 14/2 (0.395") - 10/3 (0.638") Steel/AL HCF MCI-A: 14/2 (0.395") - 10/3 (0.638") Steel/AL FMC: 3/8"	3/8"	1/2"	50	500




STEEL
"FASTLOCK" CONNECTOR
PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Saddle-Base Connector
- ▶ Combo Head Set-Screw
- ▶ For AC, MCI, HCF AC, MCI-A, HCF MCI-A, FMC/RWFMC

NOTE

- ▶ Insulated color may vary

Cat. No.	Description	K.O. Size	Std. Pkg.	Master Ctn.
FLC-50	Steel AC 14/2 (0.475") - 10/3 (0.565") AL AC 14/2 (0.464") - 10/3 (0.610") Steel MCI: 14/2 (0.455") - 10/3 (0.565") AL MCI: 14/2 (0.455") - 10/3 (0.600") Steel HCF AC: 14/2 (0.475") - 10/3 (0.565") AL HCF AC: 14/2 (0.464") - 10/3 (0.610") AL MCI-A: 14/2 (0.385") - 10/3 (0.510") HCF MCI-A: 14/2 (0.385") - 10/3 (0.510") Steel/AL FMC/RWFMC: 3/8"	1/2"	50	500



Cat. No.	Description	K.O. Size	Std. Pkg.	Master Ctn.
FLC-50L	Steel AC 10/4 (0.605") - 6/3 (0.853") AL AC 10/3 (0.610") - 6/3 (0.823") Steel MCI: 10/3 (0.580") - 8/3 (0.690") AL MCI: 10/3 (0.520") - 8/3 (0.690") Steel HCF AC: 10/4 (0.605") - 6/3 (0.853") AL HCF AC: 10/3 (0.610") - 6/3 (0.823") AL MCI-A: 8/3 (0.675") HCF MCI-A: 8/3 (0.675") Steel/AL FMC/RWFMC: 1/2"	1/2"	50	500

FLC-75L	Steel AC 10/3 (0.545") - 6/3 (0.850") AL AC 10/3 (0.600") - 6/3 (0.835") Steel MCI: 10/3 (0.550") - 6/3 (0.850") AL MCI: 10/3 (0.580") - 6/3 (0.850") Steel HCF AC: 10/3 (0.545") - 6/3 (0.850") AL HCF AC: 10/3 (0.600") - 6/3 (0.835") AL MCI-A: 8/3 (0.675") - 6/3 (0.785") HCF MCI-A: 8/3 (0.675") - 6/3 (0.785") Steel/AL FMC/RWFMC: 1/2"	3/4"	25	250
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STEEL "FASTLOCK"
DUPLEX CONNECTOR
PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Combo Head Set-Screw
- ▶ For AC, MCI, HCF AC, MCI-A, HCF MCI-A, FMC/RWFMC

NOTE

- ▶ Insulated color may vary

Cat. No.	Description	K.O. Size	Std. Pkg.	Master Ctn.
FLD-50	Steel AC 14/2 (0.475") - 10/3 (0.565") AL AC 14/2 (0.464") - 12/4 (0.600") Steel MCI: 14/2 (0.455") - 12/4 (0.545") AL MCI: 14/2 (0.455") - 12/4 (0.550") Steel HCF AC: 14/2 (0.475") - 10/3 (0.565") AL HCF AC: 14/2 (0.464") - 12/4 (0.600") AL MCI-A: 14/2 (0.385") - 10/3 (0.520") HCF MCI-A: 14/2 (0.385") - 10/3 (0.520") Steel/AL FMC/RWFMC: 3/8"	1/2"	25	250


ANTI-SHORT BUSHINGS
THERMOPLASTIC
PRODUCT FEATURES

- ▶ High-Temperature Plastic
- ▶ Fits BX (AC) and Flex Conduits

Cat. No.	For Use With	Trade Size	Std. Pkg.	Master Ctn.
ASB-516	14/2, 14/3, 12/2	5/16"	35	3500
ASB-38	14/4, 12/3, 6/1, 4/1	3/8"	35	2100
ASB-716	12/4, 10/2, 10/3, 2/1	7/16"	35	700
ASB-50	10/4, 8/2, 8/3, 1/1	1/2"	20	400
ASB-75	8/4, 6/2, 4/2, 4/3, 6/4	3/4"	16	320



ZINC DIE CAST STRAIN RELIEF CORD-GRIP CONNECTORS

PRODUCT FEATURES

- ▶ Watertight

Cat. No.	Trade Size	Clamping Range	Std. Pkg.	Master Ctn.
CG-50-190/260	1/2"	0.190" - 0.260"	25	100
CG-50-260/375	1/2"	0.260" - 0.375"	25	100
CG-50-375/500	1/2"	0.375" - 0.500"	25	100
CG-75-375/500	3/4"	0.375" - 0.500"	10	50
CG-75-500/625	3/4"	0.500" - 0.625"	10	50
CG-75-625/750	3/4"	0.625" - 0.750"	10	50
CG-100-375/500	1"	0.375" - 0.500"	10	50
CG-100-500/625	1"	0.500" - 0.625"	10	50
CG-100-625/750	1"	0.625" - 0.750"	10	50
CG-100-750/880	1"	0.750" - 0.880"	10	50
CG-100-880/985	1"	0.880" - 0.985"	10	50



STEEL STRAIN RELIEF CORD-GRIP CONNECTORS

PRODUCT FEATURES

- ▶ Zinc Electroplated
- ▶ Watertight
- ▶ Connect S, SO, ST, SJ, SJO, SJT Cord to metal box or enclosure
- ▶ Color-coded bushings identify different cord ranges

Cat. No.	Trade Size	Color	Clamping Range	Std. Pkg.	Master Ctn.
SCG-50-125/250	1/2"	Red	0.125" - 0.250"	25	100
SCG-50-250/350	1/2"	White	0.250" - 0.350"	20	100
SCG-50-350/450	1/2"	Blue	0.350" - 0.450"	20	100
SCG-50-450/560	1/2"	Green	0.450" - 0.560"	20	100
SCG-50-560/650	1/2"	Beige	0.560" - 0.650"	20	100
SCG-75-125/250	3/4"	Red	0.125" - 0.250"	10	50
SCG-75-250/350	3/4"	White	0.250" - 0.350"	10	50
SCG-75-350/450	3/4"	Blue	0.350" - 0.450"	10	50
SCG-75-450/560	3/4"	Green	0.450" - 0.560"	10	50
SCG-75-560/650	3/4"	Beige	0.560" - 0.650"	10	50
SCG-75-650/750	3/4"	Yellow	0.650" - 0.750"	10	50
SCG-75-750/850	3/4"	Purple	0.750" - 0.850"	10	50
SCG-100-450/560	1"	Green	0.450" - 0.560"	5	25
SCG-100-560/650	1"	Beige	0.560" - 0.650"	5	25
SCG-100-650/750	1"	Yellow	0.650" - 0.750"	5	25
SCG-100-750/850	1"	Purple	0.750" - 0.850"	5	25
SCG-100-850/950	1"	Gray	0.850" - 0.950"	5	25
SCG-100-950/1050	1"	Black	0.950" - 1.050"	5	25



NYLON STRAIN RELIEF CORD-GRIP CONNECTORS

PRODUCT FEATURES

- ▶ Watertight

NOTE

- ▶ Lock Nut not included



Cat. No.	Trade Size	Clamping Range	Std. Pkg.	Master Ctn.
NGC-38-197/394	3/8"	0.197" - 0.394"	25	100
NGC-50-384/551	1/2"	0.394" - 0.551"	25	100
NGC-75-551/709	3/4"	0.551" - 0.709"	10	50
NGC100-709/984	1"	0.709" - 0.984"	10	50



ZINC DIE CAST WATERTIGHT SERVICE ENTRANCE CABLE CONNECTORS

PRODUCT FEATURES

- ▶ Watertight

Cat. No.	Trade Size	Wire Size	Grommet Opening	Std. Pkg.	Master Ctn.
WECC-100-8	1"	#8	0.40" - 0.68"	10	100
WECC-100-6	1"	#6	0.44" - 0.70"	10	100
WECC-100-4	1"	#4	0.52" - 0.84"	10	100
WECC-125-3	1-1/4"	#3	0.56" - 0.92"	10	50
WECC-125-2	1-1/4"	#2	0.60" - 1.00"	10	50
WECC-125-1	1-1/4"	#1	0.65" - 1.09"	10	50
WECC-150-10	1-1/2"	#1/0	0.72" - 1.24"	5	50
WECC-150-20	1-1/2"	#2/0	0.86" - 1.34"	5	50
WECC-150-30	1-1/2"	#3/0	0.87" - 1.37"	5	50
WECC-200-10	2"	#1/0	0.72" - 1.24"	5	25
WECC-200-20	2"	#2/0	0.86" - 1.34"	5	25
WECC-200-30	2"	#3/0	0.87" - 1.34"	5	25
WECC-200-40	2"	#4/0	0.90" - 1.50"	5	25
WECC-200-40N	2"	#4/0	1.11" - 1.73"	5	25



STEEL LIQUID TIGHT SEALING RINGS

PRODUCT FEATURES

- ▶ Neoprene Rubber Gasket
- ▶ Steel Retainer
- ▶ Form Liquid tight seal between connector and box

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LTSR-50	1/2"	250	2500
LTSR-75	3/4"	200	2000
LTSR-100	1"	150	1500
LTSR-125	1-1/4"	100	1000
LTSR-150	1-1/2"	50	500
LTSR-200	2"	50	500
LTSR-250	2-1/2"	-	100
LTSR-300	3"	-	100
LTSR-350	3-1/2"	-	50
LTSR-400	4"	-	50



NON-METALLIC (PVC) STRAIGHT LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ PVC Type-B
- ▶ Corrosion-Resistant
- ▶ Zinc Locknut



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
NMLT-38	3/8"	25	100
NMLT-50	1/2"	25	250
NMLT-75	3/4"	15	150
NMLT-100	1"	8	80
NMLT-125	1-1/4"	5	50
NMLT-150	1-1/2"	4	40
NMLT-200	2"	1	36



NON-METALLIC (PVC) 90° ANGLE LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ PVC Type-B
- ▶ Corrosion-Resistant
- ▶ Zinc Locknut



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
NMLT90-38	3/8"	10	100
NMLT90-50	1/2"	15	150
NMLT90-75	3/4"	10	100
NMLT90-100	1"	5	50
NMLT90-125	1-1/4"	4	40
NMLT90-150	1-1/2"	2	20
NMLT90-200	2"	1	10



STEEL EMT TO LIQUID TIGHT COMBINATION COUPLINGS COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Zinc Electroplated
- ▶ Concrete-Tight
- ▶ Rain-Tight

Cat. No.	EMT Size	LT Size	Std. Pkg.	Master Ctn.
SELTC-50	1/2"	1/2"	25	250
SELTC-75	3/4"	3/4"	10	100
SELTC-100	1"	1"	10	100



SELTC-75

SELTC-100

ZINC DIE CAST INSULATED STRAIGHT LIQUID TIGHT CONNECTORS

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LT-38	3/8"	25	250
LT-50	1/2"	25	250
LT-75	3/4"	15	150
LT-100	1"	8	80
LT-125	1-1/4"	5	50
LT-150	1-1/2"	4	40
LT-200	2"	1	10
LT-250	2-1/2"	1	10
LT-300	3"	1	10
LT-350	3-1/2"	1	6
LT-400	4"	1	6

ZINC DIE CAST INSULATED STRAIGHT LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ With Insulated Throat

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LTI-38	3/8"	25	250
LTI-50	1/2"	25	250
LTI-75	3/4"	15	150
LTI-100	1"	8	80
LTI-125	1-1/4"	5	50
LTI-150	1-1/2"	4	40
LTI-200	2"	1	36
LTI-250	2-1/2"	1	10
LTI-300	3"	1	10
LTI-350	3-1/2"	1	6
LTI-400	4"	1	6

MALLEABLE IRON STRAIGHT LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MLT-38	3/8"	25	250
MLT-50	1/2"	25	250
MLT-75	3/4"	15	150
MLT-100	1"	8	80
MLT-125	1-1/4"	5	50
MLT-150	1-1/2"	4	40
MLT-200	2"	1	20
MLT-250	2-1/2"	-	1
MLT-300	3"	-	1
MLT-350	3-1/2"	-	1
MLT-400	4"	-	1

MALLEABLE IRON INSULATED STRAIGHT LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ With Insulated Throat

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MLTI-38	3/8"	25	250
MLTI-50	1/2"	25	250
MLTI-75	3/4"	15	150
MLTI-100	1"	8	80
MLTI-125	1-1/4"	5	50
MLTI-150	1-1/2"	4	40
MLTI-200	2"	1	20
MLTI-250	2-1/2"	-	1
MLTI-300	3"	-	1
MLTI-350	3-1/2"	-	1
MLTI-400	4"	-	1

MALLEABLE IRON INSULATED STRAIGHT LIQUID TIGHT CONNECTORS WITH ALUMINUM LAY-IN LUG

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ 105°C rated insulated throat
- ▶ Sealing washer included
- ▶ Aluminum lay-in lug provides easy installation of a ground wire

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
MLTILL-38	3/8"	#14 - #4	25	250
MLTILL-50	1/2"	#14 - #4	25	250
MLTILL-75	3/4"	#14 - #4	10	100
MLTILL-100	1"	#14 - #4	5	50
MLTILL-125	1-1/4"	#14 - #4	5	50
MLTILL-150	1-1/2"	#14 - #4	4	40
MLTILL-200	2"	#14 - #4	2	20
MLTILL-250	2-1/2"	#14 - #1/0	1	10
MLTILL-300	3"	#14 - #1/0	1	10
MLTILL-350	3-1/2"	#6 - #250MCM	-	1
MLTILL-400	4"	#6 - #250MCM	-	1



MLTILL-75



MLTILL-125

MALLEABLE IRON 45° ANGLE LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MLT45-38	3/8"	25	150
MLT45-50	1/2"	25	150
MLT45-75	3/4"	10	100
MLT45-100	1"	5	50
MLT45-125	1-1/4"	5	40
MLT45-150	1-1/2"	4	20
MLT45-200	2"	1	15
MLT45-250	2-1/2"	-	1
MLT45-300	3"	-	1
MLT45-350	3-1/2"	-	1
MLT45-400	4"	-	1



MALLEABLE IRON INSULATED 45° ANGLE LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ With Insulated Throat

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MLTI45-38	3/8"	25	150
MLTI45-50	1/2"	25	150
MLTI45-75	3/4"	10	100
MLTI45-100	1"	5	50
MLTI45-125	1-1/4"	5	40
MLTI45-150	1-1/2"	4	20
MLTI45-200	2"	1	15
MLTI45-250	2-1/2"	-	1
MLTI45-300	3"	-	1
MLTI45-350	3-1/2"	-	1
MLTI45-400	4"	-	1



MALLEABLE IRON INSULATED 45° ANGLE LIQUID TIGHT CONNECTORS WITH ALUMINUM LAY-IN LUG

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ 105°C rated insulated throat
- ▶ Sealing washer included
- ▶ Aluminum lay-in lug provides easy installation of a ground wire

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
MLTI45LL-38	3/8"	#14 - #4	10	100
MLTI45LL-50	1/2"	#14 - #4	10	100
MLTI45LL-75	3/4"	#14 - #4	10	100
MLTI45LL-100	1"	#14 - #4	5	50
MLTI45LL-125	1-1/4"	#14 - #4	-	5
MLTI45LL-150	1-1/2"	#14 - #4	-	5
MLTI45LL-200	2"	#14 - #4	-	5
MLTI45LL-250	2-1/2"	#14 - #1/0	-	1
MLTI45LL-300	3"	#14 - #1/0	-	1
MLTI45LL-350	3-1/2"	#6 - #250MCM	-	1
MLTI45LL-400	4"	#6 - #250MCM	-	1



MLTI45LL-75



MLTI45LL-125

ZINC DIE CAST 90° ANGLE LIQUID TIGHT CONNECTORS

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LT90-38	3/8"	15	150
LT90-50	1/2"	15	150
LT90-75	3/4"	10	100
LT90-100	1"	5	50
LT90-125	1-1/4"	4	40
LT90-150	1-1/2"	2	20
LT90-200	2"	1	10
LT90-250	2-1/2"	1	10
LT90-300	3"	1	4
LT90-400	4"	1	3



ZINC DIE CAST INSULATED 90° ANGLE LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ With Insulated Throat

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LTI90-38	3/8"	15	150
LTI90-50	1/2"	15	150
LTI90-75	3/4"	10	100
LTI90-100	1"	5	50
LTI90-125	1-1/4"	4	40
LTI90-150	1-1/2"	2	20
LTI90-200	2"	1	10
LTI90-250	2-1/2"	1	10
LTI90-300	3"	1	4
LTI90-350	3-1/2"	1	3
LTI90-400	4"	1	3



MALLEABLE IRON 90° ANGLE LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MLT90-38	3/8"	25	150
MLT90-50	1/2"	25	150
MLT90-75	3/4"	10	100
MLT90-100	1"	5	50
MLT90-125	1-1/4"	5	40
MLT90-150	1-1/2"	4	20
MLT90-200	2"	1	15
MLT90-250	2-1/2"	-	1
MLT90-300	3"	-	1
MLT90-350	3-1/2"	-	1
MLT90-400	4"	-	1



MALLEABLE IRON INSULATED 90° ANGLE LIQUID TIGHT CONNECTORS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ With Insulated Throat

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MLTI90-38	3/8"	25	150
MLTI90-50	1/2"	25	150
MLTI90-75	3/4"	10	100
MLTI90-100	1"	5	50
MLTI90-125	1-1/4"	5	40
MLTI90-150	1-1/2"	4	20
MLTI90-200	2"	1	15
MLTI90-250	2-1/2"	-	1
MLTI90-300	3"	-	1
MLTI90-350	3-1/2"	-	1
MLTI90-400	4"	-	1



MALLEABLE IRON INSULATED 90° ANGLE LIQUID TIGHT CONNECTORS WITH ALUMINUM LAY-IN LUG

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ 105°C rated insulated throat
- ▶ Sealing washer included
- ▶ Aluminum lay-in lug provides easy installation of a ground wire

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
MLTI90LL-38	3/8"	#14 - #4	10	100
MLTI90LL-50	1/2"	#14 - #4	10	100
MLTI90LL-75	3/4"	#14 - #4	10	100
MLTI90LL-100	1"	#14 - #4	5	50
MLTI90LL-125	1-1/4"	#14 - #4	-	5
MLTI90LL-150	1-1/2"	#14 - #4	-	5
MLTI90LL-200	2"	#14 - #4	-	5
MLTI90LL-250	2-1/2"	#14 - #1/0	-	1
MLTI90LL-300	3"	#14 - #1/0	-	1
MLTI90LL-350	3-1/2"	#6 - #250MCM	-	1
MLTI90LL-400	4"	#6 - #250MCM	-	1



MLTI90LL-75



MLTI90LL-125



STEEL RIGID CONNECTORS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTE

- ▶ For use in dry location

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
RS-50	1/2"	25	250
RS-75	3/4"	25	250
RS-100	1"	10	100
RS-125	1-1/4"	1	25
RS-150	1-1/2"	1	25
RS-200	2"	1	10



STEEL RIGID COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For use in dry location

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
RSC-50	1/2"	25	250
RSC-75	3/4"	25	250
RSC-100	1"	10	100
RSC-125	1-1/4"	1	25
RSC-150	1-1/2"	1	25
RSC-200	2"	1	10



STEEL RIGID TO EMT COMBINATION COUPLINGS SET-SCREW TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight when taped

Cat. No.	Rigid Size	EMT Size	Std. Pkg.	Master Ctn.
SRECS-50	1/2"	1/2"	25	250
SRECS-75	3/4"	3/4"	10	100
SRECS-100	1"	1"	10	100



STEEL THREADLESS RIGID CONNECTORS COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
RT-50	1/2"	25	250
RT-75	3/4"	25	250
RT-100	1"	10	100
RT-125	1-1/4"	1	25
RT-150	1-1/2"	1	25
RT-200	2"	1	10





MALLEABLE IRON THREADLESS RIGID CONNECTORS COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MRT-50	1/2"	25	100
MRT-75	3/4"	25	100
MRT-100	1"	5	25
MRT-125	1-1/4"	-	25
MRT-150	1-1/2"	-	25
MRT-200	2"	-	10
MRT-250	2-1/2"	-	10
MRT-300	3"	-	10
MRT-350	3-1/2"	-	6
MRT-400	4"	-	6



STEEL THREADLESS RIGID COUPLINGS COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
RTC-50	1/2"	25	250
RTC-75	3/4"	25	250
RTC-100	1"	10	100
RTC-125	1-1/4"	1	25
RTC-150	1-1/2"	1	25
RTC-200	2"	1	10



MALLEABLE IRON THREADLESS RIGID COUPLINGS COMPRESSION TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Concrete-Tight



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MRTC-50	1/2"	10	100
MRTC-75	3/4"	10	100
MRTC-100	1"	5	50
MRTC-125	1-1/4"	5	50
MRTC-150	1-1/2"	-	12
MRTC-200	2"	-	5
MRTC-250	2-1/2"	-	5
MRTC-300	3"	-	3
MRTC-350	3-1/2"	-	2
MRTC-400	4"	-	2



MRTC-75



MRTC-125



MALLEABLE IRON THREE-PIECE RIGID CONDUIT COUPLINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MR3C-50	1/2"	10	100
MR3C-75	3/4"	10	100
MR3C-100	1"	5	50
MR3C-125	1-1/4"	5	50
MR3C-150	1-1/2"	3	30
MR3C-200	2"	-	5
MR3C-250	2-1/2"	-	5
MR3C-300	3"	-	5
MR3C-350	3-1/2"	-	4
MR3C-400	4"	-	4
MR3C-500	5"	-	1
MR3C-600	6"	-	1



MR3C-75



MR3C-125

MR3C-150
exploded view

MALLEABLE IRON SPLIT RIGID COUPLINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ High Density Foam Gasket
- ▶ Easy and fast installation



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MSRC-200	2"	5	25
MSRC-250	2-1/2"	2	10
MSRC-300	3"	2	10
MSRC-350	3-1/2"	1	5
MSRC-400	4"	1	5

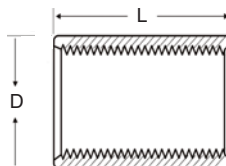


CAST STEEL RIGID THREADED COUPLINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Trade Size	DIMENSIONS		Std. Pkg.
		D	L	
RC-50	1/2"	1.012"	1.626"	100
RC-75	3/4"	1.252"	1.642"	50
RC-100	1"	1.524"	1.969"	30
RC-125	1-1/4"	1.87"	2.031"	20
RC-150	1-1/2"	2.154"	2.063"	20
RC-200	2"	2.65"	2.126"	20
RC-250	2-1/2"	3.252"	3.189"	24
RC-300	3"	3.87"	3.307"	16
RC-350	3-1/2"	4.5"	3.406"	12
RC-400	4"	4.874"	3.516"	10
RC-500	5"	6.0"	3.953"	1
RC-600	6"	7.2"	4.252"	1





MALLEABLE IRON 90° ANGLE THREADED SHORT ELBOWS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MSE90-50	1/2"	50	200
MSE90-75	3/4"	25	100
MSE90-100	1"	25	100

MALLEABLE IRON RIGID FLOOR FLANGES



Cat. No.	Trade Size	Std. Pkg.
FR-50	1/2"	50
FR-75	3/4"	50
FR-100	1"	50
FR-125	1-1/4"	25
FR-150	1-1/2"	25
FR-200	2"	25

MALLEABLE IRON CONCRETE SLAB INSERTS STRAIGHT



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MCSI-50	1/2"	10	100
MCSI-75	3/4"	10	100
MCSI-100	1"	10	50

MALLEABLE IRON CONCRETE SLAB INSERTS 90° ANGLE



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MCSI90-50	1/2"	10	100
MCSI90-75	3/4"	10	100
MCSI90-100	1"	10	50

STEEL CONDUIT LOCKING CONNECTORS

PRODUCT FEATURES

- ▶ With Seismic Wire Holes
- ▶ Locknut Included



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CLCSL-50	1/2"	10	100
CLCSL-75	3/4"	10	100



ZINC DIE CAST
EMT TO FLEX COUPLINGS
COMPRESSION/SCREW-IN TYPE



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF1611	1/2"	50	500
OF1612	3/4"	25	250
OF1613	1"	10	100

ZINC DIE CAST
EMT TO FLEX COUPLINGS
SET-SCREW/SQUEEZE TYPE



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF530	1/2" to 3/8"	50	500
OF531	1/2" to 1/2"	25	250
OF532	3/4" to 3/4"	25	100
OF533	1" to 1"	10	40

ZINC DIE CAST
EMT TO FLEX COUPLINGS
SET-SCREW/CLAMP TYPE



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF520	1/2" to 3/8"	50	500
OF521	1/2" to 1/2"	25	250
OF522	3/4" to 3/4"	25	250
OF523	1" to 1"	10	40

ZINC DIE CAST
RIGID TO FLEX COUPLINGS
SET-SCREW TYPE



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF694	1/2"	25	250
OF695	3/4"	25	250

PRODUCT FEATURES

- For Steel FLEX Only

ZINC DIE CAST
RIGID TO FLEX COUPLING
CLAMP TYPE



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF697	1/2"	25	250

PRODUCT FEATURES

- For Steel FLEX Only

STEEL RIGID TO EMT
COMBINATION COUPLINGS
SET-SCREW TYPE



Cat. No.	Rigid Size	EMT Size	Std. Pkg.	Master Ctn.
SRECS-50	1/2"	1/2"	25	250
SRECS-75	3/4"	3/4"	10	100
SRECS-100	1"	1"	10	100

PRODUCT FEATURES

- Zinc Electroplated
- Concrete-Tight when taped

STEEL EMT TO LIQUID TIGHT
COMBINATION COUPLINGS
COMPRESSION TYPE



Cat. No.	EMT Size	LT Size	Std. Pkg.	Master Ctn.
SELTC-50	1/2"	1/2"	25	250
SELTC-75	3/4"	3/4"	10	100
SELTC-100	1"	1"	10	100

PRODUCT FEATURES

- Zinc Electroplated
- Concrete-Tight
- Rain-Tight

ZINC DIE CAST GROUND BUSHINGS INSULATED WITH UNIVERSAL LAY-IN LUG

PRODUCT FEATURES

- ▶ 105°C rated Throat Insulator



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
GBLL-50	1/2"	#14 - #4	50	500
GBLL-75	3/4"	#14 - #4	40	400
GBLL-100	1"	#14 - #4	15	150
GBLL-125	1-1/4"	#14 - #4	15	150
GBLL-125-10	1-1/4"	#14 - #1/0	20	200
GBLL-150	1-1/2"	#14 - #4	10	100
GBLL-150-10	1-1/2"	#14 - #1/0	10	100
GBLL-200	2"	#14 - #4	5	50
GBLL-200-10	2"	#14 - #1/0	10	100
GBLL-250	2-1/2"	#6 - #250MCM	5	50
GBLL-250-10	2-1/2"	#14 - #1/0	-	50
GBLL-300	3"	#6 - #250MCM	5	50
GBLL-300-10	3"	#14 - #1/0	-	50
GBLL-350	3-1/2"	#6 - #250MCM	4	40
GBLL-350-10	3-1/2"	#14 - #1/0	-	10
GBLL-400	4"	#6 - #250MCM	4	40
GBLL-400-10	4"	#14 - #1/0	-	10



MALLEABLE IRON GROUND BUSHINGS INSULATED WITH UNIVERSAL LAY-IN LUG

PRODUCT FEATURES

- ▶ 150°C rated Throat Insulator
- ▶ Full Machine-Cut Internal Threads
- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
MGBLL-50	1/2"	#14 - #4	50	200
MGBLL-75	3/4"	#14 - #4	25	100
MGBLL-100	1"	#14 - #4	25	100
MGBLL-125	1-1/4"	#14 - #4	10	50
MGBLL-125-10	1-1/4"	#14 - #1/0	20	200
MGBLL-150	1-1/2"	#14 - #4	10	50
MGBLL-150-10	1-1/2"	#14 - #1/0	10	100
MGBLL-200	2"	#14 - #4	10	50
MGBLL-200-10	2"	#14 - #1/0	10	100
MGBLL-250	2-1/2"	#6 - #250MCM	5	25
MGBLL-250-10	2-1/2"	#14 - #1/0	-	50
MGBLL-300	3"	#6 - #250MCM	5	25
MGBLL-300-10	3"	#14 - #1/0	-	25
MGBLL-350	3-1/2"	#6 - #250MCM	-	5
MGBLL-350-10	3-1/2"	#14 - #1/0	-	10
MGBLL-400	4"	#6 - #250MCM	-	5
MGBLL-400-10	4"	#14 - #1/0	-	10
MGBLL-500	5"	#6 - #250MCM	-	5
MGBLL-500-30	5"	#6 - #3/0	-	5
MGBLL-600	6"	#6 - #250MCM	-	5
MGBLL-600-30	6"	#6 - #3/0	-	5





STEEL GROUNDING (BONDING) RIGID LOCKNUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
GL-50	1/2"	50	200
GL-75	3/4"	25	100
GL-100	1"	25	100
GL-125	1-1/4"	10	50
GL-150	1-1/2"	10	50
GL-200	2"	10	50
GL-250	2-1/2"	5	25
GL-300	3"	5	25
GL-350	3-1/2"	-	5
GL-400	4"	-	5
GL-500	5"	-	5
GL-600	6"	-	5

COPPER DIRECT BURIAL MECHANICAL LUGS

PRODUCT FEATURES

- ▶ Stainless Steel Screw



Cat. No.	Wire Range	Std. Pkg.	Master Ctn.
MLDB-14/10	#14 - #10	50	400
MLDB-14/6	#14 - #6	50	400
MLDB-14/4	#14 - #4	25	200
MLDB-6/100	#6 - #1/0	10	80

COPPER DIRECT BURIAL LAY-IN LUGS

PRODUCT FEATURES

- ▶ Stainless Steel Screw



Cat. No.	Wire Range	Std. Pkg.	Master Ctn.
LLDB-14/4	#14 - #4	25	250

COPPER TIN PLATED DIRECT BURIAL LAY-IN LUG

LLTDB-14/4	#14 - #4	25	250
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COPPER TIN PLATED DIRECT BURIAL LAY-IN LUG FOR SOLAR INSTALLATIONS

LLTDB-SP-14/4	#14 - #4	25	250
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ALUMINUM TERMINAL LUGS SINGLE BARREL ONE HOLE MOUNT

PRODUCT FEATURES

- ▶ Electro Tinned
- ▶ Single barrel
- ▶ Dual rated for copper and aluminum conductors



Cat. No.	Wire Range	Std. Pkg.	Master Ctn.
FTL-14/4	#14 - #4	50	400
FTL-14/2	#14 - #2	50	400
FTL-14/100	#14 - #1/0	25	200
FTL-14/200	#14 - #2/0	25	200
FTL-6/250	#6 - #250MCM	10	100
FTL-6/300	#6 - #300MCM	10	100
FTL-6/350	#6 - #350MCM	10	100
FTL-4/500	#4 - #500MCM	6	60
FTL-2/600	#2 - #600MCM	6	60
FTL-300/800	#300MCM - #800MCM	4	40
FTL-500/1000	#500MCM - #1000MCM	4	40

ALUMINUM TERMINAL LUGS DOUBLE BARREL ONE HOLE MOUNT

PRODUCT FEATURES

- ▶ Electro Tinned
- ▶ Double barrel
- ▶ Dual rated for copper and aluminum conductors



Cat. No.	Wire Range	Std. Pkg.	Master Ctn.
FT2L-14/100	#14 - #1/0	10	100
FT2L-14/200	#14 - #2/0	10	100
FT2L-6/250	#6 - #250MCM	10	100
FT2L-6/350	#6 - #350MCM	4	40
FT2L-2/600	#2 - #600MCM	4	40
FT2L-300/800	#300MCM - #800MCM	2	20
FT2L-500/1000	#500MCM - #1000MCM	2	20

INTERSYSTEM GROUNDING AND BONDING BRIDGES

PRODUCT FEATURES

- ▶ Available in Zinc or Bronze
- ▶ Compatible with copper and aluminum wire



Cat. No.	CU/AL Wire Range	Material	Std. Pkg.	Master Ctn.
IGBB-5	#6 - #2 AWG Grounding Conductor for Central Hole #14 - #4 AWG Bonding Conductor for Side Hole	Zinc	10	50
IGBB-5B	#6 - #2 AWG Grounding Conductor for Central Hole #14 - #4 AWG Bonding Conductor for Side Hole	Bronze	10	50

ZINC DIE CAST BARE GROUND CLAMP

PRODUCT FEATURES

- ▶ Steel Screw



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
GCBZ-50/100	#10 - #2	1/2" to 1"	25	200

BRONZE BARE GROUND CLAMPS

PRODUCT FEATURES

- ▶ Steel Screw



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
GCB-50/100	#10 - #2	1/2" to 1"	25	200
GCB-125/200	#10 - #2	1-1/4" to 2"	10	80
GCB-250/400	#10 - #2	2-1/2" to 4"	-	15
GCB-450/600	#10 - #2	4-1/2" to 6"	-	5

BRONZE BARE GROUND CLAMPS

PRODUCT FEATURES

- ▶ Brass Screw



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
GGBR-50/100	#10 - #2	1/2" to 1"	25	200

BRONZE ARMORED GROUND CLAMPS

PRODUCT FEATURES

- ▶ Steel Screws
- ▶ For use with #8, #6, #4 AWG Bare Wire or AC (BX) Armored Cable



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
GCA-50/100	#8 - #4	1/2" to 1"	25	150
GCA-125/200	#8 - #4	1-1/4" to 2"	10	80
GCA-250/400	#8 - #4	2-1/2" to 4"	-	15
GCA-450/600	#8 - #4	4-1/2" to 6"	-	5



BRONZE DIRECT BURIAL* BARE GROUND CLAMPS

PRODUCT FEATURES

- ▶ Bronze Screws



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
GCB-50/100	#10 - #2	1/2" to 1"	25	200
GCB-125/200	#10 - #2	1-1/4" to 2"	10	80

*UL Listed for direct burial in earth or concrete.

BRONZE DIRECT BURIAL* ARMORED GROUND CLAMPS

PRODUCT FEATURES

- ▶ Bronze Screws
- ▶ For use with #8, #6, #4 AWG Bare Wire or AC (BX) Armored Cable



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
GCAB-50/100	#8 - #4	1/2" to 1"	25	200

*UL Listed for direct burial in earth or concrete.

BRONZE GROUND CLAMPS WITH ADAPTER

PRODUCT FEATURES

- ▶ Steel Screws



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
GCAH-50/100	#8 - #4/0	1/2" to 1"	10	80
GCAH-125/200	#8 - #4/0	1-1/4" to 2"	5	40

HEAVY DUTY BRONZE DIRECT BURIAL FOR REBAR GROUND CLAMP

PRODUCT FEATURES

- ▶ Bronze Screws



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
GCR-50/100	#8 - #2	1/2", 3/4 to 1"	25	200

*UL Listed for direct burial in earth or concrete.

BRONZE LAY-IN GROUND CLAMP

PRODUCT FEATURES

- ▶ Steel Screws



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
GCRL-38/100	#10 - #2	3/8" to 1" Rebar 1/2" to 1"	25	100

BRONZE DIRECT BURIAL LAY-IN CLAMP

PRODUCT FEATURES

- ▶ Stainless Steel Screws



Cat. No.	Ground Wire Range	Trade Size	Std. Pkg.	Master Ctn.
GCRLDB-38/100	#10 - #2	3/8" to 1" Rebar 1/2" to 1"	25	100

BRONZE CONDUIT CLAMPS FOR RIGID CONDUIT WITH ADAPTER

PRODUCT FEATURES

- ▶ Steel Screws



Cat. No.	Water Pipe Size	Hub Size	Ground Wire Range	Std. Pkg.	Master Ctn.
GCH-50/100-50	1/2" to 1"	1/2"	#10 - #2/0	10	50
GCH-50/100-75	1/2" to 1"	3/4"	#10 - #2/0	10	50
GCH-50/100-100	1/2" to 1"	1"	#10 - #3/0	10	50



BRONZE GROUND CLAMPS FOR RIGID CONDUIT WITH FLEXIBLE COPPER STRAP

PRODUCT FEATURES

- ▶ Steel Screws

Cat. No.

	Water Pipe Size	Hub Size	Ground Wire Range	Std. Pkg.
AGS-50	1/2" to 1"	1/2"	#10 - #4	50
AGS-75	1/2" to 1"	3/4"	#10 - #4	50
AGS-100	1/2" to 1"	1"	#10 - #4	50



BRONZE CONDUIT HUB 360° SWING TYPE

PRODUCT FEATURES

- ▶ Steel Screws

Cat. No.

	Pipe Size	Ground Wire Range	Std. Pkg.	Master Ctn.
H-50	1/2"	#10 - #2/0	25	200
H-75	3/4"	#10 - #2/0	25	200
H-100	1"	#10 - #3/0	20	160



BRONZE DIRECT BURIAL GROUND ROD CLAMPS

PRODUCT FEATURES

- ▶ Bronze Screw

Cat. No.

	Ground Rod Size	Ground Wire Range	Std. Pkg.	Master Ctn.
GRC-50	1/2"	#10 - #2	35	280
GRC-58	5/8"	#10 - #2	30	240
GRC-75	3/4"	#10 - #2	20	160

*UL Listed for direct burial in earth or concrete.



BRASS SPLIT BOLT COPPER TO COPPER CONNECTORS

PRODUCT FEATURES

- ▶ Copper Plated

Cat. No.

	Ground Wire Range	Std. Pkg.	Master Ctn.
SBCC-8	#8 STR - #12 STR	25	200
SBCC-6	#6 SOL - #10 SOL	25	200
SBCC-4	#4 SOL - #8 SOL	25	200
SBCC-2	#2 STR - #6 SOL	10	80
SBCC-2S	#2 SOL - #6 SOL	10	80
SBCC-10	#1/0 STR - #4 SOL	10	80
SBCC-20	#2/0 STR - #2 SOL	5	40
SBCC-30	#3/0 STR - #2 SOL	5	40
SBCC-250	#250MCM - #1/0 SOL	5	40
SBCC-350	#350MCM - #4/0 SOL	1	8
SBCC-500	#500MCM - #250MCM	1	8
SBCC-750	#750MCM - #350MCM	1	8



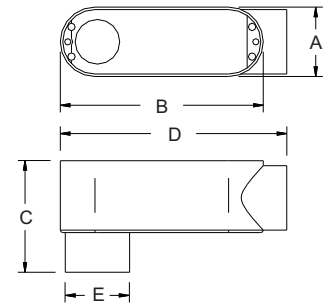
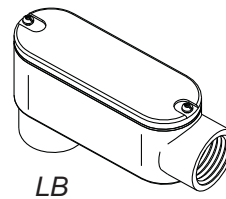
**DIE CAST COPPER-FREE
ALUMINUM
THREADED CONDUIT BODIES
"LB" SERIES**

PRODUCT FEATURES

- ▶ With Die Cast Cover and Neoprene Gasket
- ▶ Gray color



Cat. No.	Trade Size	DIMENSIONS - LB SERIES					Std. Pkg.
		A	B	C	D	E	
LB-50A	1/2"	1-5/16"	3-7/8"	2-3/32"	4-5/16"	1-1/16"	10
LB-75A	3/4"	1-9/16"	4-11/16"	2-3/8"	5-3/32"	1-5/16"	10
LB-100A	1"	1-13/16"	5-3/8"	2-3/4"	5-29/32"	1-9/16"	5
LB-125A	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	1-31/32"	2
LB-150A	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-3/16"	2
LB-200A	2"	3-3/16"	9-1/2"	4-1/2"	10-1/16"	2-11/16"	1
LB-250A	2-1/2"	4-1/2"	12-1/16"	5-5/16"	12-13/16"	3-5/16"	1
LB-300A	3"	4-1/2"	12-1/16"	5-29/32"	12-13/16"	3-15/16"	1
LB-350A	3-1/2"	5-9/16"	15-1/16"	7-5/16"	15-5/8"	4-17/32"	1
LB-400A	4"	5-9/16"	15-7/16"	7-5/16"	15-5/8"	4-31/32"	1



Electrical Fittings

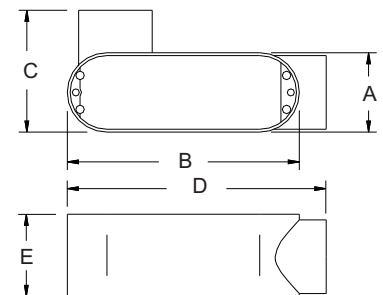
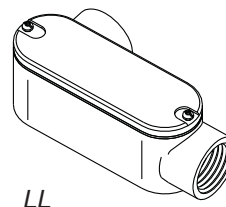
**DIE CAST COPPER-FREE
ALUMINUM
THREADED CONDUIT BODIES
"LL" SERIES**

PRODUCT FEATURES

- ▶ With Die Cast Cover and Neoprene Gasket
- ▶ Gray color



Cat. No.	Trade Size	DIMENSIONS - LL SERIES					Std. Pkg.
		A	B	C	D	E	
LL-50A	1/2"	1-5/16"	3-7/8"	2-1/32"	4-5/16"	1-3/8"	10
LL-75A	3/4"	1-9/16"	4-11/16"	2-5/16"	5-3/32"	1-5/8"	10
LL-100A	1"	1-13/16"	5-3/8"	2-11/16"	5-29/32"	1-7/8"	5
LL-125A	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LL-150A	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LL-200A	2"	3-3/16"	9-1/2"	4-9/32"	10-1/16"	3-3/8"	1
LL-250A	2-1/2"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4"	1
LL-300A	3"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4-1/2"	1
LL-400A	4"	5-9/16"	15-1/16"	7-21/32"	15-5/8"	5-5/8"	1



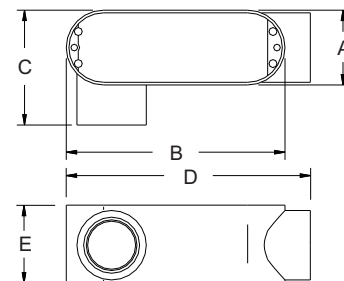
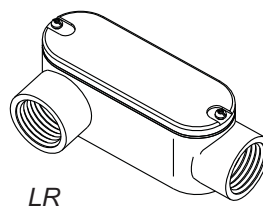
**DIE CAST COPPER-FREE
ALUMINUM
THREADED CONDUIT BODIES
"LR" SERIES**

PRODUCT FEATURES

- ▶ With Die Cast Cover and Neoprene Gasket
- ▶ Gray color



Cat. No.	Trade Size	DIMENSIONS - LR SERIES					Std. Pkg.
		A	B	C	D	E	
LR-50A	1/2"	1-5/16"	3-7/8"	2-1/32"	4-5/16"	1-3/8"	10
LR-75A	3/4"	1-9/16"	4-11/16"	2-5/16"	5-3/32"	1-5/8"	10
LR-100A	1"	1-13/16"	5-3/8"	2-11/16"	5-29/32"	1-7/8"	5
LR-125A	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LR-150A	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LR-200A	2"	3-3/16"	9-1/2"	4-9/32"	10-1/16"	3-3/8"	1
LR-250A	2-1/2"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4"	1
LR-300A	3"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4-1/2"	1
LR-400A	4"	5-9/16"	15-1/16"	7-21/32"	15-5/8"	5-5/8"	1



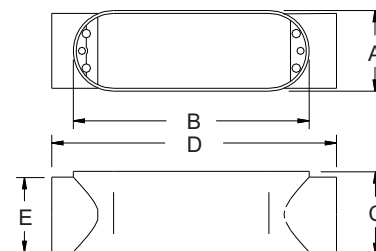
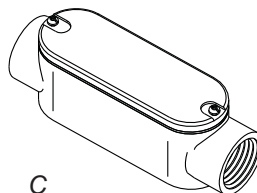
**DIE CAST COPPER-FREE
ALUMINUM
THREADED CONDUIT BODIES
"C" SERIES**

PRODUCT FEATURES

- ▶ With Die Cast Cover and Neoprene Gasket
- ▶ Gray color



Cat. No.	Trade Size	DIMENSIONS - C SERIES					Std. Pkg.
		A	B	C	D	E	
C-50A	1/2"	1-5/16"	3-7/8"	1-3/8"	4-11/16"	1-1/16"	10
C-75A	3/4"	1-9/16"	4-11/16"	1-5/8"	5-1/2"	1-5/16"	10
C-100A	1"	1-13/16"	5-3/8"	1-7/8"	6-7/16"	1-9/16"	5
C-125A	1-1/4"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	1-31/32"	2
C-150A	1-1/2"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	2-3/16"	2
C-200A	2"	3-3/16"	9-1/2"	3-3/8"	10-9/16"	2-11/16"	1
C-250A	2-1/2"	4-1/2"	12-1/16"	4"	13-1/2"	3-5/16"	1
C-300A	3"	4-1/2"	12-1/16"	4-1/2"	13-1/2"	3-15/16"	1
C-400A	4"	5-9/16"	15-1/16"	5-5/8"	16-5/16"	4-31/32"	1



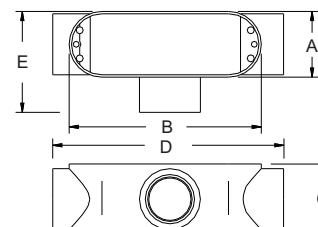
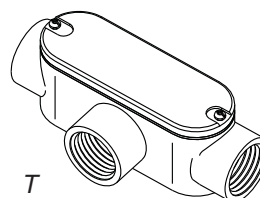
DIE CAST COPPER-FREE ALUMINUM THREADED CONDUIT BODIES "T" SERIES

PRODUCT FEATURES

- ▶ With Die Cast Cover and Neoprene Gasket
- ▶ Gray color



Cat. No.	Trade Size	DIMENSIONS - T SERIES					Std. Pkg.
		A	B	C	D	E	
T-50A	1/2"	1-5/16"	3-7/8"	1-3/8"	4-11/16"	2-1/32"	10
T-75A	3/4"	1-9/16"	4-11/16"	1-5/8"	5-1/2"	2-5/16"	10
T-100A	1"	1-13/16"	5-3/8"	1-7/8"	6-7/16"	2-11/16"	5
T-125A	1-1/4"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	3-1/2"	2
T-150A	1-1/2"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	3-1/2"	2
T-200A	2"	3-3/16"	9-1/2"	3-3/8"	10-9/16"	4-9/32"	1
T-250A	2-1/2"	4-1/2"	12-1/16"	4"	13-1/2"	5-7/8"	1
T-300A	3"	4-1/2"	12-1/16"	4-1/2"	13-1/2"	5-7/8"	1
T-400A	4"	5-9/16"	15-1/16"	5-5/8"	16-5/16"	7-21/32"	1



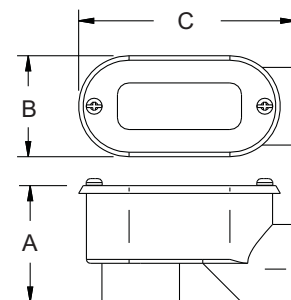
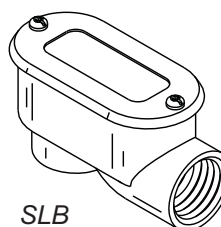
DIE CAST COPPER-FREE ALUMINUM THREADED SERVICE ENTRANCE CONDUIT BODIES "SLB" SERIES

PRODUCT FEATURES

- ▶ With Die Cast Cover and Neoprene Gasket
- ▶ Gray color



Cat. No.	Trade Size	DIMENSIONS - SLB SERIES			Std. Pkg.
		A	B	C	
SLB-50	1/2"	1-5/8"	1-3/8"	3-9/32"	20
SLB-75	3/4"	1-27/32"	1-9/16"	3-19/32"	20
SLB-100	1"	2-1/8"	1-31/32"	4-5/16"	10
SLB-125	1-1/4"	2-19/32"	2-7/16"	5-9/16"	10
SLB-150	1-1/2"	2-19/32"	2-5/8"	6-1/4"	6
SLB-200	2"	3-1/8"	3-1/8"	6-3/4"	3

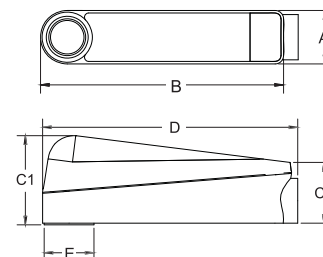


MOGUL THREADED COPPER-FREE ALUMINUM ALLOY EXTRA-LARGE RIGID CONDUIT BODIES "LB" SERIES

PRODUCT FEATURES

- ▶ With Die Cast Cover and Neoprene Gasket
- ▶ Gray color

Cat. No.	Trade Size	DIMENSIONS - LB SERIES						Std. Pkg.	Master Ctn.
		A	B	C1	C2	D	E		
LBM-150	1-1/2"	3"	13-7/16"	5"	4"	14-1/4"	2-3/4"	-	1
LBM-200	2"	3"	13-7/16"	5"	4"	14-1/4"	2-3/4"	-	1
LBM-250	2-1/2"	4-17/27"	21-9/10"	8-2/3"	5-3/25"	22-3/4"	4-1/4"	-	1
LBM-300	3"	4-17/27"	21-9/10"	8-2/3"	5-3/25"	22-3/4"	4-1/4"	-	1
LBM-350	3-1/2"	5-17/27"	28-1/2"	10"	6-1/10"	29-1/8"	5-1/8"	-	1
LBM-400	4"	5-17/27"	28-1/2"	10"	6-1/10"	29-1/8"	5-1/8"	-	1



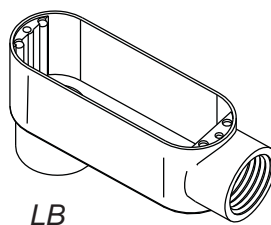
**DIE CAST COPPER-FREE
ALUMINUM
THREADED CONDUIT BODIES
"LB" SERIES
WITHOUT COVERS**

PRODUCT FEATURES

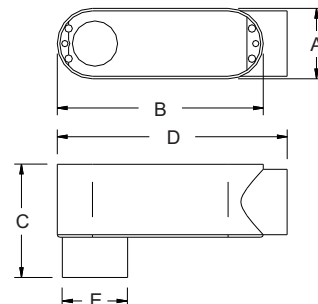
- ▶ Gray color
- ▶ Suitable for wet location when used with gasket and cover



Cat. No.	Trade Size	DIMENSIONS - LB SERIES					Std. Pkg.
		A	B	C	D	E	
LB-50	1/2"	1-5/16"	3-7/8"	2-3/32"	4-5/16"	1-1/16"	10
LB-75	3/4"	1-9/16"	4-11/16"	2-3/8"	5-3/32"	1-5/16"	10
LB-100	1"	1-13/16"	5-3/8"	2-3/4"	5-29/32"	1-9/16"	5
LB-125	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	1-31/32"	2
LB-150	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-3/16"	2
LB-200	2"	3-3/16"	9-1/2"	4-1/2"	10-1/16"	2-11/16"	1
LB-250	2-1/2"	4-1/2"	12-1/16"	5-5/16"	12-13/16"	3-5/16"	1
LB-300	3"	4-1/2"	12-1/16"	5-29/32"	12-13/16"	3-15/16"	1
LB-350	3-1/2"	5-9/16"	15-1/16"	7-5/16"	15-5/8"	4-17/32"	1
LB-400	4"	5-9/16"	15-7/16"	7-5/16"	15-5/8"	4-31/32"	1



LB



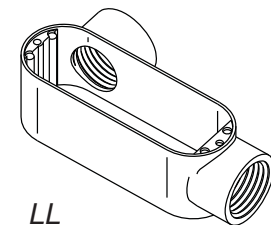
**DIE CAST COPPER-FREE
ALUMINUM
THREADED CONDUIT BODIES
"LL" SERIES
WITHOUT COVERS**

PRODUCT FEATURES

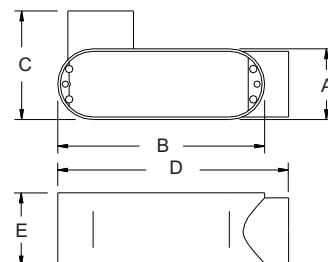
- ▶ Gray color
- ▶ Suitable for wet location when used with gasket and cover



Cat. No.	Trade Size	DIMENSIONS - LL SERIES					Std. Pkg.
		A	B	C	D	E	
LL-50	1/2"	1-5/16"	3-7/8"	2-1/32"	4-5/16"	1-3/8"	10
LL-75	3/4"	1-9/16"	4-11/16"	2-5/16"	5-3/32"	1-5/8"	10
LL-100	1"	1-13/16"	5-3/8"	2-11/16"	5-29/32"	1-7/8"	5
LL-125	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LL-150	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LL-200	2"	3-3/16"	9-1/2"	4-9/32"	10-1/16"	3-3/8"	1
LL-250	2-1/2"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4"	1
LL-300	3"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4-1/2"	1
LL-400	4"	5-9/16"	15-7/16"	7-21/32"	15-5/8"	5-5/8"	1



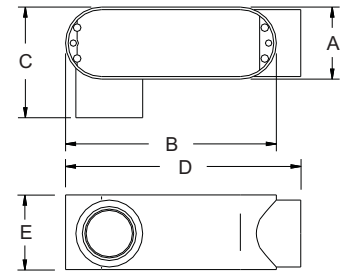
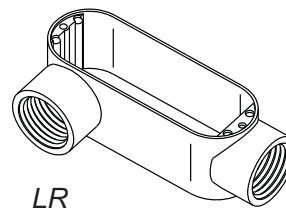
LL



**DIE CAST COPPER-FREE
ALUMINUM
THREADED CONDUIT BODIES
"LR" SERIES
WITHOUT COVERS**

PRODUCT FEATURES

- ▶ Gray color
- ▶ Suitable for wet location when used with gasket and cover



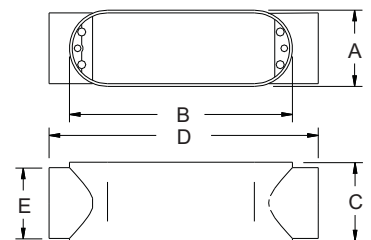
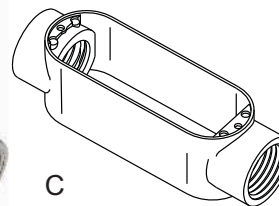
Electrical Fittings

Cat. No.	Trade Size	DIMENSIONS - LR SERIES					Std. Pkg.
		A	B	C	D	E	
LR-50	1/2"	1-5/16"	3-7/8"	2-1/32"	4-5/16"	1-3/8"	10
LR-75	3/4"	1-9/16"	4-11/16"	2-5/16"	5-3/32"	1-5/8"	10
LR-100	1"	1-13/16"	5-3/8"	2-11/16"	5-29/32"	1-7/8"	5
LR-125	1-1/4"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LR-150	1-1/2"	2-1/2"	7-5/16"	3-1/2"	7-13/16"	2-1/2"	2
LR-200	2"	3-3/16"	9-1/2"	4-9/32"	10-1/16"	3-3/8"	1
LR-250	2-1/2"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4"	1
LR-300	3"	4-1/2"	12-1/16"	5-7/8"	12-13/16"	4-1/2"	1
LR-400	4"	5-9/16"	15-1/16"	7-21/32"	15-5/8"	5-5/8"	1

**DIE CAST COPPER-FREE
ALUMINUM
THREADED CONDUIT BODIES
"C" SERIES
WITHOUT COVERS**

PRODUCT FEATURES

- ▶ Gray color
- ▶ Suitable for wet location when used with gasket and cover



Cat. No.	Trade Size	DIMENSIONS - C SERIES					Std. Pkg.
		A	B	C	D	E	
C-50	1/2"	1-5/16"	3-7/8"	1-3/8"	4-5/16"	1-1/16"	10
C-75	3/4"	1-9/16"	4-11/16"	1-5/8"	5-3/32"	1-5/16"	10
C-100	1"	1-13/16"	5-3/8"	1-7/8"	5-29/32"	1-9/16"	5
C-125	1-1/4"	2-1/2"	7-5/16"	2-1/2"	7-13/16"	1-31/32"	2
C-150	1-1/2"	2-1/2"	7-5/16"	2-1/2"	7-13/16"	2-3/16"	2
C-200	2"	3-3/16"	9-1/2"	3-3/8"	10-1/16"	2-11/16"	1
C-250	2-1/2"	4-1/2"	12-1/16"	4"	12-13/16"	3-5/16"	1
C-300	3"	4-1/2"	12-1/16"	4-1/2"	12-13/16"	3-15/16"	1
C-400	4"	5-9/16"	15-1/16"	5-5/8"	15-5/8"	4-31/32"	1

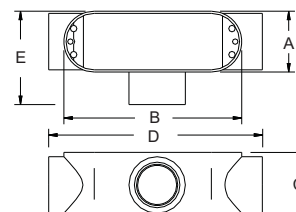
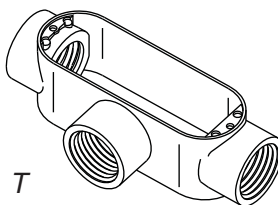
**DIE CAST COPPER-FREE
ALUMINUM
THREADED CONDUIT BODIES
"T" SERIES
WITHOUT COVERS**

PRODUCT FEATURES

- ▶ Gray color
- ▶ Suitable for wet location when used with gasket and cover



Cat. No.	Trade Size	DIMENSIONS - T SERIES					Std. Pkg.
		A	B	C	D	E	
T-50	1/2"	1-5/16"	3-7/8"	1-3/8"	4-11/16"	2-1/32"	10
T-75	3/4"	1-9/16"	4-11/16"	1-5/8"	5-1/2"	2-5/16"	10
T-100	1"	1-13/16"	5-3/8"	1-7/8"	6-7/16"	2-11/16"	5
T-125	1-1/4"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	3-1/2"	2
T-150	1-1/2"	2-1/2"	7-5/16"	2-1/2"	8-3/8"	3-1/2"	2
T-200	2"	3-3/16"	9-1/2"	3-3/8"	10-9/16"	4-9/32"	1
T-250	2-1/2"	4-1/2"	12-1/16"	4"	13-1/2"	5-7/8"	1
T-300	3"	4-1/2"	12-1/16"	4-1/2"	13-1/2"	5-7/8"	1
T-400	4"	5-9/16"	15-1/16"	5-5/8"	16-5/16"	7-21/32"	1



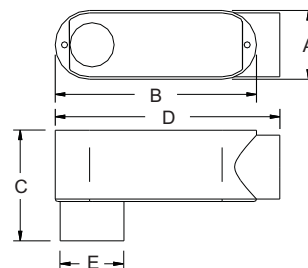
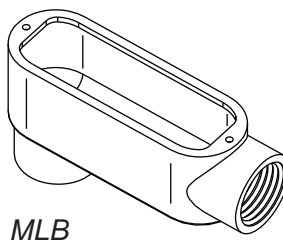
**MALLEABLE IRON
THREADED CONDUIT BODIES
"LB" SERIES**

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Suitable for wet location when used with gasket and cover



Cat. No.	Trade Size	DIMENSIONS - LB SERIES					Std. Pkg.
		A	B	C	D	E	
MLB-50	1/2"	1-3/8"	4"	2-3/16"	4-5/8"	1-15/32"	10
MLB-75	3/4"	1-5/8"	4-21/32"	2-3/8"	5-3/8"	1-21/32"	10
MLB-100	1"	1-13/16"	5-3/8"	2-7/8"	6-1/4"	2"	5
MLB-125	1-1/4"	2-1/2"	7-7/32"	3-1/2"	8-1/8"	2-5/8"	2
MLB-150	1-1/2"	2-1/2"	7-7/32"	3-11/16"	8-3/32"	2-13/16"	2
MLB-200	2"	3-1/8"	9-1/2"	4-1/2"	10-1/2"	3-1/2"	1
MLB-250	2-1/2"	4-3/8"	12-1/4"	5-13/32"	13-3/4"	4"	1
MLB-300	3"	4-3/8"	12-1/4"	6-3/16"	13-13/16"	4-5/8"	1
MLB-350	3-1/2"	5-1/2"	15"	7-3/16"	16-5/8"	5-7/16"	1
MLB-400	4"	5-1/2"	15"	7-11/32"	16-23/32"	5-3/4"	1



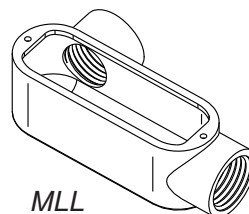
MALLEABLE IRON THREADED CONDUIT BODIES "LL" SERIES

PRODUCT FEATURES

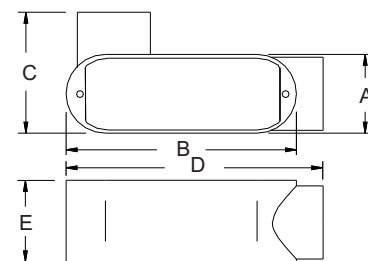
- ▶ Electroplated Zinc
- ▶ Suitable for wet location when used with gasket and cover



Cat. No.	Trade Size	DIMENSIONS - LL SERIES					Std. Pkg.
		A	B	C	D	E	
MLL-50	1/2"	1-3/8"	4"	2-1/16"	4-11/16"	1-7/16"	10
MLL-75	3/4"	1-5/8"	4-11/16"	2-1/4"	5-13/32"	1-21/32"	10
MLL-100	1"	1-13/16"	5-3/8"	2-21/32"	6-1/4"	2"	5
MLL-125	1-1/4"	2-1/2"	7-7/32"	3-7/16"	8-1/8"	2-19/32"	2
MLL-150	1-1/2"	2-1/2"	7-7/32"	3-7/16"	8-1/8"	2-13/16"	2
MLL-200	2"	3-1/8"	9-1/2"	4-3/16"	10-1/2"	3-17/32"	1
MLL-250	2-1/2"	4-3/8"	12-1/4"	5-27/32"	13-3/4"	4"	1
MLL-300	3"	4-3/8"	12-1/4"	5-29/32"	13-13/16"	4-21/32"	1
MLL-350	3-1/2"	5-1/2"	15"	7-1/8"	16-5/8"	5-7/16"	1
MLL-400	4"	5-1/2"	15"	7-3/16"	16-5/8"	5-3/4"	1



MLL



Electrical Fittings

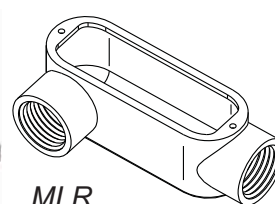
MALLEABLE IRON THREADED CONDUIT BODIES "LR" SERIES

PRODUCT FEATURES

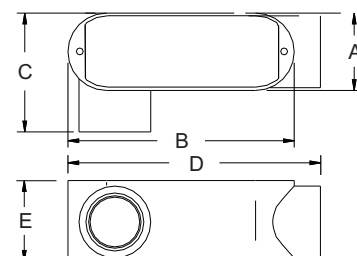
- ▶ Electroplated Zinc
- ▶ Suitable for wet location when used with gasket and cover



Cat. No.	Trade Size	DIMENSIONS - LR SERIES					Std. Pkg.
		A	B	C	D	E	
MLR-50	1/2"	1-3/8"	4"	2-1/16"	4-11/16"	1-7/16"	10
MLR-75	3/4"	1-9/16"	4-11/16"	2-1/4"	5-13/32"	1-21/32"	10
MLR-100	1"	1-13/16"	5-3/8"	2-11/16"	6-9/32"	2"	5
MLR-125	1-1/4"	2-1/2"	7-7/32"	3-3/8"	8-1/8"	2-19/32"	2
MLR-150	1-1/2"	2-1/2"	7-7/32"	3-7/16"	8-1/8"	2-13/16"	2
MLR-200	2"	3-5/32"	9-1/2"	4-1/8"	10-1/2"	3-1/2"	1
MLR-250	2-1/2"	4-7/16"	12-1/4"	5-27/32"	13-3/4"	4"	1
MLR-300	3"	4-7/16"	12-1/4"	5-29/32"	13-13/16"	4-21/32"	1
MLR-350	3-1/2"	5-1/2"	15"	7-1/8"	16-5/8"	5-7/16"	1
MLR-400	4"	5-1/2"	15"	7-3/16"	16-5/8"	5-3/4"	1



MLR



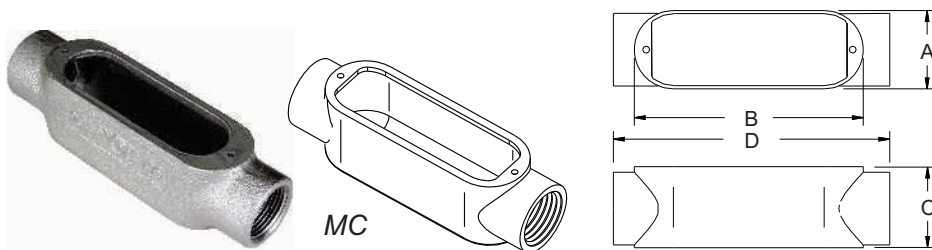
MALLEABLE IRON THREADED CONDUIT BODIES "C" SERIES

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Suitable for wet location when used with gasket and cover



Cat. No.	Trade Size	DIMENSIONS - C SERIES				Std. Pkg.
		A	B	C	D	
MC-50	1/2"	1-3/8"	4"	1-1/2"	5-7/16"	10
MC-75	3/4"	1-9/16"	4-11/16"	1-21/32"	6-5/32"	10
MC-100	1"	1-13/16"	5-13/32"	2"	7-5/32"	5
MC-125	1-1/4"	2-1/2"	7-7/32"	2-19/32"	9-1/16"	2
MC-150	1-1/2"	2-1/2"	7-7/32"	2-13/16"	9-1/16"	2
MC-200	2"	3-5/32"	9-1/2"	3-1/2"	11-1/2"	1
MC-250	2-1/2"	4-7/16"	12-1/4"	4"	15-5/16"	1
MC-300	3"	4-7/16"	12-1/4"	4-5/8"	15-13/32"	1
MC-350	3-1/2"	5-1/2"	15"	5-7/16"	18-5/16"	1
MC-400	4"	5-1/2"	15"	5-3/4"	18-5/16"	1



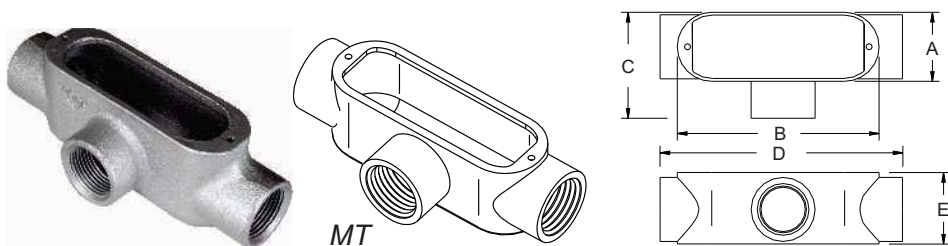
MALLEABLE IRON THREADED CONDUIT BODIES "T" SERIES

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Suitable for wet location when used with gasket and cover



Cat. No.	Trade Size	DIMENSIONS - T SERIES					Std. Pkg.
		A	B	C	D	E	
MT-50	1/2"	1-3/8"	4"	2-1/16"	5-13/32"	1-7/16"	10
MT-75	3/4"	1-5/8"	4-21/32"	2-9/32"	6-5/32"	1-21/32"	10
MT-100	1"	1-13/16"	5-3/8"	2-21/32"	7-5/32"	2"	5
MT-125	1-1/4"	2-1/2"	7-7/32"	3-13/32"	9"	2-11/16"	2
MT-150	1-1/2"	2-1/2"	7-7/32"	3-7/16"	9-1/16"	2-13/16"	2
MT-200	2"	3-5/32"	9-1/2"	4-1/8"	11-1/2"	3-1/2"	1
MT-250	2-1/2"	4-7/16"	12-1/4"	5-27/32"	15-9/32"	4"	1
MT-300	3"	4-7/16"	12-1/4"	5-29/32"	15-13/32"	4-21/32"	1
MT-350	3-1/2"	5-1/2"	15"	7-1/8"	18-9/32"	5-7/16"	1
MT-400	4"	5-1/2"	15"	7-3/16"	18-9/32"	5-3/4"	1

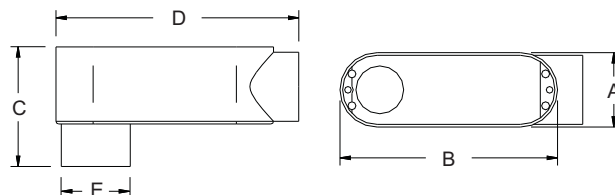


**COPPER-FREE
ALUMINUM ALLOY
EMT CONDUIT BODIES
SET-SCREW TYPE
"LB" SERIES**

PRODUCT FEATURES

- ▶ Plated Steel Set-Screws

Cat. No.	Trade Size	DIMENSIONS - LB SERIES					Std. Master Pkg. Ctn.	
		A	B	C	D	E		
SSLB-50	1/2"	1-5/16"	3-15/16"	2-1/16"	4-3/8"	1-1/16"	10	100
SSLB-75	3/4"	1-17/32"	4-5/8"	2-11/32"	5-1/8"	1-5/16"	10	50
SSLB-100	1"	1-25/32"	5-11/32"	2-7/8"	6"	1-9/16"	5	25
SSLB-125	1-1/4"	2-1/2"	7-1/4"	3-6/16"	7-11/16"	2"	2	10
SSLB-150	1-1/2"	2-1/2"	7-1/4"	3-9/16"	7-11/16"	2-1/4"	2	10
SSLB-200	2"	3-1/8"	9-1/2"	4-11/32"	10"	2-11/16"	1	5
SSLB-250	2-1/2"	4-7/16"	12-1/8"	5-3/16"	12-23/32"	3-3/8"	-	1
SSLB-300	3"	4-7/16"	12-1/8"	5-3/4"	12-23/32"	4"	-	1
SSLB-350	3-1/2"	5-15/32"	15-1/16"	7-1/16"	15-9/16"	5"	-	1
SSLB-400	4"	5-15/32"	15-1/16"	7-1/16"	15-9/16"	5"	-	1

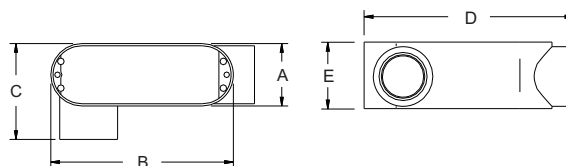


**COPPER-FREE
ALUMINUM ALLOY
EMT CONDUIT BODIES
SET-SCREW TYPE
"LR" SERIES**

PRODUCT FEATURES

- ▶ Plated Steel Set-Screws

Cat. No.	Trade Size	DIMENSIONS - LR SERIES					Std. Master Pkg. Ctn.	
		A	B	C	D	E		
SSLR-50	1/2"	1-5/16"	3-15/16"	2"	4-3/8"	1-5/16"	10	100
SSLR-75	3/4"	1-17/32"	4-5/8"	2-1/4"	5-1/8"	1-19/32"	10	50
SSLR-100	1"	1-25/32"	5-11/32"	2-23/32"	6"	1-29/32"	5	25
SSLR-125	1-1/4"	2-1/2"	7-1/4"	3-13/32"	7-11/16"	2-1/2"	2	10
SSLR-150	1-1/2"	2-1/2"	7-1/4"	3-13/32"	7-11/16"	2-11/16"	2	10
SSLR-200	2"	3-1/8"	9-1/2"	4-3/16"	10"	3-3/8"	1	5

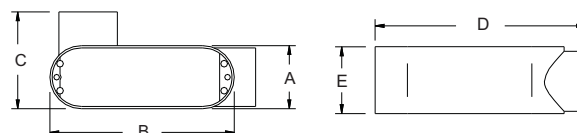


**COPPER-FREE
ALUMINUM ALLOY
EMT CONDUIT BODIES
SET-SCREW TYPE
"LL" SERIES**

PRODUCT FEATURES

- ▶ Plated Steel Set-Screws

Cat. No.	Trade Size	DIMENSIONS - LL SERIES					Std. Master Pkg. Ctn.	
		A	B	C	D	E		
SLL-50	1/2"	1-5/16"	3-15/16"	2"	4-3/8"	1-5/16"	10	100
SLL-75	3/4"	1-17/32"	4-5/8"	2-1/4"	5-1/8"	1-19/32"	10	50
SLL-100	1"	1-25/32"	5-11/32"	2-23/32"	6"	1-29/32"	5	25
SLL-125	1-1/4"	2-1/2"	7-1/4"	3-13/32"	7-11/16"	2-1/2"	2	10
SLL-150	1-1/2"	2-1/2"	7-1/4"	3-13/32"	7-11/16"	2-11/16"	2	10
SLL-200	2"	3-1/8"	9-1/2"	4-3/16"	10"	3-3/8"	1	5



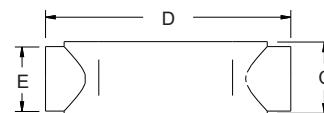
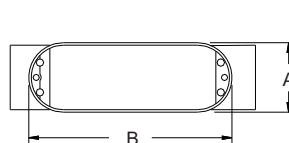


**COPPER-FREE
ALUMINUM ALLOY
EMT CONDUIT BODIES
SET-SCREW TYPE
"C" SERIES**

PRODUCT FEATURES

- ▶ Plated Steel Set-Screws

Cat. No.	Trade Size	DIMENSIONS - C SERIES					Std. Master Pkg. Ctn.	
		A	B	C	D	E		
SSC-50	1/2"	1-5/16"	3-15/16"	1-5/16"	4-3/4"	1-3/32"	10	100
SSC-75	3/4"	1-17/32"	4-5/8"	1-19/32"	5-5/8"	1-5/16"	10	50
SSC-100	1"	1-25/32"	5-11/32"	1-29/32"	6-21/32"	1-1/2"	5	25
SSC-125	1-1/4"	2-1/2"	7-1/4"	2-1/2"	8-3/32"	2"	2	10
SSC-150	1-1/2"	2-1/2"	7-1/4"	2-11/16"	8-3/32"	2-1/4"	2	10
SSC-200	2"	3-1/8"	9-1/2"	3-3/8"	10-17/32"	2-3/4"	1	5

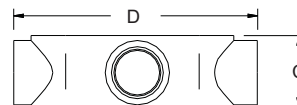
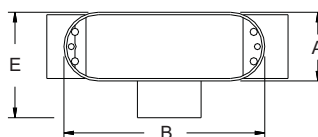


**COPPER-FREE
ALUMINUM ALLOY
EMT CONDUIT BODIES
SET-SCREW TYPE
"T" SERIES**

PRODUCT FEATURES

- ▶ Plated Steel Set-Screws

Cat. No.	Trade Size	DIMENSIONS - LL SERIES					Std. Master Pkg. Ctn.	
		A	B	C	D	E		
SST-50	1/2"	1-5/16"	3-15/16"	1-5/16"	4-3/4"	2"	10	100
SST-75	3/4"	1-17/32"	4-5/8"	1-19/32"	5-5/8"	2-1/4"	10	50
SST-100	1"	1-25/32"	5-11/32"	1-29/32"	6-21/32"	2-23/32"	5	25
SST-125	1-1/4"	2-1/2"	7-1/4"	2-7/16"	8-3/32"	3-13/32"	2	10
SST-150	1-1/2"	2-1/2"	7-1/4"	2-11/16"	8-3/32"	3-13/32"	2	10
SST-200	2"	3-1/8"	9-1/2"	3-3/8"	10-17/32"	4-3/16"	1	5



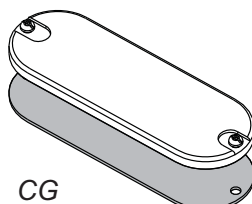
**DIE CAST COPPER-FREE
ALUMINUM
COVERS & NEOPRENE
GASKETS**

PRODUCT FEATURES

- ▶ Gray color



Cat. No.	Trade Size	DIMENSION			Std. Pkg.
		L	W	H	
CG-50	1/2"	3-7/8"	1-5/16"	1/4"	100
CG-75	3/4"	4-11/16"	1-9/16"	1/4"	50
CG-100	1"	5-3/8"	1-3/4"	1/4"	50
CG-125/150	1-1/4" - 1-1/2"	7-5/16"	2-1/2"	1/4"	25
CG-200	2"	9-1/2"	3-1/8"	5/16"	10
CG-250/300	2-1/2" - 3"	12-1/16"	4-7/16"	3/8"	10
CG-350/400	3-1/2" - 4"	15-1/16"	5-9/16"	3/8"	5



CG

STEEL

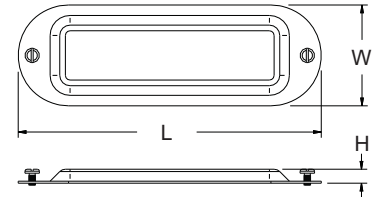
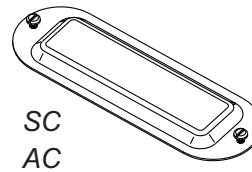
RAISED DOME COVERS

PRODUCT FEATURES

- ▶ Stamped Steel
- ▶ Stainless Steel Screws
- ▶ Gasket Not Included



Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		L	W	H	
SC-50	1/2"	4"	1-3/8"	1/4"	100
SC-75	3/4"	4-11/16"	1-9/16"	5/16"	50
SC-100	1"	5-3/8"	1-13/16"	3/8"	50
SC-125/150	1-1/4" - 1-1/2"	7-1/4"	2-1/2"	13/32"	25
SC-200	2"	9-1/2"	3-1/8"	1/2"	10
SC-250/300	2-1/2" - 3"	12-1/4"	4-7/16"	3/4"	10
SC-350/400	3-1/2" - 4"	15"	5-1/2"	3/4"	5



ALUMINUM

CONDUIT COVERS

PRODUCT FEATURES

- ▶ Stamped Aluminum



Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		L	W	H	
AC-50	1/2"	3-15/16"	1-3/8"	1/4"	100
AC-75	3/4"	4-11/16"	1-1/2"	5/16"	50
AC-100	1"	5-3/8"	1-3/4"	3/8"	50
AC-125/150	1-1/4" - 1-1/2"	7-1/4"	2-1/2"	7/16"	25
AC-200	2"	9-1/2"	3-1/8"	1/2"	10
AC-250/300	2-1/2" - 3"	12-1/4"	4-7/16"	3/4"	10
AC-350/400	3-1/2" - 4"	15"	5-1/2"	3/4"	5



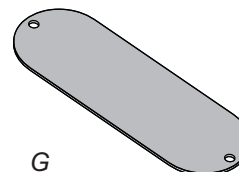
NEOPRENE GASKETS

PRODUCT FEATURES

- ▶ For use with Cast Aluminum & Malleable Iron Conduit Bodies
- ▶ Available in Black color



Cat. No.	Trade Size	DIMENSION			Std. Pkg.
		L	W	H	
G-50	1/2"	3-11/16"	1-3/8"	1/16"	100
G-75	3/4"	4-1/4"	1-1/2"	1/16"	100
G-100	1"	5"	1-3/4"	1/16"	50
G-125/150	1-1/4" - 1-1/2"	6"	2-7/16"	1/16"	50
G-200	2"	7"	3"	1/16"	50
G-250/300	2-1/2" - 3"	9"	4-1/4"	1/16"	25
G-350/400	3-1/2" - 4"	11"	5-1/4"	1/16"	25

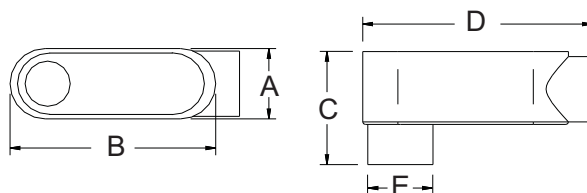


G

**SAND CAST CLASS 30
GRAY IRON ALLOY
THREADED CONDUIT BODIES
"LB" SERIES
FORM 7**

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 7 conduit bodies
- ▶ Suitable for wet location when used with gasket and cover
- ▶ Use with easy clip-on covers

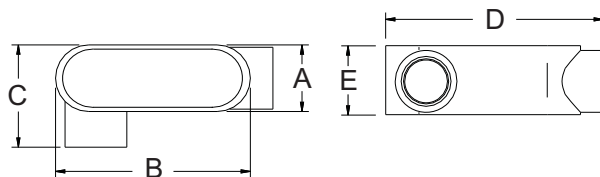


Cat. No.	Trade Size	DIMENSIONS - LB SERIES					Std. Master Pkg. Ctn.	
		A	B	C	D	E		
LB7-50	1/2"	1-7/20"	3-2/3"	2-1/5"	4-1/2"	1-4/17"	10	50
LB7-75	3/4"	1-13/20"	4-7/24"	2-1/2"	5-1/5"	1-1/2"	5	25
LB7-100	1"	1-4/5"	5-1/23"	2-17/20"	6-1/6"	1-19/24"	5	25
LB7-125	1-1/4"	2-1/5"	5-4/7"	3-6/25"	6-1/2"	2-3/14"	1	10
LB7-150	1-1/2"	2-9/20"	6-1/18"	3-13/25"	7-1/11"	2-11/24"	1	10
LB7-200	2"	3"	7-1/13"	4-1/7"	8-1/9"	3"	1	5
LB7-250	2-1/2"	4-1/4"	9-1/18"	5-6/25"	10-5/7"	3-9/20"	-	1
LB7-300	3"	4-1/4"	9-1/18"	6"	10-5/7"	4-1/4"	-	1
LB7-350	3-1/2"	5-3/10"	11"	6-11/19"	12-4/5"	4-3/4"	-	1
LB7-400	4"	5-3/10"	11"	7-1/10"	12-4/5"	5-4/15"	-	1

**SAND CAST CLASS 30
GRAY IRON ALLOY
THREADED CONDUIT BODIES
"LR" SERIES
FORM 7**

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 7 conduit bodies
- ▶ Suitable for wet location when used with gasket and cover
- ▶ Use with easy clip-on covers

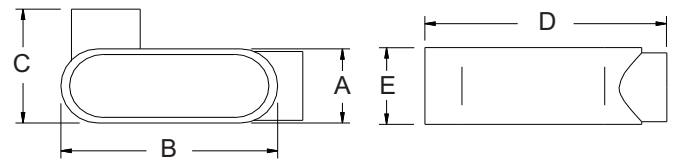


Cat. No.	Trade Size	DIMENSIONS - LR SERIES					Std. Master Pkg. Ctn.	
		A	B	C	D	E		
LR7-50	1/2"	1-6/13"	3-2/3"	1-9/20"	4-1/2"	1-2/5"	10	50
LR7-75	3/4"	1-17/26"	4-7/24"	2-1/2"	5-1/5"	1-13/20"	5	25
LR7-100	1"	1-18/23"	5-1/25"	2-4/5"	6-1/6"	1-4/5"	5	25
LR7-125	1-1/4"	2-3/14"	5-4/7"	3-1/7"	6-1/2"	2-1/5"	1	10
LR7-150	1-1/2"	2-9/20"	6-1/18"	3-2/5"	7-1/11"	2-9/20"	1	10
LR7-200	2"	3"	7-1/13"	4"	8-1/9"	3"	1	5
LR7-250	2-1/2"	4-1/4"	9-1/18"	5-17/20"	10-5/7"	4-1/4"	-	1
LR7-300	3"	4-1/4"	9-1/18"	5-17/20"	10-5/7"	4-1/4"	-	1
LR7-350	3-1/2"	5-3/10"	11"	7"	12-4/5"	5-3/10"	-	1
LR7-400	4"	5-3/10"	11"	7"	12-4/5"	5-3/10"	-	1

**SAND CAST CLASS 30
GRAY IRON ALLOY
THREADED CONDUIT BODIES
"LL" SERIES
FORM 7**

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 7 conduit bodies
- ▶ Suitable for wet location when used with gasket and cover
- ▶ Use with easy clip-on covers

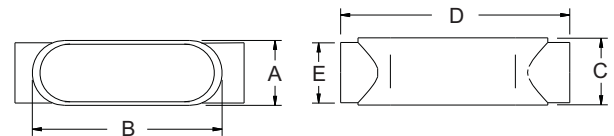


Cat. No.	Trade Size	DIMENSIONS - LL SERIES					Std. Master Pkg. Ctn.	
		A	B	C	D	E		
LL7-50	1/2"	1-6/13"	3-2/3"	1-9/20"	4-1/2"	1-2/5"	10	50
LL7-75	3/4"	1-17/26"	4-7/24"	2-1/2"	5-1/5"	1-13/20"	5	25
LL7-100	1"	1-18/23"	5-1/25"	2-4/5"	6-1/6"	1-4/5"	5	25
LL7-125	1-1/4"	2-3/14"	5-4/7"	3-1/7"	6-1/2"	2-1/5"	1	10
LL7-150	1-1/2"	2-9/20"	6-1/18"	3-2/5"	7-1/11"	2-9/20"	1	10
LL7-200	2"	3"	7-1/13"	4"	8-1/9"	3"	1	5
LL7-250	2-1/2"	4-1/4"	9-1/18"	5-17/20"	10-5/7"	4-1/4"	-	1
LL7-300	3"	4-1/4"	9-1/18"	5-17/20"	10-5/7"	4-1/4"	-	1
LL7-350	3-1/2"	5-3/10"	11"	7"	12-4/5"	5-3/10"	-	1
LL7-400	4"	5-3/10"	11"	7"	12-4/5"	5-3/10"	-	1

**SAND CAST CLASS 30
GRAY IRON ALLOY
THREADED CONDUIT BODIES
"C" SERIES
FORM 7**

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 7 conduit bodies
- ▶ Suitable for wet location when used with gasket and cover
- ▶ Use with easy clip-on covers



Cat. No.	Trade Size	DIMENSIONS - C SERIES					Std. Master Pkg. Ctn.	
		A	B	C	D	E		
C7-50	1/2"	1-7/20"	3-2/3"	1-2/5"	5-3/10"	1-1/5"	10	50
C7-75	3/4"	1-13/20"	4-7/24"	1-13/20"	6-4/25"	1-1/2"	5	25
C7-100	1"	1-4/5"	5-1/25"	1-4/5"	7-3/10"	1-18/23"	5	25
C7-125	1-1/4"	2-1/5"	5-4/7"	2-1/5"	7-3/7"	2-3/14"	1	10
C7-150	1-1/2"	2-9/20"	6-1/18"	2-9/20"	8-4/25"	2-9/20"	1	10
C7-200	2"	3"	7-1/13"	3"	9-3/23"	3"	1	5
C7-250	2-1/2"	4-1/4"	9-1/18"	4-1/4"	12-9/25"	3-9/20"	-	1
C7-300	3"	4-1/4"	9-1/18"	4-1/4"	12-9/25"	4-1/4"	-	1

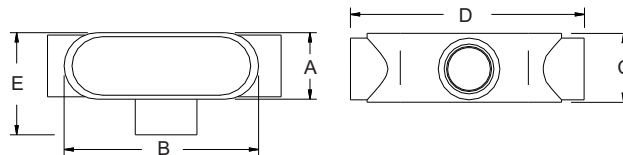
**SAND CAST CLASS 30
GRAY IRON ALLOY
THREADED CONDUIT BODIES
"T" SERIES
FORM 7**

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 7 conduit bodies
- ▶ Suitable for wet location when used with gasket and cover
- ▶ Use with easy clip-on covers



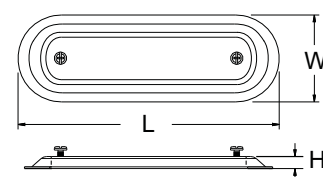
Cat. No.	Trade Size	DIMENSIONS - T SERIES					Std. Master Pkg. Ctn.	
		A	B	C	D	E		
T7-50	1/2"	1-3/5"	3-2/3"	1-3/4"	5-3/10"	2-12/25"	5	50
T7-75	3/4"	1-9/11"	4-7/24"	2"	6-4/25"	2-18/25"	5	25
T7-100	1"	2"	5-1/25"	2-7/25"	7-3/10"	3"	2	20
T7-125	1-1/4"	2-3/14"	5-4/7"	2-3/10"	7-3/7"	3-1/7"	1	10
T7-150	1-1/2"	2-9/20"	6-1/18"	2-3/5"	8-4/25"	3-2/5"	1	10
T7-200	2"	3"	7-1/13"	3-1/7"	9-3/23"	4"	1	5
T7-250	2-1/2"	4-1/4"	9-1/18"	3-16/25"	12-9/25"	5-17/20"	-	1
T7-300	3"	4-1/4"	9-1/18"	4-9/20"	12-9/25"	5-17/20"	-	1
T7-350	3-1/2"	5-3/10"	11"	4-23/25"	14-1/2"	7"	-	1
T7-400	4"	5-3/10"	11"	4-23/25"	14-1/2"	7"	-	1



**STAMPED STEEL
WEDGENUT COVERS
WITH INTEGRAL GASKETS
FORM 7**

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Usable with all other Form 7 conduit bodies
- ▶ Integral sealing gaskets
- ▶ Easy installation and removal



Cat. No.	Trade Size	L			Std. Master Pkg. Ctn.	
		L	W	H		
SCG7-50	1/2"	3-2/3"	1-9/26"	2/7"	50	250
SCG7-75	3/4"	4-7/24"	1-5/9"	2/7"	50	250
SCG7-100	1"	5-1/25"	1-18/23"	2/7"	25	200
SCG7-125	1-1/4"	5-4/7"	2-5/27"	2/7"	20	100
SCG7-150	1-1/2"	6-1/18"	2-9/20"	2/7"	20	100
SCG7-200	2"	7-1/13"	3"	2/7"	10	50
SCG7-250/300	2-1/2" - 3"	9-1/18"	4-1/4"	1/2"	-	10
SCG7-350/400	3-1/2" - 4"	11"	5-3/10"	1/2"	-	10

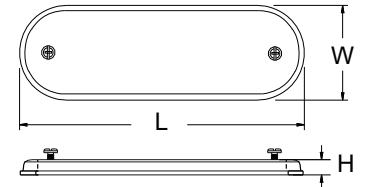
GRAY IRON WEDGENUT COVERS WITH INTEGRAL GASKETS FORM 7

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Usable with all other Form 7 conduit bodies
- ▶ Integral sealing gaskets
- ▶ Easy installation and removal



Cat. No.	Trade Size	L	W	H	Std. Pkg.	Master Ctn.
GICG7-50	1/2"	3-2/3"	1-9/26"	5/9"	25	125
GICG7-75	3/4"	4-7/24"	1-5/9"	5/9"	25	125
GICG7-100	1"	5-1/25"	1-18/23"	9/14"	10	100
GICG7-125	1-1/4"	5-4/7"	2-5/27"	2/3"	10	50
GICG7-150	1-1/2"	6-1/18"	2-1/3"	2/3"	10	50
GICG7-200	2"	7-1/13"	3"	3/4"	-	10
GICG7-250/300	2-1/2" - 3"	9-1/18"	4-1/4"	3/4"	-	10
GICG7-350/400	3-1/2" - 4"	11"	5-1/3"	5/6"	-	10



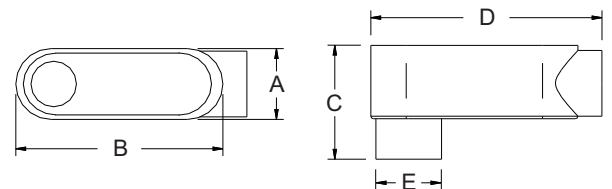
SAND CAST CLASS 30 GRAY IRON ALLOY THREADED CONDUIT BODIES "LB" SERIES FORM 8

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 8 conduit bodies
- ▶ Suitable for wet location when used with gasket and cover



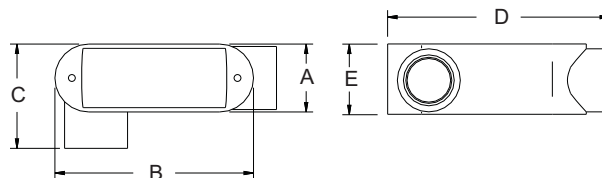
Cat. No.	Trade Size	DIMENSIONS - LB SERIES					Std. Master Pkg. Ctn.	
		A	B	C	D	E		
LB8-50	1/2"	1-6/13"	4-8/29"	2-3/11"	5-1/8"	1-1/4"	10	50
LB8-75	3/4"	1-13/20"	4-9/10"	2-15/28"	5-4/5"	1-1/2"	5	25
LB8-100	1"	1-17/20"	5-5/8"	2-9/10"	6-3/5"	1-3/4"	5	25
LB8-125	1-1/4"	2-6/25"	6-2/3"	3-1/4"	7-3/4"	2-1/5"	1	10
LB8-150	1-1/2"	2-22/27"	7-15/16"	3-2/3"	9-1/6"	2-9/20"	1	10
LB8-200	2"	3-9/11"	9-4/5"	4-2/3"	11-2/25"	2-9/10"	1	5
LB8-250	2-1/2"	5-1/17"	12-1/3"	6-3/20"	14-3/10"	3-9/26"	-	1
LB8-300	3"	5-1/17"	12-1/3"	6-5/27"	14-3/10"	4-1/10"	-	1
LB8-350	3-1/2"	6-3/10"	15-1/10"	7-1/5"	16-9/10"	4-3/5"	-	1
LB8-400	4"	6-3/10"	15-1/10"	7-1/4"	16-13/15"	5-1/4"	-	1



**SAND CAST CLASS 30
GRAY IRON ALLOY
THREADED CONDUIT BODIES
"LR" SERIES
FORM 8**

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 8 conduit bodies
- ▶ Suitable for wet location when used with gasket and cover

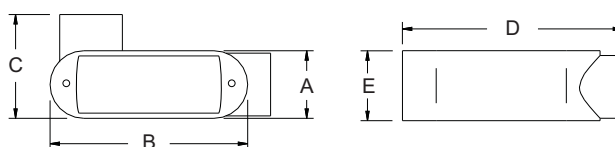


Cat. No.	Trade Size	DIMENSIONS - LR SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
LR8-50	1/2"	1-6/13"	4-8/29"	2-6/25"	5-1/8"	1-9/20"	10	50
LR8-75	3/4"	1-13/20"	4-9/10"	2-9/20"	5-4/5"	1-7/10"	5	25
LR8-100	1"	1-17/20"	5-5/8"	2-19/25"	6-3/5"	2"	5	25
LR8-125	1-1/4"	2-6/25"	6-2/3"	3-1/6"	7-3/4"	2-3/10"	1	10
LR8-150	1-1/2"	2-22/27"	7-15/16"	3-4/5"	9-1/16"	2-2/3"	1	10
LR8-200	2"	3-9/11"	9-4/5"	4-13/14"	11-1/13"	3-13/23"	1	5
LR8-250	2-1/2"	5-1/17"	12-1/3"	6-17/26"	14-3/10"	4-11/20"	-	1
LR8-300	3"	5-1/17"	12-1/3"	6-17/26"	14-3/10"	4-11/20"	-	1

**SAND CAST CLASS 30
GRAY IRON ALLOY
THREADED CONDUIT BODIES
"LL" SERIES
FORM 8**

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 8 conduit bodies
- ▶ Suitable for wet location when used with gasket and cover



Cat. No.	Trade Size	DIMENSIONS - LL SERIES					Std. Pkg.	Master Ctn.
		A	B	C	D	E		
LL8-50	1/2"	1-6/13"	4-8/29"	2-6/25"	5-1/8"	1-9/20"	10	50
LL8-75	3/4"	1-13/20"	4-9/10"	2-9/20"	5-4/5"	1-7/10"	5	25
LL8-100	1"	1-17/20"	5-5/8"	2-19/25"	6-3/5"	2"	5	25
LL8-125	1-1/4"	2-6/25"	6-2/3"	3-1/6"	7-3/4"	2-3/10"	1	10
LL8-150	1-1/2"	2-22/27"	7-15/16"	3-4/5"	9-1/16"	2-2/3"	1	10
LL8-200	2"	3-9/11"	9-4/5"	4-13/14"	11-1/13"	3-13/23"	1	5
LL8-250	2-1/2"	5-1/17"	12-1/3"	6-17/26"	14-3/10"	4-11/20"	-	1
LL8-300	3"	5-1/17"	12-1/3"	6-17/26"	14-3/10"	4-11/20"	-	1

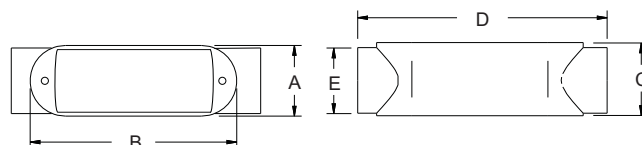
**SAND CAST CLASS 30
GRAY IRON ALLOY
THREADED CONDUIT BODIES
"C" SERIES
FORM 8**

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 8 conduit bodies
- ▶ Suitable for wet location when used with gasket and cover



Cat. No.	Trade Size	DIMENSIONS - C SERIES					Std. Master Pkg. Ctn.	
		A	B	C	D	E		
C8-50	1/2"	1-6/13"	4-8/29"	1-9/20"	6"	1-1/4"	10	50
C8-75	3/4"	1-13/20"	4-9/10"	1-7/10"	6-2/3"	1-1/2"	5	25
C8-100	1"	1-17/20"	5-5/8"	2"	7-11/20"	1-3/4"	5	25
C8-125	1-1/4"	2-6/25"	6-2/3"	2-3/10"	8-4/5"	2-1/5"	1	10
C8-150	1-1/2"	2-22/27"	7-15/16"	2-2/3"	10-1/5"	2-3/7"	1	10
C8-200	2"	3-9/11"	9-4/5"	3-13/23"	12-7/19"	2-9/10"	1	5
C8-250	2-1/2"	5-1/17"	12-1/3"	4-11/20"	16-8/35"	3-9/26"	-	1
C8-300	3"	5-1/17"	12-1/3"	4-11/20"	16-8/35"	4-1/11"	-	1



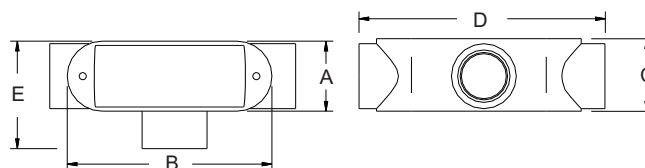
**SAND CAST CLASS 30
GRAY IRON ALLOY
THREADED CONDUIT BODIES
"T" SERIES
FORM 8**

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Flat back design for maximum internal wiring volume
- ▶ Interchangeable with other Form 8 conduit bodies
- ▶ Suitable for wet location when used with gasket and cover



Cat. No.	Trade Size	DIMENSIONS - T SERIES					Std. Master Pkg. Ctn.	
		A	B	C	D	E		
T8-50	1/2"	1-9/20"	4-8/29"	1-3/4"	6"	2-1/4"	5	25
T8-75	3/4"	1-13/20"	4-9/10"	2"	6-2/3"	2-9/20"	5	25
T8-100	1"	1-17/20"	5-5/8"	2-3/11"	7-11/20"	2-3/4"	2	20
T8-125	1-1/4"	2-6/25"	6-2/3"	2-3/10"	8-4/5"	3-1/6"	1	10
T8-150	1-1/2"	2-22/27"	7-15/16"	2-2/3"	10-1/5"	3-4/5"	1	10
T8-200	2"	3-9/11"	9-4/5"	3-14/25"	12-7/20"	4-13/14"	1	5
T8-250	2-1/2"	5-1/17"	12-1/3"	4-11/20"	16-1/5"	6-17/26"	-	1
T8-300	3"	5-1/17"	12-1/3"	4-11/20"	16-1/5"	6-17/26"	-	1



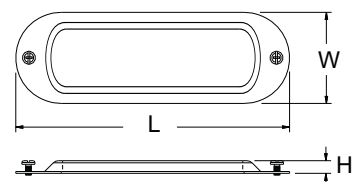
STAMPED STEEL COVERS WITH INTEGRAL GASKETS FORM 8

PRODUCT FEATURES

- ▶ Stainless Screws
- ▶ Zinc electroplated
- ▶ Integral sealing gaskets
- ▶ Usable with all other Form 8 conduit bodies



Cat. No.	Trade Size	L	W	H	Std. Pkg.
SCG8-50	1/2"	4-8/29"	1-9/20"	1/4"	50
SCG8-75	3/4"	4-15/17"	1-3/5"	1/4"	50
SCG8-100	1"	5-5/8"	1-17/20"	1/4"	25
SCG8-125	1-1/4"	6-3/5"	2-1/5"	1/4"	20
SCG8-150	1-1/2"	7-10/11"	2-3/4"	1/3"	20
SCG8-200	2"	9-3/4"	3-3/4"	2/5"	10
SCG8-250/300	2-1/2" - 3"	12-1/4"	5-1/23"	13/22"	5
SCG8-350/400	3-1/2" - 4"	15"	6-8/29"	17/24"	5



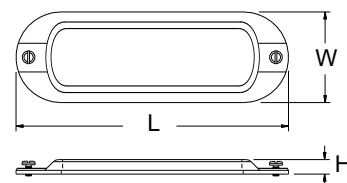
GRAY IRON COVERS WITH INTEGRAL GASKETS FORM 8

PRODUCT FEATURES

- ▶ Stainless Screws
- ▶ Zinc electroplated
- ▶ Integral sealing gaskets
- ▶ Usable with all other Form 8 conduit bodies



Cat. No.	Trade Size	L	W	H	Std. Pkg.
GICG8-50	1/2"	4-8/29"	1-9/20"	2/5"	50
GICG8-75	3/4"	4-15/17"	1-13/20"	2/5"	50
GICG8-100	1"	5-5/8"	1-17/20"	2/5"	25
GICG8-125	1-1/4"	6-9/13"	2-1/5"	9/16"	20
GICG8-150	1-1/2"	7-15/16"	2-22/27"	9/10"	20
GICG8-200	2"	9-7/9"	3-9/11"	1-1/8"	10
GICG8-250/300	2-1/2" - 3"	12-7/20"	5-1/18"	1-1/2"	5
GICG8-350/400	3-1/2" - 4"	15"	6-3/10"	1-1/2"	5



MALLEABLE IRON

1-GANG CAST DEVICE BOXES DEAD END 2" DEEP

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Dead-end configurations
- ▶ For both outdoor and indoor use



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
1MFS-50	1/2"	1	5
1MFS-75	3/4"	1	5
1MFS-100	1"	1	5



MALLEABLE IRON

1-GANG DEEP CAST DEVICE BOXES DEAD END 2-7/10" DEEP

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Dead-end configurations
- ▶ For both outdoor and indoor use



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
1MFD-50	1/2"	1	5
1MFD-75	3/4"	1	5
1MFD-100	1"	1	5



MALLEABLE IRON

1-GANG CAST DEVICE BOXES FEED THROUGH 2" DEEP

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Feed Through configurations
- ▶ For both outdoor and indoor use



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
1MFSC-50	1/2"	1	5
1MFSC-75	3/4"	1	5
1MFSC-100	1"	1	5



MALLEABLE IRON

1-GANG DEEP CAST DEVICE BOXES FEED THROUGH 2-7/10" DEEP

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ Feed Through configurations
- ▶ For both outdoor and indoor use



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
1MFDC-50	1/2"	1	5
1MFDC-75	3/4"	1	5
1MFDC-100	1"	1	5



MALLEABLE IRON

1-GANG CAST DEVICE BOX COVERS

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ For use with FS&FD cast device box



Cat. No.	Description	Std. Pkg.
1MFC-B		20
1MFC-D	Duplex	20
1MFC-TS	Guarded Toggle Switch	20



STEEL

1-GANG CAST DEVICE BOX COVERS

PRODUCT FEATURES

- ▶ Zinc electroplated
- ▶ For use with FS&FD cast device box

Cat. No.	Description	Std. Pkg.
1SFC-B		25
1SFC-D	Duplex	25
1SFC-TS	Unguarded Toggle Switch	25
1SFC-G	GFI	25



NEOPRENE

1-GANG CAST DEVICE BOX GASKET

PRODUCT FEATURES

- ▶ For use with FS&FD cast device box

Cat. No.	Description	Std. Pkg.
FG-1	Neoprene Gasket	50





MALLEABLE IRON CONDUIT CLAMPS EDGE TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.
MCCE-50	1/2"	50
MCCE-75	3/4"	50
MCCE-100	1"	25
MCCE-125	1-1/4"	25
MCCE-150	1-1/2"	25
MCCE-200	2"	25
MCCE-250	2-1/2"	10
MCCE-300	3"	10



MCCE-50



MCCE-100

MALLEABLE IRON CONDUIT CLAMPS RIGHT ANGLE TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.
MCCR-50	1/2"	50
MCCR-75	3/4"	50
MCCR-100	1"	50
MCCR-125	1-1/4"	50
MCCR-150	1-1/2"	50
MCCR-200	2"	50
MCCR-250	2-1/2"	25
MCCR-300	3"	25
MCCR-350	3-1/2"	25
MCCR-400	4"	25



MCCR-50



MCCR-100

MALLEABLE IRON CONDUIT CLAMPS PARALLEL TYPE

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.
MCCP-50	1/2"	50
MCCP-75	3/4"	50
MCCP-100	1"	50
MCCP-125	1-1/4"	25
MCCP-150	1-1/2"	25
MCCP-200	2"	25
MCCP-250	2-1/2"	10
MCCP-300	3"	10
MCCP-350	3-1/2"	10
MCCP-400	4"	10



MCCP-50



MCCP-100



STEEL U-BOLTS WITH HEX NUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SUB-50	1/2"	25	250
SUB-75	3/4"	25	250
SUB-100	1"	25	250
SUB-125	1-1/4"	20	200
SUB-150	1-1/2"	20	200
SUB-200	2"	20	200
SUB-250	2-1/2"	-	10
SUB-300	3"	-	10
SUB-350	3-1/2"	-	10
SUB-400	4"	-	10

MALLEABLE IRON 1-HOLE RIGID STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SRM1-50	1/2"	100	1000
SRM1-75	3/4"	50	500
SRM1-100	1"	25	250
SRM1-125	1-1/4"	20	200
SRM1-150	1-1/2"	10	100
SRM1-200	2"	10	50
SRM1-250	2-1/2"	-	25
SRM1-300	3"	-	25
SRM1-350	3-1/2"	-	10
SRM1-400	4"	-	10

MALLEABLE IRON CLAMP BACK SPACERS



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CBS-50	1/2"	25	250
CBS-75	3/4"	25	250
CBS-100	1"	25	250
CBS-125	1-1/4"	10	100
CBS-150	1-1/2"	10	100
CBS-200	2"	5	50
CBS-250	2-1/2"	-	25
CBS-300	3"	-	10
CBS-350	3-1/2"	-	10
CBS-400	4"	-	10

MALLEABLE IRON BEAM CLAMPS

PRODUCT FEATURES

- ▶ Single Screw
- ▶ 2 Threaded Holes



Cat. No.	Description	Std. Pkg.	Master Ctn.
BCM-25	1/4"-20 Tap, 3/4" Jaw, 125 lb. Load	50	250
BCM-38	3/8"-16 Tap, 7/8" Jaw, 300 lb. Load	25	100
BCM-50	1/2"-13 Tap, 1" Jaw, 600 lb. Load	10	50

STEEL BEAM CLAMPS

PRODUCT FEATURES

- ▶ Single Screw
- ▶ 2 Threaded Holes



Cat. No.	Description	Std. Pkg.	Master Ctn.
BC-25	1/4"-20 Tap, 3/4" Jaw, 100 lb. Load	50	250
BC-38	3/8"-16 Tap, 7/8" Jaw, 200 lb. Load	25	100

STEEL UNIVERSAL STRUT CLAMPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Listed for EMT, IMC and RIGID



Cat. No.	EMT/RIGID Size	Std. Pkg.
ST-50	1/2"	100
ST-75	3/4"	100
ST-100	1"	100
ST-125	1-1/4"	100
ST-150	1-1/2"	50
ST-200	2"	50
ST-250	2-1/2"	50
ST-300	3"	25
ST-350	3-1/2"	25
ST-400	4"	25

STEEL SADDLE TYPE STRUT CLAMPS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Single-Screw-Tight Clamping Action
- ▶ Wide Saddle Design



Cat. No.	EMT/RIGID Conduit Size	Std. Pkg.
STS-50	5/16" - 1/2"	100
STS-75	3/4"	100
STS-100	1"	100
STS-125	1-1/4"	50
STS-150	1-1/2"	50
STS-200	2"	50
STS-250	2-1/2"	25
STS-300	3"	25
STS-350	3-1/2"	25
STS-400	4"	25

STEEL CONDUIT HANGERS WITH BOLTS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	EMT Size	Rigid Size	Std. Pkg.	Master Ctn.
PH-50B	#0B	1/2"	1/2" & 3/8"	50	500
PH-75B	#1B	3/4"	3/4"	50	500
PH-100B	#2B	1"	1"	25	250
PH-105B	#2-1/2B	1-1/4"	-	25	250
PH-125B	#3B	1-1/2"	1-1/4"	50	250
PH-150B	#4B	-	1-1/2"	50	250
PH-200B	#5B	2"	2"	20	100
PH-250B	#6B	2-1/2"	2-1/2"	10	50
PH-300B	#7B	3"	3"	10	50
PH-350B	#8B	3-1/2"	3-1/2"	10	50
PH-400B	#9B	4"	4"	5	25



STAMPED STEEL 1-HOLE RG6U CABLE STRAP

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Description	Std. Pkg.	Master Ctn.
S1-25	RG6U (Coaxial Cable) 1-Hole Strap	100	1000



STAMPED STEEL 1-HOLE MC(BX) CABLE STRAP

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Corrosion-resistant

Cat. No.	Description	Std. Pkg.	Master Ctn.
S1-38	12-2, 12-3, 10-2, 10-3 MC (BX) 1-Hole Strap	100	1000



STAMPED STEEL 1-HOLE EMT STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
SE1-50	14GA, Heavy-Duty	1/2"	100	1000
SE1-75	14GA, Heavy-Duty	3/4"	100	1000
SE1-100	14GA, Heavy-Duty	1"	100	500
SE1-125	12GA, Heavy-Duty	1-1/4"	100	500
SE1-150	12GA, Heavy-Duty	1-1/2"	50	500
SE1-200	12GA, Heavy-Duty	2"	50	500
SU1-250	9GA, Heavy-Duty	2-1/2"	25	100
SU1-300	9GA, Heavy-Duty	3"	25	100
SU1-350	7GA, Heavy-Duty	3-1/2"	25	100
SU1-400	7GA, Heavy-Duty	4"	25	100



SE1-50L



SE1-50 to SE1-200



SU1-250 to SU1-400

STAMPED STEEL 2-HOLE EMT STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for RIGID and IMC Conduits

Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
SE2-50	18GA, Heavy-Duty	1/2"	100	1000
SE2-75	18GA, Heavy-Duty	3/4"	100	1000
SE2-100	16GA, Heavy-Duty	1"	100	500
SE2-125	16GA, Heavy-Duty	1-1/4"	100	500
SE2-150	16GA, Heavy-Duty	1-1/2"	50	500
SE2-200	14GA, Heavy-Duty	2"	50	500
SU2-250	13GA, Heavy-Duty	2-1/2"	25	100
SU2-300	13GA, Heavy-Duty	3"	25	100
SU2-350	10GA, Heavy-Duty	3-1/2"	25	100
SU2-400	10GA, Heavy-Duty	4"	25	100



STAMPED STEEL 1-HOLE RIGID STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for EMT and IMC Conduits



Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
SR1-50	14GA, Heavy-Duty	1/2"	100	1000
SR1-75	12GA, Heavy-Duty	3/4"	100	1000
SR1-100	12GA, Heavy-Duty	1"	100	500
SR1-125	12GA, Heavy-Duty	1-1/4"	100	500
SR1-150	10GA, Heavy-Duty	1-1/2"	50	500
SR1-200	10GA, Heavy-Duty	2"	50	500
SU1-250	9GA, Heavy-Duty	2-1/2"	25	100
SU1-300	9GA, Heavy-Duty	3"	25	100
SU1-350	7GA, Heavy-Duty	3-1/2"	25	100
SU1-400	7GA, Heavy-Duty	4"	25	100



STAMPED STEEL 2-HOLE RIGID STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Sizes 2-1/2" to 4" are also listed for EMT and IMC Conduits

Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
SR2-50	20GA, Heavy-Duty	1/2"	100	1000
SR2-75	20GA, Heavy-Duty	3/4"	100	1000
SR2-100	20GA, Heavy-Duty	1"	100	500
SR2-125	19GA, Heavy-Duty	1-1/4"	100	500
SR2-150	16GA, Heavy-Duty	1-1/2"	50	500
SR2-200	16GA, Heavy-Duty	2"	50	500
SU2-250	13GA, Heavy-Duty	2-1/2"	25	100
SU2-300	13GA, Heavy-Duty	3"	25	100
SU2-350	10GA, Heavy-Duty	3-1/2"	25	100
SU2-400	10GA, Heavy-Duty	4"	25	100



MALLEABLE IRON 1-HOLE RIGID STRAPS



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SRM1-50	1/2"	100	1000
SRM1-75	3/4"	50	500
SRM1-100	1"	25	250
SRM1-125	1-1/4"	20	200
SRM1-150	1-1/2"	10	100
SRM1-200	2"	10	50
SRM1-250	2-1/2"	-	25
SRM1-300	3"	-	25
SRM1-350	3-1/2"	-	10
SRM1-400	4"	-	10



STAMPED STEEL 1-HOLE SERVICE ENTRANCE STRAPS

PRODUCT FEATURES

- ▶ Corrosion-Resistant

Cat. No.	Description	Std. Pkg.	Master Ctn.
SES1-50	Three #8, #6, #4	100	500
SES1-75	Three #3, #2	100	500
SES1-100	Three #1, #1/0, #2/0	50	250
SES1-200	Three #3/0, #4/0	25	250



STAMPED STEEL 2-HOLE SERVICE ENTRANCE STRAPS

PRODUCT FEATURES

- ▶ Corrosion-Resistant

Cat. No.	Description	Std. Pkg.	Master Ctn.
SES2-50	Three #8, #6, #4	20	100
SES2-75	Three #3, #2	20	100
SES2-100	Three #1, #1/0, #2/0	20	100
SES2-200	Three #3/0, #4/0	20	100



STAMPED STEEL NAIL STRAPS

PRODUCT FEATURES

- ▶ Electroplated Zinc

NOTES

- ▶ Varies according to sizes

Cat. No.	EMT Size	FLEX Size	Std. Pkg.	Master Ctn.
NS-50	1/2"	N/A	100	1000
NS-50/75	3/4"	1/2"	100	1000
NS-100	1"	3/4"	100	1000



PRE-GALVANIZED STEEL STUD MOUNTING CABLE SUPPORT

PRODUCT FEATURES

- ▶ Wood or Metal Stud
- ▶ Easy to Lock

Cat. No.	Description	Non-Metallic	MC/AC/BX	Std. Pkg.
CS-CJ6	Stud Mounting Cable Support with locking tab	Max. 6	Max. 4	100



Space Saving Packaging!



COPPER-FREE ALUMINUM
SERVICE ENTRANCE CAPS
CLAMP TYPE

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
EC-50	1/2"	15	90
EC-75	3/4"	10	60
EC-100	1"	7	42
EC-125	1-1/4"	5	30
EC-150	1-1/2"	4	24
EC-200	2"	4	8
EC-250	2-1/2"	1	3
EC-300	3"	1	3
EC-300L (Large Body)	3"	1	3
EC-350	3-1/2"	1	2
EC-400	4"	1	2



HEAVY-DUTY PVC
SERVICE ENTRANCE HEADS

PRODUCT FEATURES

- ▶ Snap-on Covers

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
ECP-50	1/2"	5	10
ECP-75	3/4"	2	10
ECP-100	1"	2	10
ECP-125	1-1/4"	-	5
ECP-150	1-1/2"	2	10
ECP-200	2"	2	10



HEAVY-DUTY PVC
SERVICE ENTRANCE
CABLE CAPS

PRODUCT FEATURES

- ▶ Snap-on Covers

Cat. No.	Description	Std. Pkg.
ECCP-50	#8, #6, #4, #2	10
ECCP-100	#1/0, #2/0	10
ECCP-200	#3/0, #4/0	10



HEAVY-DUTY PVC
SILL PLATE

Cat. No.	Description	Std. Pkg.	Master Ctn.
SPP	Fit (3) - #4 to (3) - #0, and 1" EMT	5	15




**ZINC DIE CAST
WATERTIGHT HUBS**
PRODUCT FEATURES

- ▶ 105°C rated Throat Insulator

NOTES

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
WH-50	1/2"	25	125
WH-75	3/4"	25	125
WH-100	1"	25	125
WH-125	1-1/4"	10	50
WH-150	1-1/2"	10	50
WH-200	2"	10	50
WH-250	2-1/2"	5	25
WH-300	3"	2	10
WH-350	3-1/2"	2	10
WH-400	4"	2	10


**ZINC DIE CAST GROUNDED
WATERTIGHT HUBS**
PRODUCT FEATURES

- ▶ 105°C rated Throat Insulator
- ▶ Grounding Post & Screw

NOTES

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
WHG-50	1/2"	25	125
WHG-75	3/4"	25	125
WHG-100	1"	25	125
WHG-125	1-1/4"	10	50
WHG-150	1-1/2"	10	50
WHG-200	2"	10	50
WHG-250	2-1/2"	5	25
WHG-300	3"	2	10
WHG-350	3-1/2"	2	10
WHG-400	4"	2	10


**MALLEABLE IRON GROUNDED
WATERTIGHT HUBS**
PRODUCT FEATURES

- ▶ 105°C rated Throat Insulator
- ▶ Grounding Screw
- ▶ Zinc Electroplated

NOTES

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MWHG-50	1/2"	25	250
MWHG-75	3/4"	25	100
MWHG-100	1"	10	100
MWHG-125	1-1/4"	5	50
MWHG-150	1-1/2"	2	20
MWHG-200	2"	2	20
MWHG-250	2-1/2"	-	10
MWHG-300	3"	-	5
MWHG-350	3-1/2"	-	5
MWHG-400	4"	-	5



MWHG-50

MWHG-150





DIE CAST ALUMINUM METER HUBS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Rain-tight

Cat. No.	Trade Size	Std. Pkg.
AMH-100	1"	10
AMH-125	1-1/4"	10
AMH-150	1-1/2"	10
AMH-200	2"	10
AMH-250	2-1/2"	10



STAMPED STEEL SNAP-IN KNOCKOUT SEALS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Held by spring tension
- ▶ For capping unused knockout holes

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
KO-50	1/2"	100	1000
KO-75	3/4"	100	1000
KO-100	1"	100	500
KO-125	1-1/4"	50	100
KO-150	1-1/2"	-	50
KO-200	2"	-	25



STAMPED STEEL THREE-PIECE KNOCKOUT SEALS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For capping unused knockout holes
- ▶ Embossed for quick self centering
- ▶ Installed using the screw and back strap

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
KO3P-50	1/2"	100	500
KO3P-75	3/4"	50	500
KO3P-100	1"	25	500
KO3P-125	1-1/4"	25	250
KO3P-150	1-1/2"	10	300
KO3P-200	2"	10	300
KO3P-250	2-1/2"	10	100
KO3P-300	3"	10	100
KO3P-350	3-1/2"	10	100
KO3P-400	4"	10	100





ZINC DIE CAST 3/4" OFFSET NIPPLES

PRODUCT FEATURES

- Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
ON-50	1/2"	25	250
ON-75	3/4"	20	200
ON-100	1"	10	100
ON-125	1-1/4"	5	50
ON-150	1-1/2"	5	50
ON-200	2"	3	30

ZINC DIE CAST 1" LONG CONDUIT CHASE NIPPLES

PRODUCT FEATURES

- Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CN-50L	1/2"	100	1000
CN-75L	3/4"	50	500
CN-100L	1"	25	250

ZINC DIE CAST CONDUIT CHASE NIPPLES

PRODUCT FEATURES

- Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CN-50	1/2"	100	1000
CN-75	3/4"	100	1000
CN-100	1"	50	500
CN-125	1-1/4"	25	250
CN-150	1-1/2"	25	250
CN-200	2"	15	90

ZINC DIE CAST INSULATED CONDUIT CHASE NIPPLES

PRODUCT FEATURES

- With Insulated Throat
- Meets Federal Spec. A-A-50553

NOTE

- Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CNI-50	1/2"	100	1000
CNI-75	3/4"	100	1000
CNI-100	1"	50	500
CNI-125	1-1/4"	25	250
CNI-150	1-1/2"	25	250
CNI-200	2"	15	90
CNI-250	2-1/2"	2	10
CNI-300	3"	2	10
CNI-350	3-1/2"	-	5
CNI-400	4"	-	5

ZINC DIE CAST BOX TO BOX CONNECTOR

PRODUCT FEATURES

- Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF781	1/2"	100	500

ZINC DIE CAST INSULATED BOX TO BOX CONNECTOR

PRODUCT FEATURES

- With Insulated Throat
- Meets Federal Spec. A-A-50553

NOTE

- Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
OF781-S	1/2"	100	500



GALVANIZED STEEL **RIGID CONDUIT NIPPLES**

PRODUCT FEATURES

- ▶ Meet UL 6 and ANSI C80.1
- ▶ NPT Thread



Cat. No.	Trade Size	Length	Std. Pkg.
RN-50-C	1/2"	1-1/8"	25
RN-50-150	1/2"	1-1/2"	25
RN-50-200	1/2"	2"	25
RN-50-250	1/2"	2-1/2"	25
RN-50-300	1/2"	3"	25
RN-50-350	1/2"	3-1/2"	25
RN-50-400	1/2"	4"	25
RN-50-500	1/2"	5"	25
RN-50-600	1/2"	6"	25
RN-50-800	1/2"	8"	25
RN-50-1000	1/2"	10"	25
RN-50-1200	1/2"	12"	25
RN-75-C	3/4"	1-3/8"	25
RN-75-150	3/4"	1-1/2"	25
RN-75-200	3/4"	2"	25
RN-75-250	3/4"	2-1/2"	25
RN-75-300	3/4"	3"	25
RN-75-350	3/4"	3-1/2"	25
RN-75-400	3/4"	4"	25
RN-75-500	3/4"	5"	25
RN-75-600	3/4"	6"	25
RN-75-800	3/4"	8"	25
RN-75-1000	3/4"	10"	25
RN-75-1200	3/4"	12"	25
RN-100-C	1"	1-1/2"	25
RN-100-200	1"	2"	25
RN-100-250	1"	2-1/2"	25
RN-100-300	1"	3"	25
RN-100-350	1"	3-1/2"	25
RN-100-400	1"	4"	25
RN-100-500	1"	5"	25
RN-100-600	1"	6"	25
RN-100-800	1"	8"	25
RN-100-1000	1"	10"	25
RN-100-1200	1"	12"	25
RN-125-C	1-1/4"	1-5/8"	25
RN-125-200	1-1/4"	2"	25
RN-125-250	1-1/4"	2-1/2"	25
RN-125-300	1-1/4"	3"	25
RN-125-350	1-1/4"	3-1/2"	25
RN-125-400	1-1/4"	4"	25
RN-125-500	1-1/4"	5"	25
RN-125-600	1-1/4"	6"	25
RN-125-800	1-1/4"	8"	25
RN-125-1000	1-1/4"	10"	25
RN-125-1200	1-1/4"	12"	25
RN-150-C	1-1/2"	1-3/4"	25
RN-150-200	1-1/2"	2"	25
RN-150-250	1-1/2"	2-1/2"	25
RN-150-300	1-1/2"	3"	25
RN-150-350	1-1/2"	3-1/2"	25
RN-150-400	1-1/2"	4"	25
RN-150-500	1-1/2"	5"	25
RN-150-600	1-1/2"	6"	25
RN-150-800	1-1/2"	8"	25
RN-150-1000	1-1/2"	10"	25
RN-150-1200	1-1/2"	12"	25
RN-200-C	2"	2"	25
RN-200-250	2"	2-1/2"	25
RN-200-300	2"	3"	25
RN-200-350	2"	3-1/2"	25

GALVANIZED STEEL RIGID CONDUIT NIPPLES

PRODUCT FEATURES

- ▶ Meet UL 6 and ANSI C80.1
- ▶ NPT Thread



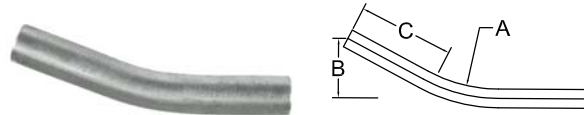
Cat. No.	Trade Size	Length	Std. Pkg.
RN-200-400	2"	4"	25
RN-200-500	2"	5"	25
RN-200-600	2"	6"	25
RN-200-800	2"	8"	25
RN-200-1000	2"	10"	25
RN-200-1200	2"	12"	25
RN-250-C	2-1/2"	2-1/2"	30
RN-250-300	2-1/2"	3"	25
RN-250-350	2-1/2"	3-1/2"	15
RN-250-400	2-1/2"	4"	15
RN-250-500	2-1/2"	5"	15
RN-250-600	2-1/2"	6"	10
RN-250-800	2-1/2"	8"	5
RN-250-1000	2-1/2"	10"	5
RN-250-1200	2-1/2"	12"	5
RN-300-C	3"	2-5/8"	9
RN-300-300	3"	3"	9
RN-300-350	3"	3-1/2"	9
RN-300-400	3"	4"	9
RN-300-500	3"	5"	9
RN-300-600	3"	6"	9
RN-300-800	3"	8"	9
RN-300-1000	3"	10"	9
RN-300-1200	3"	12"	9
RN-350-C	3-1/2"	2-3/4"	9
RN-350-400	3-1/2"	4"	9
RN-350-500	3-1/2"	5"	9
RN-350-600	3-1/2"	6"	9
RN-350-800	3-1/2"	8"	9
RN-350-1000	3-1/2"	10"	9
RN-350-1200	3-1/2"	12"	9
RN-400-C	4"	2-7/8"	9
RN-400-400	4"	4"	9
RN-400-500	4"	5"	9
RN-400-600	4"	6"	9
RN-400-800	4"	8"	4
RN-400-1000	4"	10"	4
RN-400-1200	4"	12"	4
RN-500-C	5"	3"	4
RN-500-500	5"	5"	4
RN-500-600	5"	6"	4
RN-500-800	5"	8"	4
RN-500-1000	5"	10"	4
RN-500-1200	5"	12"	4
RN-600-C	6"	3-1/8"	4
RN-600-500	6"	5"	4
RN-600-600	6"	6"	4
RN-600-800	6"	8"	4
RN-600-1000	6"	10"	4
RN-600-1200	6"	12"	4

GALVANIZED STEEL 22.5° ANGLE EMT CONDUIT ELBOWS

PRODUCT FEATURES

- Meet UL 797 and ANSI C80.3

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		Min. UL Radius (A)	Offset (B)	Straight Length (C)	
EEL22-50	1/2"	4"	1-5/16"	2-5/8"	50
EEL22-75	3/4"	4-1/2"	1-7/16"	2-3/4"	50
EEL22-100	1"	5-3/4"	1-9/16"	2-7/8"	25
EEL22-125	1-1/4"	7-1/4"	1-3/4"	3-1/16"	20
EEL22-150	1-1/2"	8-1/4"	2"	3-1/2"	15
EEL22-200	2"	9-1/2"	2-5/16"	4-1/8"	10
EEL22-250	2-1/2"	10-1/2"	2-3/4"	5-1/16"	BULK
EEL22-300	3"	13"	3-1/4"	5-15/16"	BULK
EEL22-350	3-1/2"	15"	3-11/16"	6-11/16"	BULK
EEL22-400	4"	16"	3-15/16"	7"	BULK



GALVANIZED STEEL 45° ANGLE EMT CONDUIT ELBOWS

PRODUCT FEATURES

- Meet UL 797 and ANSI C80.3

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		Min. UL Radius (A)	Offset (B)	Straight Length (C)	
EEL45-50	1/2"	4"	3-1/16"	2-11/16"	50
EEL45-75	3/4"	4-1/2"	3-1/4"	2-3/4"	50
EEL45-100	1"	5-3/4"	3-13/16"	3"	25
EEL45-125	1-1/4"	7-1/4"	4-7/16"	3-1/4"	20
EEL45-150	1-1/2"	8-1/4"	4-15/16"	3-1/2"	15
EEL45-200	2"	9-1/2"	5-13/16"	4-5/16"	10
EEL45-250	2-1/2"	10-1/2"	6-11/16"	5-1/8"	BULK
EEL45-300	3"	13"	8-1/8"	6-1/8"	BULK
EEL45-350	3-1/2"	15"	9-3/16"	6-3/4"	BULK
EEL45-400	4"	16"	9-3/4"	7-1/16"	BULK

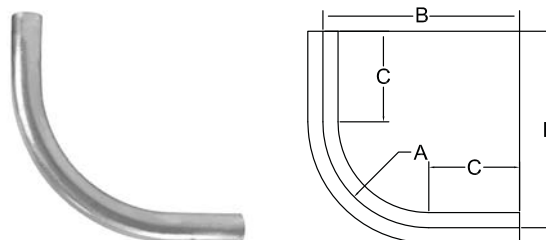


GALVANIZED STEEL 90° ANGLE EMT CONDUIT ELBOWS

PRODUCT FEATURES

- Meet UL 797 and ANSI C80.3

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		Min. UL Radius (A)	Offset (B)	Straight Length (C)	
EEL90-50	1/2"	4"	6-7/8"	2-7/8"	50
EEL90-75	3/4"	4-1/2"	7-7/16"	2-15/16"	50
EEL90-100	1"	5-3/4"	8-3/4"	3"	25
EEL90-125	1-1/4"	7-1/4"	10-9/16"	3-5/16"	20
EEL90-150	1-1/2"	8-1/4"	11-15/16"	3-5/8"	15
EEL90-200	2"	9-1/2"	13-3/4"	4-1/4"	10
EEL90-250	2-1/2"	10-1/2"	15-3/4"	5-1/4"	BULK
EEL90-300	3"	13"	19-1/8"	6-1/8"	BULK
EEL90-350	3-1/2"	15"	21-3/4"	6-3/4"	BULK
EEL90-400	4"	16"	23-1/8"	7-1/8"	BULK





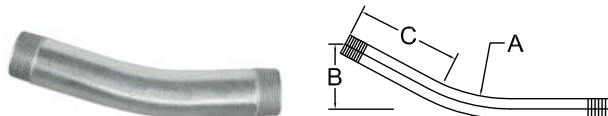
GALVANIZED STEEL

22.5° ANGLE RIGID CONDUIT ELBOWS

PRODUCT FEATURES

- ▶ Meet UL 6 and ANSI C80.1
- ▶ NPT Thread

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		Min. UL Radius (A)	Offset (B)	Straight Length (C)	
REL22-50	1/2"	4"	1-5/16"	2-5/8"	50
REL22-75	3/4"	4-1/2"	1-7/16"	2-3/4"	50
REL22-100	1"	5-3/4"	1-9/16"	2-7/8"	25
REL22-125	1-1/4"	7-1/4"	1-3/4"	3-1/16"	20
REL22-150	1-1/2"	8-1/4"	2"	3-1/2"	15
REL22-200	2"	9-1/2"	2-5/16"	4-1/8"	10
REL22-250	2-1/2"	10-1/2"	2-3/4"	5-1/16"	BULK
REL22-300	3"	13"	3-1/4"	5-15/16"	BULK
REL22-350	3-1/2"	15"	3-11/16"	6-11/16"	BULK
REL22-400	4"	16"	3-15/16"	7"	BULK



GALVANIZED STEEL

45° ANGLE RIGID CONDUIT ELBOWS

PRODUCT FEATURES

- ▶ Meet UL 6 and ANSI C80.1
- ▶ NPT Thread

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		Min. UL Radius (A)	Offset (B)	Straight Length (C)	
REL45-50	1/2"	4"	3-1/16"	2-11/16"	50
REL45-75	3/4"	4-1/2"	3-1/4"	2-3/4"	50
REL45-100	1"	5-3/4"	3-13/16"	3"	25
REL45-125	1-1/4"	7-1/4"	4-7/16"	3-1/4"	20
REL45-150	1-1/2"	8-1/4"	4-15/16"	3-1/2"	15
REL45-200	2"	9-1/2"	5-13/16"	4-5/16"	10
REL45-250	2-1/2"	10-1/2"	6-11/16"	5-1/8"	BULK
REL45-300	3"	13"	8-1/8"	6-1/8"	BULK
REL45-350	3-1/2"	15"	9-3/16"	6-3/4"	BULK
REL45-400	4"	16"	9-3/4"	7-1/16"	BULK



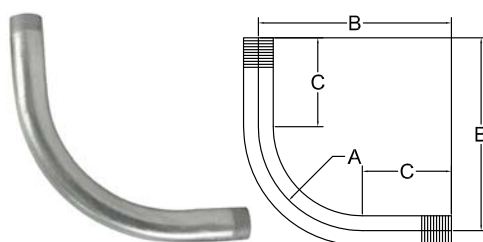
GALVANIZED STEEL

90° ANGLE RIGID CONDUIT ELBOWS

PRODUCT FEATURES

- ▶ Meet UL 6 and ANSI C80.1
- ▶ NPT Thread

Cat. No.	Trade Size	DIMENSIONS			Std. Pkg.
		Min. UL Radius (A)	Offset (B)	Straight Length (C)	
REL90-50	1/2"	4"	6-7/8"	2-7/8"	50
REL90-75	3/4"	4-1/2"	7-7/16"	2-15/16"	50
REL90-100	1"	5-3/4"	8-3/4"	3"	25
REL90-125	1-1/4"	7-1/4"	10-9/16"	3-5/16"	20
REL90-150	1-1/2"	8-1/4"	11-15/16"	3-5/8"	15
REL90-200	2"	9-1/2"	13-3/4"	4-1/4"	10
REL90-250	2-1/2"	10-1/2"	15-3/4"	5-1/4"	BULK
REL90-300	3"	13"	19-1/8"	6-1/8"	BULK
REL90-350	3-1/2"	15"	21-3/4"	6-3/4"	BULK
REL90-400	4"	16"	23-1/8"	7-1/8"	BULK



MACHINED STEEL REDUCING BUSHINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Meets Federal Spec. A-A-50553

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
RB-50/38	1/2" to 3/8"	100	500
RB-75/50	3/4" to 1/2"	100	500
RB-100/50	1" to 1/2"	50	250
RB-100/75	1" to 3/4"	50	250
RB-125/50	1-1/4" to 1/2"	20	100
RB-125/75	1-1/4" to 3/4"	20	100
RB-125/100	1-1/4" to 1"	20	100
RB-150/50	1-1/2" to 1/2"	10	50
RB-150/75	1-1/2" to 3/4"	10	50
RB-150/100	1-1/2" to 1"	10	50
RB-150/125	1-1/2" to 1-1/4"	10	50
RB-200/50	2" to 1/2"	10	50
RB-200/75	2" to 3/4"	10	50
RB-200/100	2" to 1"	10	50
RB-200/125	2" to 1-1/4"	10	50
RB-200/150	2" to 1-1/2"	10	50
RB-250/200*	2-1/2" to 2"	10	50
RB-300/200*	3" to 2"	10	50
RB-300/250*	3" to 2-1/2"	10	50
RB-350/250*	3-1/2" to 2-1/2"	5	20

*Malleable Iron



MALLEABLE IRON REDUCING BUSHINGS

PRODUCT FEATURES

- ▶ Electroplated Zinc



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MRB-350/300	3-1/2" to 3"	5	20
MRB-400/350	4" to 3-1/2"	5	20



STEEL RIGID MALE ENLARGERS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Male Size	Female Size	Std. Pkg.	Master Ctn.
SME-50/75	1/2"	3/4"	25	250
SME-75/100	3/4"	1"	10	100
SME-100/125	1"	1-1/4"	10	100



SME-50/75



SME-100/125

PVC PLASTIC INSULATING BUSHINGS

PRODUCT FEATURES

- ▶ 105°C Rated
- ▶ Meets Federal Spec. A-A-50553

NOTE

- ▶ Color may vary

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
PB-50	1/2"	100	1000
PB-75	3/4"	100	1000
PB-100	1"	50	500
PB-125	1-1/4"	25	250
PB-150	1-1/2"	25	250
PB-200	2"	10	100
PB-250	2-1/2"	10	100
PB-300	3"	-	20
PB-350	3-1/2"	-	20
PB-400	4"	-	10
PB-500	5"	-	10
PB-600	6"	-	10





ZINC DIE CAST CONDUIT BUSHINGS

PRODUCT FEATURES

- ▶ Full Machine-Cut Internal Threads
- ▶ Meets Federal Spec. A-A-50553

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CB-50	1/2"	100	1000
CB-75	3/4"	50	500
CB-100	1"	50	500
CB-125	1-1/4"	25	250
CB-150	1-1/2"	25	250
CB-200	2"	15	90
CB-250	2-1/2"	2	10
CB-300	3"	2	10
CB-350	3-1/2"	-	5
CB-400	4"	-	5



ZINC DIE CAST CONDUIT BUSHINGS INSULATED

PRODUCT FEATURES

- ▶ Full Machine-Cut Internal Threads
- ▶ Insulated Throat
- ▶ Meets Federal Spec. A-A-50553

NOTE

- ▶ Insulated color may vary

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CBI-50	1/2"	100	1000
CBI-75	3/4"	50	500
CBI-100	1"	50	500
CBI-125	1-1/4"	25	250
CBI-150	1-1/2"	25	250
CBI-200	2"	15	90
CBI-250	2-1/2"	2	10
CBI-300	3"	2	10
CBI-350	3-1/2"	-	5
CBI-400	4"	-	5



MALLEABLE IRON INSULATED CONDUIT BUSHINGS

PRODUCT FEATURES

- ▶ Zinc Electroplated
- ▶ 105°C rated insulated throat

NOTE

- ▶ Insulated color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MCBI-50	1/2"	100	1000
MCBI-75	3/4"	50	500
MCBI-100	1"	50	500
MCBI-125	1-1/4"	25	250
MCBI-150	1-1/2"	25	100
MCBI-200	2"	10	100
MCBI-250	2-1/2"	-	50
MCBI-300	3"	-	25
MCBI-350	3-1/2"	-	25
MCBI-400	4"	-	10
MCBI-500	5"	-	10
MCBI-600	6"	-	10



MCBI-75



MCBI-125



ZINC DIE CAST GROUND BUSHINGS INSULATED WITH UNIVERSAL LAY-IN LUG

PRODUCT FEATURES

- ▶ 105°C rated Throat Insulator



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
GBLL-50	1/2"	#14 - #4	50	500
GBLL-75	3/4"	#14 - #4	40	400
GBLL-100	1"	#14 - #4	15	150
GBLL-125	1-1/4"	#14 - #4	15	150
GBLL-125-10	1-1/4"	#14 - #1/0	20	200
GBLL-150	1-1/2"	#14 - #4	10	100
GBLL-150-10	1-1/2"	#14 - #1/0	10	100
GBLL-200	2"	#14 - #4	5	50
GBLL-200-10	2"	#14 - #1/0	10	100
GBLL-250	2-1/2"	#6 - #250MCM	5	50
GBLL-250-10	2-1/2"	#14 - #1/0	-	50
GBLL-300	3"	#6 - #250MCM	5	50
GBLL-300-10	3"	#14 - #1/0	-	50
GBLL-350	3-1/2"	#6 - #250MCM	4	40
GBLL-350-10	3-1/2"	#14 - #1/0	-	10
GBLL-400	4"	#6 - #250MCM	4	40
GBLL-400-10	4"	#14 - #1/0	-	10

MALLEABLE IRON GROUND BUSHINGS INSULATED WITH UNIVERSAL LAY-IN LUG

PRODUCT FEATURES

- ▶ 150°C rated Throat Insulator
- ▶ Full Machine-Cut Internal Threads
- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Lug Range	Std. Pkg.	Master Ctn.
MGBLL-50	1/2"	#14 - #4	50	200
MGBLL-75	3/4"	#14 - #4	25	100
MGBLL-100	1"	#14 - #4	25	100
MGBLL-125	1-1/4"	#14 - #4	10	50
MGBLL-125-10	1-1/4"	#14 - #1/0	20	200
MGBLL-150	1-1/2"	#14 - #4	10	50
MGBLL-150-10	1-1/2"	#14 - #1/0	10	100
MGBLL-200	2"	#14 - #4	10	50
MGBLL-200-10	2"	#14 - #1/0	10	100
MGBLL-250	2-1/2"	#6 - #250MCM	5	25
MGBLL-250-10	2-1/2"	#14 - #1/0	-	50
MGBLL-300	3"	#6 - #250MCM	5	25
MGBLL-300-10	3"	#14 - #1/0	-	25
MGBLL-350	3-1/2"	#6 - #250MCM	-	5
MGBLL-350-10	3-1/2"	#14 - #1/0	-	10
MGBLL-400	4"	#6 - #250MCM	-	5
MGBLL-400-10	4"	#14 - #1/0	-	10
MGBLL-500	5"	#6 - #250MCM	-	5
MGBLL-500-30	5"	#6 - #3/0	-	5
MGBLL-600	6"	#6 - #250MCM	-	5
MGBLL-600-30	6"	#6 - #3/0	-	5



PLASTIC EMT BUSHINGS

PRODUCT FEATURES

- Protects wires from damage by sharp edges of EMT
- Size 2-1/2" to 4" can be also used for Rigid, IMC and PVC conduit

NOTE

- Color may vary



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
TPB-50	1/2"	100	1000
TPB-75	3/4"	100	1000
TPB-100	1"	50	500
TPB-125	1-1/4"	25	250
TPB-150	1-1/2"	25	250
TPB-200	2"	10	100
TPB-250	2-1/2"	10	100
TPB-300	3"	-	20
TPB-350	3-1/2"	-	20
TPB-400	4"	-	10

PLASTIC NON-METALLIC CABLE QUICK-LOCK CONNECTORS

PRODUCT FEATURES

- Easy and fast installation
- Simply remove with screwdriver if necessary



PQLC-38



PQLC-75

Cat. No.	NM Cable Range	Trade Size	KO Size	Std. Pkg.	Master Ctn.
PQLC-38	14/2 - 10/3	3/8"	1/2"	100	1000
PQLC-75	14/3 - 6/3	3/4"	3/4"	50	500

PLASTIC UNIVERSAL METAL STUD GROMMET

PRODUCT FEATURES

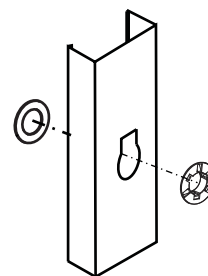
- High Strength, non-conductive polypropylene
- Universal design fits into a standard 1" Trade Size hole and all factory-punched stud holes
- Lightweight material eases installation



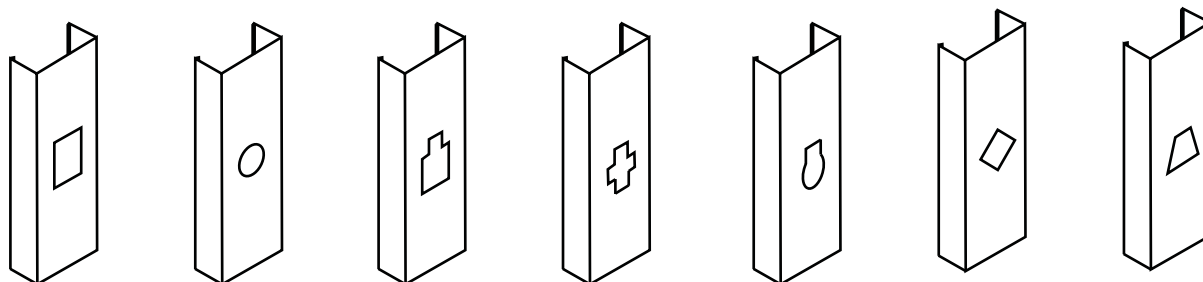
Cat. No.	Description	Std. Pkg.
PUSG	Universal Snap-in type bushings for Metal Stud, fit all factory punched metal stud holes	100

INSTALLATION INSTRUCTION:

- Step1:** Separate the two halves
Step2: Snap the bushing end and the washer end together through the hole
Step3: Install cable through the grommet



COMMON HOLE SHAPES IN METAL STUDS:



ZINC DIE CAST CONDUIT LOCKNUTS

PRODUCT FEATURES

- ▶ Full-Cut Internal Threads
- ▶ Meets Federal Spec. A-A-50553

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LN-50	1/2"	100	1000
LN-75	3/4"	100	1000
LN-100	1"	100	1000
LN-125	1-1/4"	50	500
LN-150	1-1/2"	50	500
LN-200	2"	25	250
LN-250	2-1/2"	10	100
LN-300	3"	5	50
LN-350	3-1/2"	5	50
LN-400	4"	-	25



STEEL CONDUIT LOCKNUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Full-Cut Internal Threads
- ▶ Meets Federal Spec. A-A-50553

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SLN-50	1/2"	100	1000
SLN-75	3/4"	100	1000
SLN-100	1"	100	1000
SLN-125	1-1/4"	50	500
SLN-150	1-1/2"	50	500
SLN-200	2"	25	250
SLN-250	2-1/2"	10	100
SLN-300	3"	5	50
SLN-350	3-1/2"	5	50
SLN-400	4"	-	25
SLN-500	5"	-	10
SLN-600	6"	-	10



STEEL SEALING LOCKNUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ Bonded with Molten Sealing Material
- ▶ Meets Federal Spec. A-A-50553



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SSLN-50	1/2"	100	1000
SSLN-75	3/4"	100	1000
SSLN-100	1"	100	1000
SSLN-125	1-1/4"	50	500
SSLN-150	1-1/2"	50	500
SSLN-200	2"	25	250
SSLN-250	2-1/2"	10	100
SSLN-300	3"	5	50
SSLN-350	3-1/2"	5	50
SSLN-400	4"	-	25
SSLN-500	5"	-	10
SSLN-600	6"	-	10





STEEL GROUNDING (BONDING) RIGID LOCKNUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
GL-50	1/2"	50	200
GL-75	3/4"	25	100
GL-100	1"	25	100
GL-125	1-1/4"	10	50
GL-150	1-1/2"	10	50
GL-200	2"	10	50
GL-250	2-1/2"	5	25
GL-300	3"	5	25
GL-350	3-1/2"	-	5
GL-400	4"	-	5
GL-500	5"	-	5
GL-600	6"	-	5



NYLON PLASTIC LOCKNUT

PRODUCT FEATURES

- ▶ Full-cut internal threads
- ▶ Meets Federal Spec. A-A-50553

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
PLN-38	3/8"	50	-
PLN-50	1/2"	50	-
PLN-75	3/4"	50	-
PLN-100	1"	100	-



STEEL LIQUID TIGHT SEALING RINGS

PRODUCT FEATURES

- ▶ Neoprene Rubber Gasket
- ▶ Steel Retainer
- ▶ Form Liquid tight seal between connector and box

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
LTSR-50	1/2"	250	2500
LTSR-75	3/4"	200	2000
LTSR-100	1"	150	1500
LTSR-125	1-1/4"	100	1000
LTSR-150	1-1/2"	50	500
LTSR-200	2"	50	500
LTSR-250	2-1/2"	-	100
LTSR-300	3"	-	100
LTSR-350	3-1/2"	-	50
LTSR-400	4"	-	50



GALVANIZED STAMPED STEEL REDUCING WASHERS

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
RW-75/50	3/4" to 1/2"	250	1000
RW-100/50	1" to 1/2"	250	1000
RW-100/75	1" to 3/4"	250	1000
RW-125/50	1-1/4" to 1/2"	100	400
RW-125/75	1-1/4" to 3/4"	100	400
RW-125/100	1-1/4" to 1"	100	400
RW-150/50	1-1/2" to 1/2"	-	100
RW-150/75	1-1/2" to 3/4"	-	100
RW-150/100	1-1/2" to 1"	-	100
RW-150/125	1-1/2" to 1-1/4"	-	100
RW-200/50	2" to 1/2"	-	50
RW-200/75	2" to 3/4"	-	50
RW-200/100	2" to 1"	-	50
RW-200/125	2" to 1-1/4"	-	50
RW-200/150	2" to 1-1/2"	-	50
RW-250/50	2-1/2" to 1/2"	25	100
RW-250/75	2-1/2" to 3/4"	25	100
RW-250/100	2-1/2" to 1"	25	100
RW-250/125	2-1/2" to 1-1/4"	25	100
RW-250/150	2-1/2" to 1-1/2"	25	100
RW-250/200	2-1/2" to 2"	25	100
RW-300/50	3" to 1/2"	-	25
RW-300/75	3" to 3/4"	-	25
RW-300/100	3" to 1"	-	25
RW-300/125	3" to 1-1/4"	-	25
RW-300/150	3" to 1-1/2"	-	25
RW-300/200	3" to 2"	-	25
RW-300/250	3" to 2-1/2"	-	25
RW-350/50	3-1/2" to 1/2"	-	10
RW-350/75	3-1/2" to 3/4"	-	10
RW-350/100	3-1/2" to 1"	-	10
RW-350/125	3-1/2" to 1-1/4"	-	10
RW-350/150	3-1/2" to 1-1/2"	-	10
RW-350/200	3-1/2" to 2"	-	10
RW-350/250	3-1/2" to 2-1/2"	-	10
RW-350/300	3-1/2" to 3"	-	10
RW-400/50	4" to 1/2"	-	10
RW-400/75	4" to 3/4"	-	10
RW-400/100	4" to 1"	-	10
RW-400/125	4" to 1-1/4"	-	10
RW-400/150	4" to 1-1/2"	-	10
RW-400/200	4" to 2"	-	10
RW-400/250	4" to 2-1/2"	-	10
RW-400/300	4" to 3"	-	10
RW-400/350	4" to 3-1/2"	-	10

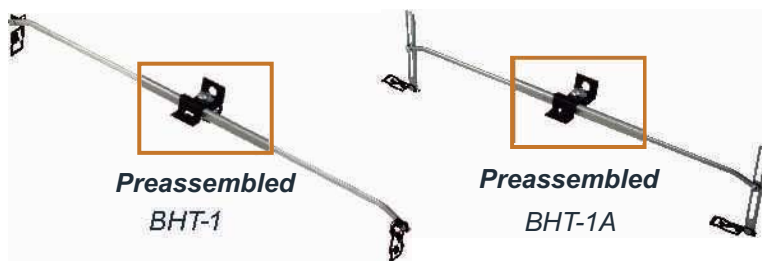


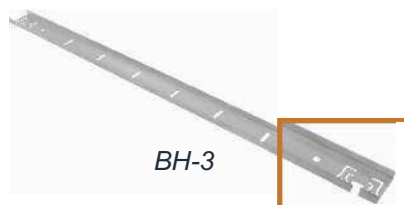
STEEL FIXED BAR HANGERS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For Stud and T-Bar

Cat. No.	Description	Master Ctn.
BHT-1	24" T-Bar bracket for use with boxes 1-1/2" or 2-1/8" Deep with BHT-C Box Clip	50
BHT-1A	24" T-Bar bracket - 8" height adjustable, with BHT-C Box Clip	50
BH-1	24" Straight bar hanger for mounting ceiling boxes, Slotted, Includes 2 Stove Bolt / Unit	50
BH-1C	24" Straight bar hanger for mounting ceiling boxes with BH-C Box Clip	50
BH-1S	20" Straight bar hanger for mounting ceiling boxes, Slotted, Includes 2 Stove Bolt / Unit	50
BH-1SC	20" Straight bar hanger for mounting ceiling boxes with BH-C Box Clip	50
BH-2NC	21" Offset (1-1/2") bar hanger for mounting boxes with ring, Slotted	50
BH-C	Additional box clip & screw set for use with BH-1, BH-1S & BH-2NC	100
BH-3	Straight bracket for architectural recess lights 25-1/4" long with notches 24" apart for use on T-Bar	50
BHT-C	Additional box clip & set screw for use with BHT-1 & BHT-1A	100


BHT-1 INSTALLATION VIEW

BH-2NC INSTALLATION VIEW

BH-3 INSTALLATION VIEW




STEEL
ADJUSTABLE BAR HANGERS

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ For Stud and T-Bar
- ▶ *For Fixture/Luminaire Support of 50 lbs or less at 16 in. Span

Cat. No.	Description	Master Ctn.
*BHA-1	Adjustable bar hanger with stud for joist spacing 16" to 24" with #3/8-18 NPS Threaded Stud	50
*BHA-1C	Adjustable bar hanger with stud for joist spacing 16" to 24" with Box Clip	50
BHA-16	11" to 18" Adjustable box bracket - Mount Box with self-tapping screws on notches Ends bend and wrap around stud - Can be used with boxes 1-1/2", 2-1/8" or 2-1/2" Deep	50
BHA-24	15-3/4" to 26" Adjustable box bracket - Mount Box with self-tapping screws on notches Ends bend and wrap around stud - Can be used with boxes 1-1/2", 2-1/8" or 2-1/2" Deep	50
ABS	Far-Side Box Support for 1-1/2" & 2-1/8" Deep Boxes, For use with 4" Metal Studs	50
ABS-6	Far-Side Box Support for 1-1/2" & 2-1/8" Deep Boxes, For use with 6" Metal Studs	50
OWG	Clips and locks old-work steel boxes tightly to wall. 2 required per box.	100



Adjusts 11" - 18"

ABS



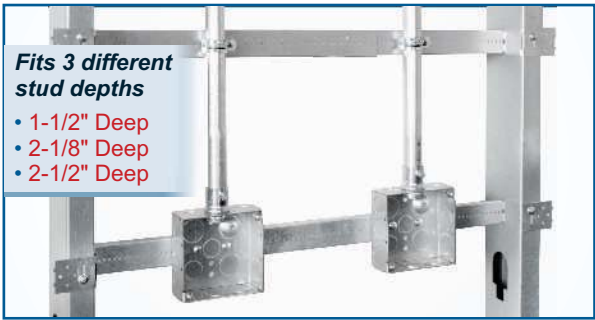
ABS-6



OWG



Adjusts 15-3/4" - 26"



BHA-24 SHOWN INSTALLED

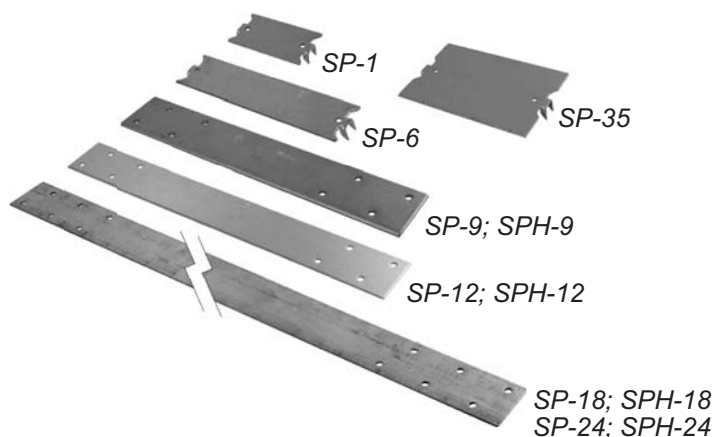


NAIL SAFETY PLATES

PRODUCT FEATURES

- Provides protection from nail and screw penetration

Cat. No.	Description	Trade Size	Std. Pkg.
SP-1	16GA Safety Plate with prongs	1.5" x 2.75"	100
SP-1-500	16GA Safety Plate with prongs	1.5" x 2.75"	500
SP-35	16GA Safety Plate with prongs	3" x 5"	100
SP-6	16GA Safety Plate with prongs	1.5" x 6"	100
SP-9	16GA Safety Plate with nail holes	1.5" x 9"	50
SP-12	16GA Safety Plate with nail holes	1.5" x 12"	50
SP-18	16GA Safety Plate with nail holes	1.5" x 18"	50
SP-24	16GA Safety Plate with nail holes	1.5" x 24"	50
SPH-9	12GA Safety Plate with nail holes	1.5" x 9"	50
SPH-12	12GA Safety Plate with nail holes	1.5" x 12"	50
SPH-18	12GA Safety Plate with nail holes	1.5" x 18"	50
SPH-24	12GA Safety Plate with nail holes	1.5" x 24"	50



SWITCH BOX SUPPORT

PRODUCT FEATURES

- Bendable Tabs

Cat. No.	Description	Std. Pkg.
SBS	20GA	100



ROOF COUPLING PLATES

PRODUCT FEATURES

- Suitable in any type of new or old work roof construction
- Allows conduit to run below the roof line, eliminating the need to spend time derating
- Different conduit stubs can be prefabricated to plate
- Maintains roof integrity by reducing support penetrations
- Can be used for through floor conduit penetrations



**Video Available
On Our Website!**

Cat. No.	Trade Size	Base Plate Size	Base Plate Thickness	Std. Pkg.
RCP-50 <small>NEW</small>	1/2"	6" x 6"	0.064"	20
RCP-75 <small>NEW</small>	3/4"	6" x 6"	0.064"	20
RCP-100 <small>NEW</small>	1"	6" x 6"	0.064"	20
RCP-125 <small>NEW</small>	1-1/4"	6" x 6"	0.064"	10
RCP-150 <small>NEW</small>	1-1/2"	8" x 8"	0.074"	10
RCP-200 <small>NEW</small>	2"	8" x 8"	0.074"	10



NEW RCP-75



NEW RCP-125

RCP INSTALLATION



EASY TRANSITION

The RCP Series allows for an easy transition of different conduit types to suit your application

STEADY SUPPORT

Once fastened, conduit movement is eliminated up to 5' above and below the roof line



**Perfect for control, fire alarm,
service receptacles and power
to electrical equipment
installation on roofs**



24GA GALVANIZED STEEL ROOF JACKS

PRODUCT FEATURES

- ▶ Uninsulated
- ▶ For Service Entrance Conduit or Ventilation Pipe
- ▶ Fits Flat to 40°



Cat. No.	Trade Size	Std. Pkg.
RJ-50	1/2"	24
RJ-75	3/4"	24
RJ-100	1"	24
RJ-125	1-1/4"	24
RJ-150	1-1/2"	24
RJ-200	2"	24
RJ-300	3"	12
RJ-400	4"	12



SCREW KITS, PLASTIC ANCHOR KIT, & EASY ANCHOR KIT

PRODUCT FEATURES

- ▶ In Plastic Partition Kits

Cat. No.	Description	Trade Size	Screw Count/Kit	Std. Pkg.
KIT-632FH	6-32 Flat Head, 1/2" to 2", Slot	#6-32	370	10
KIT-632RH	6-32 Round Head, 1/2" to 2", Slot/Phillips	#6-32	370	10
KIT-832RH	8-32 Round Head, 1/2" to 2", Slot/Phillips	#8-32	370	10
KIT-10PAK	#10 x 1" Screws & Plastic Anchors, with Masonry Drill Bit	#10 x 1"	110	10
KIT-8EZ	#8 x 1-1/2" Zinc Dry Wall Easy Anchor Kit	#8 x 1-1/2"	50	10
KIT-1032TC	#10 x 1-1/4" Tri-Combo Screw (Hex/Phillips/Slot) Self-Tapping Screw & #8-10 x 1-1/4" Anchors (One 1/4" Masonry drill bit)	#10-32 x 1-1/4"	100	10

Machine Screw Kits Screw Count

Size	Qty.
1/2"	100
3/4"	75
1"	75
1-1/4"	50
1-1/2"	40
2"	30
Total	370



KIT-632FH



KIT-632RH



KIT-832RH



KIT-10PAK



KIT-8EZ



KIT-1032TC

STEEL HANGER SCREW WITH SINGLE HOLE

PRODUCT FEATURES

- ▶ Wood Screw Thread

Cat. No.	Description	Dimension	Std. Pkg.	Master Ctn.
H-SCREW	Flat Hanger Screw	1/4" x 3"	100	500



STEEL BEAM CLAMPS

PRODUCT FEATURES

- ▶ Single Screw
- ▶ 2 Threaded Holes



Cat. No.	Description	Std. Pkg.	Master Ctn.
BC-25	1/4"-20 Tap, 3/4" Jaw, 100 lb. Load	50	250
BC-38	3/8"-16 Tap, 7/8" Jaw, 200 lb. Load	25	100

MALLEABLE IRON BEAM CLAMPS

PRODUCT FEATURES

- ▶ Single Screw
- ▶ 2 Threaded Holes



Cat. No.	Description	Std. Pkg.	Master Ctn.
BCM-25	1/4"-20 Tap, 3/4" Jaw, 125 lb. Load	50	250
BCM-38	3/8"-16 Tap, 7/8" Jaw, 300 lb. Load	25	100
BCM-50	1/2"-13 Tap, 1" Jaw, 600 lb. Load	10	50

STEEL REGULAR SPRING NUTS

PRODUCT FEATURES

- ▶ Electroplated Zinc



SNR-1420

SNR-3816

Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SNR-1420	1/4" - 20	100	600
SNR-3816	3/8" - 16	100	600
SNR-1213	1/2" - 13	100	600

STEEL JACK CHAIN

PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ 25 lbs. Max. Load
- ▶ In Steel Reel



Cat. No.	Trade Size	Std. Pkg.
JC-12	12GA	100

STEEL "S" HOOK

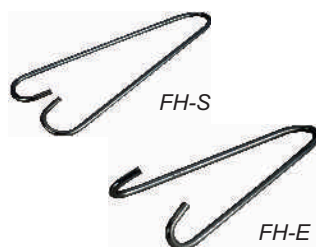
PRODUCT FEATURES

- ▶ Electroplated Zinc
- ▶ 25 lbs. Max. Load



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
SH-2	12GA, 1-1/4"	100	1000

STEEL FIXTURE HANGERS



FH-S

FH-E

Cat. No.	For Use With	Mount Position	Std. Pkg.	Master Ctn.
FH-E	2, 3, or 4 Light Fixtures	End Mount	100	500
FH-S	2, 3, or 4 Light Fixtures	Side Mount	100	500

SERVICE ENTRANCE WEDGE GRIP CLAMPS

PRODUCT FEATURES

- ▶ Designed to make quick sag adjustments.
- ▶ For use with ACSR, AAC, AAAC Service cables
- ▶ Aluminum Body
- ▶ Stainless Steel Solid Bail



Cat. No.	ACSR Wire Size	Std. Pkg.	Master Ctn.
SEWG-1	#6 - #2	10	50
SEWG-2	#4 - 1/0	5	25
SEWG-3	2/0 - 4/0	5	25

PORCELAIN WIRE HOLDERS

PRODUCT FEATURES

- ▶ Porcelain & Galvanized Steel
- ▶ Varies According to Sizes



PWH-L



PWH-M

Cat. No.	Description	Trade Size	Std. Pkg.	Master Ctn.
PWH-L	With 2-1/4" Lag Bolt	2-3/4"	5	20
PWH-M	With Steel Clip for 1-1/4" to 3" Mast	1-1/4" to 3"	5	20

BLACK ANNEALED STEEL TIE WIRE

PRODUCT FEATURES

- ▶ 16-1/2GA



Cat. No.	Description	Trade Size	Std. Pkg.
TW	Tie Wire	16GA, 400'	20

MALLEABLE IRON RIGID FLOOR FLANGES



Cat. No.	Trade Size	Std. Pkg.
FR-50	1/2"	50
FR-75	3/4"	50
FR-100	1"	50
FR-125	1-1/4"	25
FR-150	1-1/2"	25
FR-200	2"	25

MALLEABLE IRON CONCRETE SLAB INSERTS STRAIGHT



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MCSI-50	1/2"	10	100
MCSI-75	3/4"	10	100
MCSI-100	1"	10	50

MALLEABLE IRON CONCRETE SLAB INSERTS 90° ANGLE



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
MCSI90-50	1/2"	10	100
MCSI90-75	3/4"	10	100
MCSI90-100	1"	10	50

Structural Attachments



FAF14



FVF14



FM24
FM58
FM912



With Stud

FM24S
FM58S
FM912S



F2H4
F4H24
F4H58
F4H912



F4TI24
F4TI58
F4TI912



FAF144TI



BCSS



AB4
AB6



F4TI
F6TI
F6T



F4TIB
F6TIB



F4Z34
F6Z34



HOSP

Stud Wall Attachments



FFXC20



F6MF
F812MF
F16MF
F20MF



FMAC2



MSC



SOSP

Cable & Conduit Supports



F8P24
F8P58
F8P912
F12P24
F12P58
F12P912
F16P24
F16P58
F16P912



F8P24SM
F8P58SM
F8P912SM
F12P24SM
F12P58SM
F12P912SM
F16P24SM
F16P58SM
F16P912SM



F812M24
F812M58
F812M912



F812M24SM
F812M58SM



CC



CC-8
CC-12
CC-16
CC-20



F4Z34812M
F6Z34812M



F4Z348P
F6Z348P
F4Z3412P
F6Z3412P
F4Z3416P
F6Z3416P



F8P
F12P
F16P



Threaded Hole

F6M4I
F812M4I
F16M4I
F20M4I
F24M4I
F32M4I



Plain Hole

F6M
F812M
F16M
F20M
F24M
F32M

Datacom & Low Voltage



MPC



FCAT12
FCAT21
FCAT32
FCAT64



FCAT124Z34
FCAT126Z34

Visit www.orbitelectric.com for our full line of Fasteners & Straps



Wiring Devices | E

Orbit's extensive selection of wiring devices include floor boxes, sensors, receptacles, switches, wall plates and wall jacks. These high quality products are UL-Listed and come with all the parts necessary for a quick and efficient installation. Furthermore, our wiring devices feature state-of-the-art technology, ensuring that each product delivers a long-lasting and reliable performance while saving energy and improving safety.

Floor Boxes | **Pg. E1~E13**



**A SOLUTION TO FIT ALL
YOUR POWER NEEDS!**

Ensuring a flush and easy installation in any floor type, Orbit's line of Floor Boxes form a diverse selection of durable products designed to meet all your needs. Choose from 1-Gang, 2-Gang, Pop-Up, PVC boxes and more!

USB Duplex Receptacles | **Pg. E17, E26**



**CHARGE MULTIPLE
DEVICES WITH EASE**

Orbit's USB Chargers consist of a Duplex Tamper-Resistance Receptacle with two USB charger ports, retaining receptacle usage while still allowing for an adapter-free charge. Available in 15A and 20A models, each with an included wall plate.

1-GANG FLIP & ROUND PLUG TYPE **COVERS**

INCLUDES

- ▶ Cover
- ▶ Device Plate
- ▶ 20A Tamper-Resistant Receptacle
- ▶ Gasket & Screws

Assembly	Cover Only	Type	Receptacle	Finish	Std. Pkg.
FLB-D-BR*	FLB-D-C-BR	Flip	20A TR Duplex	Brass	10
FLB-D-SS*	FLB-D-C-SS	Flip	20A TR Duplex	Stainless Steel	10
FLB-R1G-BR*	FLB-R1G-C-BR	Round Plug	20A TR Duplex	Brass	10
FLB-R1G-SS*	FLB-R1G-C-SS	Round Plug	20A TR Duplex	Stainless Steel	10



FLB-D-C-BR



FLB-D-C-SS



FLB-R1G-C-BR



FLB-R1G-C-SS



Side Mount Installation (Fixed)

OR



Adjustable from 0" - 2"

EXPLODED VIEW

Complete Assembly



Flip or Round Plug Cover

Gasket

Receptacle Cover

20A Tamper Resistant Duplex Receptacle

1-Gang Adjustable Floor Box

Cover Only

**ADJUSTABLE 1-GANG FLIP
& ROUND PLUG TYPE
FLOOR BOX ASSEMBLIES**
PRODUCT FEATURES

- ▶ 125 VAC
- ▶ 20A tamper-resistant receptacle
- ▶ For use with carpet, tile or wood floors
- ▶ Adjustable floor box ideal for both new and existing work
- ▶ Includes cover, device plate, receptacle, gaskets, screws and adjustable floor box
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information visit pg. W15)



See Page E34 for Keystone Jacks

Cat. No.	Side K.O.'s	Bottom K.O.	Cu. In.
1GAB	(6) - 1/2"	(2) - 1/2"	23.5

Adjustable Steel Floor Box Only (See Page E9 for Details)



FLB-D-BR



FLB-D-SS



FLB-R1G-BR



FLB-R1G-SS



FLB-D-BR Shown Installed
Brass Adjustable 1-Gang Flip Floor Box



FLB-R1G-SS Shown Installed
Stainless Steel Adjustable 1-Gang Round Plug Floor Box

2-GANG FLIP & ROUND PLUG TYPE **COVERS**

INCLUDES

- ▶ Cover
- ▶ Device Plate
- ▶ 20A Tamper-Resistant Receptacle
- ▶ Gasket & Screws

Assembly	Cover Only	Type	Receptacle	Finish	Std. Pkg.
FLB-DD-BR*	FLB-DD-C-BR	Flip	(2) 20A TR Duplex	Brass	10
FLB-DD-SS*	FLB-DD-C-SS	Flip	(2) 20A TR Duplex	Stainless Steel	10
FLB-R2G-DD-BR*	FLB-R2G-DD-C-BR	Round Plug	(2) 20A TR Duplex	Brass	10
FLB-R2G-DD-SS*	FLB-R2G-DD-C-SS	Round Plug	(2) 20A TR Duplex	Stainless Steel	10
FLB-R2G-DL-BR	FLB-R2G-DL-C-BR	Round Plug	20A TR Duplex + Keystone Jack Holder	Brass	10
FLB-R2G-DL-SS	FLB-R2G-DL-C-SS	Round Plug	20A TR Duplex + Keystone Jack Holder	Stainless Steel	10
FLB-DL-BR	FLB-DL-C-BR	Flip	20A TR Duplex + Keystone Jack Holder	Brass	10
FLB-DL-SS	FLB-DL-C-SS	Flip	20A TR Duplex + Keystone Jack Holder	Stainless Steel	10



FLB-DD-C-BR



FLB-DD-C-SS



FLB-R2G-DD-C-BR



FLB-R2G-DD-C-SS



FLB-R2G-DL-C-BR



FLB-R2G-DL-C-SS



FLB-DL-C-BR



FLB-DL-C-SS

EXPLODED VIEW

Complete Assembly

Cover Only



- Flip or Round Plug Cover
- Gasket
- Receptacle Cover
- Duplex Receptacle/Keystone Jack Holder
- 2-Gang Adjustable Floor Box with Removable Partition



FLB-R2G-DD-BR Shown Installed
Adjustable 0" - 1"

ADJUSTABLE 2-GANG FLIP & ROUND PLUG TYPE FLOOR BOX ASSEMBLIES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ 20A tamper-resistant receptacle
- ▶ For use with carpet, tile or wood floors
- ▶ Steel floor boxes must be installed flush with finished floor prior to final installation
- ▶ Includes cover, receptacle, screws, gasket, device plates and 2-Gang Floor Box with removable partition
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information visit pg. W15)

See Page E34 for Keystone Jacks

Cat. No.	Side K.O.'s	Bottom K.O.	Cu. In.
FLB-4SEDB-2G	(2) - 1/2", (2) - 3/4" & (4) CKO	(2) - 1/2" & (2) - 3/4"	46.0

Steel Floor Box Only (See Page E10 for Details)



NEW FLB-DD-BR*



NEW FLB-DD-SS*



NEW FLB-R2G-DD-BR*



NEW FLB-R2G-DD-SS*



NEW FLB-R2G-DL-BR



NEW FLB-R2G-DL-SS



NEW FLB-DL-BR



NEW FLB-DL-SS

1-GANG POP-UP TYPE

COVERS

INCLUDES

- ▶ Cover
- ▶ 20A tamper-resistant receptacle
- ▶ Gasket
- ▶ Screws

AVAILABLE OPTIONS: FLBC-P-R

- ▶ PVC Floor Box for Concrete Slab See Page E12



FLBC-P-R

- 3 Low Voltage ports included

Assembly	Cover Only	Shape	Receptacle	Finish	Std. Pkg.
FLBPU-D-S-BR	FLBPU-D-S-C-BR	Square	20A TR Duplex	Brass	10
FLBPU-D-S-SS	FLBPU-D-S-C-SS	Square	20A TR Duplex	Stainless Steel	10
FLBPU-D-R-BR	FLBPU-D-R-C-BR	Round	20A TR Duplex	Brass	10
FLBPU-D-R-SS	FLBPU-D-R-C-SS	Round	20A TR Duplex	Stainless Steel	10
FLBPU-L-R-BR	FLBPU-L-R-C-BR	Round	Low-Voltage (CTA5E)	Brass	10
FLBPU-L-R-SS	FLBPU-L-R-C-SS	Round	Low-Voltage (CTA5E)	Stainless Steel	10
FLBPU-L-S-BR	FLBPU-L-S-C-BR	Square	Low-Voltage (CTA5E)	Brass	10
FLBPU-L-S-SS	FLBPU-L-S-C-SS	Square	Low-Voltage (CTA5E)	Stainless Steel	10
FLBPU-G-R-BR	FLBPU-G-R-C-BR	Round	20A TR Cooper GFCI	Brass	10
FLBPU-G-R-SS	FLBPU-G-R-C-SS	Round	20A TR Cooper GFCI	Stainless Steel	10
FLBPU-DU-R-BR	FLBPU-DU-R-C-BR	Round	20A TR Duplex + (2) USB Ports	Brass	10
FLBPU-DU-R-SS	FLBPU-DU-R-C-SS	Round	20A TR Duplex + (2) USB Ports	Stainless Steel	10



FLBPU-D-S-C-BR



FLBPU-D-S-C-SS



FLBPU-D-R-C-BR



FLBPU-D-R-C-SS



• FLBPU-L-R-C-BR



• FLBPU-L-R-C-SS



• FLBPU-L-S-C-BR



• FLBPU-L-S-C-SS



FLBPU-G-R-C-BR



FLBPU-G-R-C-SS



FLBPU-DU-R-C-BR



FLBPU-DU-R-C-SS

1-GANG POP-UP TYPE FLOOR BOX ASSEMBLIES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ 20A tamper-resistant receptacle
- ▶ For use with carpet, tile or wood floors
- ▶ Steel floor boxes must be installed flush with finished floor prior to final installation
- ▶ Includes cover, receptacle, screws, and 1-Gang Floor Box
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information visit pg. W15)
- 3 Low Voltage ports included

Cat. No.	Side K.O.'s	Bottom K.O.	Cu. In.
FLB-4SEDB	(2) - 1/2", (2) - 3/4" & (4) CKO	(2) - 1/2" & (2) - 3/4"	46.0

Steel Floor Box Only (See Page E11 for Details)



FLBPU-D-S-BR



FLBPU-D-S-SS



FLBPU-D-R-BR



FLBPU-D-R-SS



• FLBPU-L-R-BR



• FLBPU-L-R-SS



• FLBPU-L-S-BR



• FLBPU-L-S-SS



FLBPU-G-R-BR



FLBPU-G-R-SS



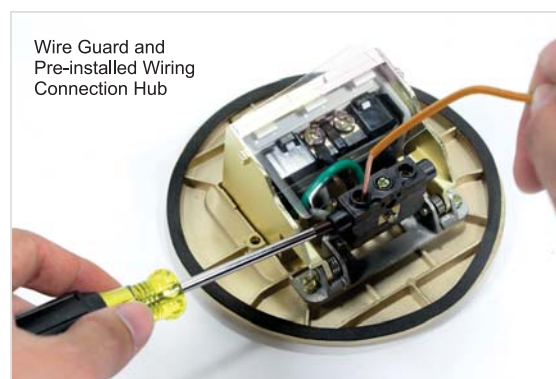
FLBPU-DU-R-BR



FLBPU-DU-R-SS



FLBPU-G-R-SS Shown Installed
1-Gang Pop-Up Type with GFCI



Easy Install
Labor Saving Quick Connection for
Duplex Receptacle Models

2-GANG POP-UP TYPE

COVERS

INCLUDES

- Cover
- 20A tamper-resistant receptacle
- Screws

- 3 Low Voltage ports included

**ORBIT INDUSTRIES
EXCLUSIVE**

Assembly	Cover Only	Receptacle	Finish	Std. Pkg.
FLBPU-DD-BR	FLBPU-DD-C-BR	(2) 20A TR Duplex	Brass	10
FLBPU-DD-SS	FLBPU-DD-C-SS	(2) 20A TR Duplex	Stainless Steel	10
FLBPU-LL-BR	FLBPU-LL-C-BR	(2) Low-Voltage (CAT5E)	Brass	10
FLBPU-LL-SS	FLBPU-LL-C-SS	(2) Low-Voltage (CAT5E)	Stainless Steel	10
FLBPU-DL-BR	FLBPU-DL-C-BR	20A TR Duplex + Low-Voltage (CAT5E)	Brass	10
FLBPU-DL-SS	FLBPU-DL-C-SS	20A TR Duplex + Low-Voltage (CAT5E)	Stainless Steel	10



FLBPU-DD-C-BR



FLBPU-DD-C-SS



• FLBPU-LL-C-BR



• FLBPU-LL-C-SS



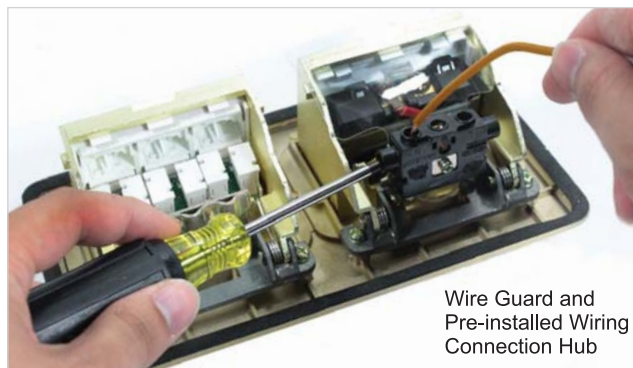
• FLBPU-DL-C-BR



• FLBPU-DL-C-SS



FLBPU-DL-BR Shown Installed
Brass 2-Gang Pop-Up Floor Box



Wire Guard and
 Pre-installed Wiring
 Connection Hub

Easy Install

Labor Saving Quick Connection for Duplex Receptacles

2-GANG POP-UP TYPE FLOOR BOX ASSEMBLIES

PRODUCT FEATURES

- ▶ 125 VAC
 - ▶ 20A tamper-resistant receptacle
 - ▶ For use with carpet, tile or wood floors
 - ▶ Steel floor boxes must be installed flush with finished floor prior to final installation
 - ▶ Steel floor box includes partition for combination of Duplex Receptacle & Low Voltage Only
 - ▶ Includes cover, receptacle, screws and 2-Gang Floor Box
 - ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information visit pg. W15)
- 3 Low Voltage ports included

Cat. No.	Side K.O.'s	Bottom K.O.	Cu. In.
FLB-48DB	(6) - 1/2" & 3/4" CKO, (6) - 3/4" & 1" CKO	(6) - 1/2" & (3) - 3/4"	86.0

Steel Floor Box Only (See Page E13 for Details)



FLBPU-DD-BR



FLBPU-DD-SS



• FLBPU-LL-BR



• FLBPU-LL-SS



• FLBPU-DL-BR



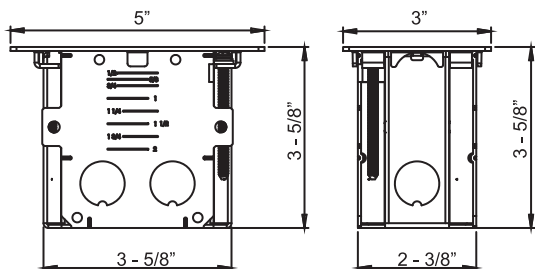
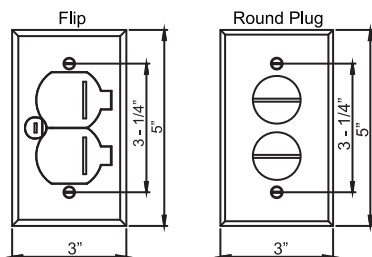
• FLBPU-DL-SS



Pop-up Cover retracts when not in use

**ADJUSTABLE 1-GANG
FLOOR BOX**
PRODUCT FEATURES

- ▶ Adjustable from 0" - 2"
- ▶ Can be Side Mounted


1-Gang Adjustable Box

1-Gang Cover
COMPATIBLE COVERS: Page E1

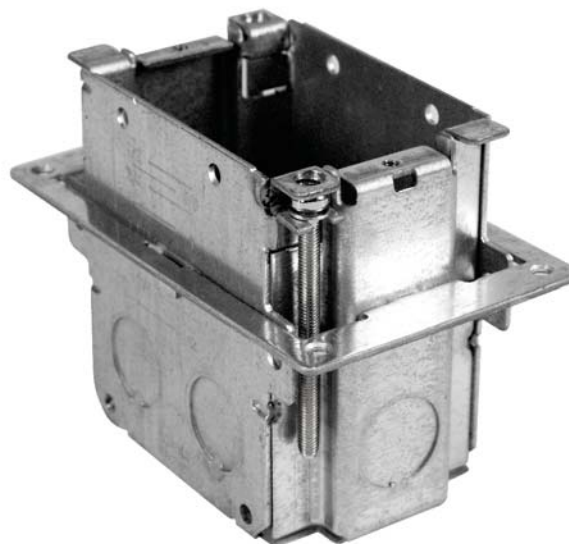
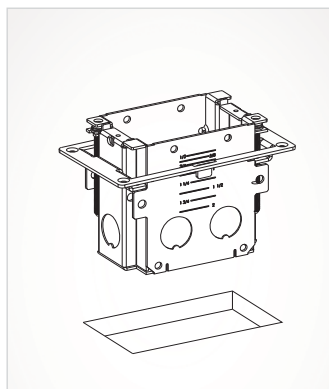
FLB-D-C-BR

FLB-R1G-C-SS

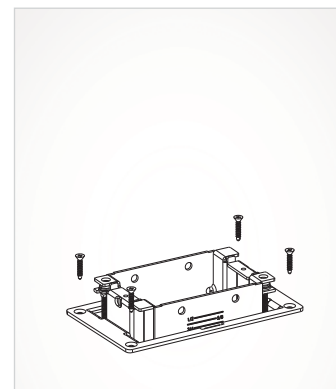
FLB-D-C-SS

FLB-R1G-C-BR

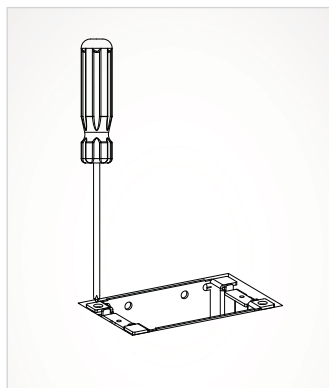
Cat. No.	Side K.O.'S	Bottom K.O.'S	Cu. In.	Std. Pkg
1GAB	(6) - 1/2"	(2) - 1/2"	23.5	10


INSTALLATION


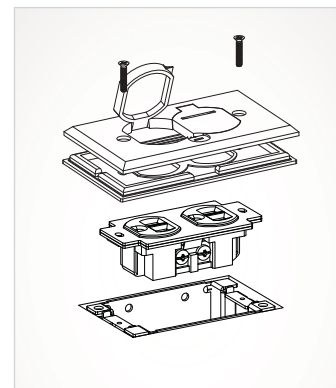
Step 1: Cut hole in sub-floor or finished floor.



Step 2: Mount floor box to floor with 4 wood screws.



Step 3: Adjust floor box flush with finished floor.



Step 4: Wire receptacle assembly and install cover and gasket using provided screws.

ADJUSTABLE 2-GANG FLOOR BOX

PRODUCT FEATURES

- ▶ Adjustable from 0" - 1"
- ▶ Recessed device mounting tabs allow for cover to be flush with box
- ▶ Removable partition included

Cat. No.

Side K.O.'S

Bottom K.O.'S

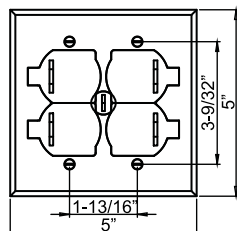
Cu. In.

FLB-4SEDB-2G

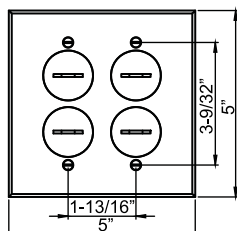
(2) - 1/2", (2) - 3/4" & (4) 1/2" & 3/4" CKO

(2) - 1/2" & (2) - 3/4"

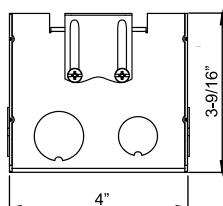
46.0



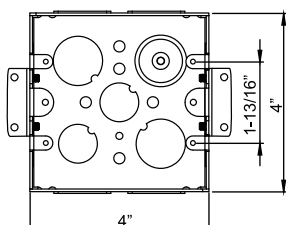
Flip



Round Plug



2-Gang Adjustable Box



INSTALLATION

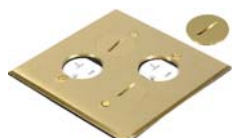
COMPATIBLE COVERS: Page E3



FLB-R2G-DL-C-BR



FLB-R2G-DL-C-SS



FLB-R2G-DD-C-BR



FLB-R2G-DD-C-SS



FLB-DL-C-BR



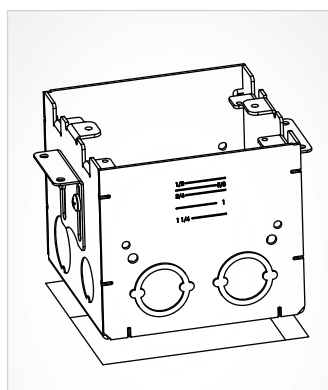
FLB-DL-C-SS



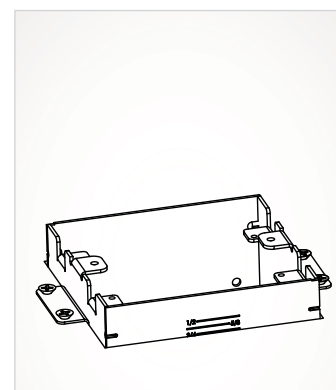
FLB-DD-C-BR



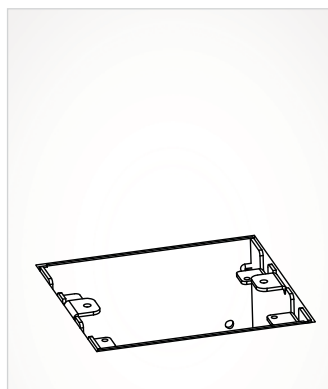
FLB-DD-C-SS



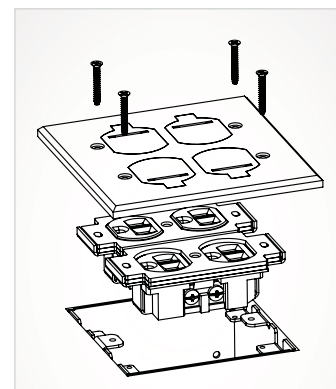
Step 1: Cut hole in sub-floor. Adjust floor box to finished floor height.



Step 2: Mount floor box to floor with 4 wood screws.



Step 3: Install finished floor.



Step 4: Wire receptacle assembly and install cover and gasket using provided screws.

1-GANG POP-UP FLOOR BOX

PRODUCT FEATURES

- Fits all 1-Gang Pop-Up Covers
- Steel floor box must be installed flush with finished floor prior to final installation

Cat. No.

FLB-4SEDB

Side K.O.'S

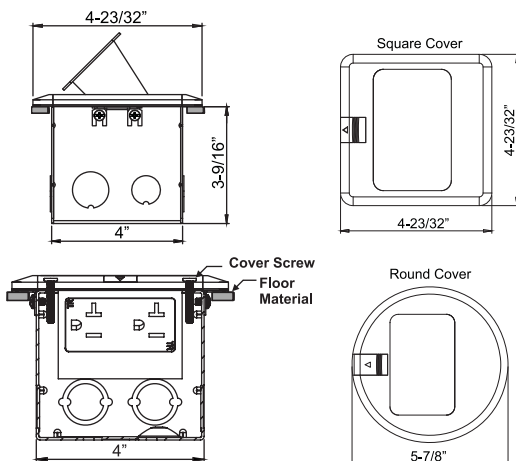
(2) - 1/2", (2) - 3/4" & (4) 1/2" & 3/4" CKO

Bottom K.O.'S

(2) - 1/2" & (2) - 3/4"

Cu. In.

46.0



1-Gang Floor Box



INSTALLATION

COMPATIBLE COVERS: Page E5



FLBPU-D-S-C-BR



FLBPU-D-S-C-SS



FLBPU-L-S-C-BR



FLBPU-L-S-C-SS



FLBPU-D-R-C-BR



FLBPU-D-R-C-SS



FLBPU-L-R-C-BR



FLBPU-L-R-C-SS



FLBPU-G-R-C-BR



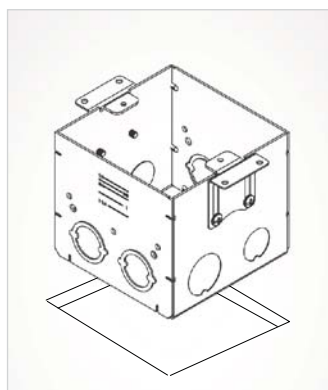
FLBPU-G-R-C-SS



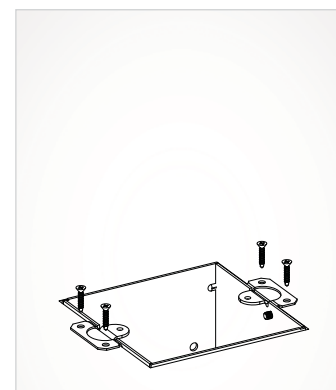
FLBPU-DU-R-C-BR



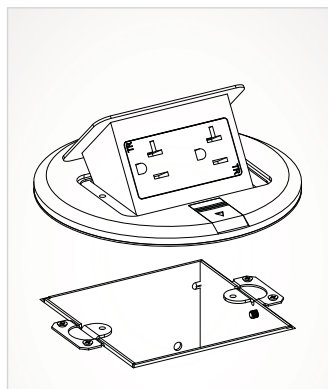
FLBPU-DU-R-C-SS



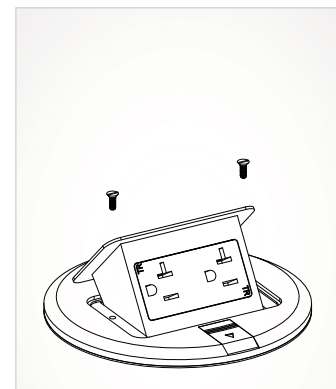
Step 1: Cut hole in finished floor.



Step 2: Mount floor box to floor with 4 wood screws.



Step 3: Wire receptacle.



Step 4: Install cover using screws provided.



PVC FLOOR BOX

PRODUCT FEATURES

- ▶ PVC for Concrete Slab Installations
- ▶ FLBC-P-R includes cap and plugs
- ▶ Adapter ring (sold separately) allows for installation of round pop-up floor box covers

PVC Floor Box	Sides Opening	Description	Cu. In.	Std. Pkg
FLBC-P-R	(2) - 3/4" & (2) - 1"	Round PVC Floor Box for concrete slab installations	90.0	10
FLBPU-AR	-	PVC Adapter Ring for round floor box pop-up covers <i>(Sold Separately)</i>		10




FLBC-P-R







FLBPU-AR





FLOOR BOX COMPATIBILITY TABLE
See Page E5 for Details on Orbit's Full Line of Pop-Up Floor Boxes



FLBPU-AR



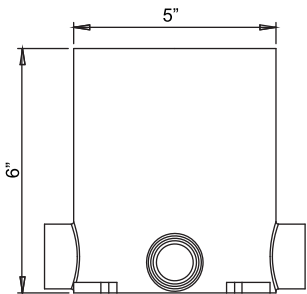
FLBPU-D-R-C-BR FLBPU-D-R-C-SS FLBPU-G-R-C-BR FLBPU-G-R-C-SS



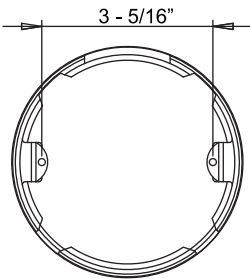
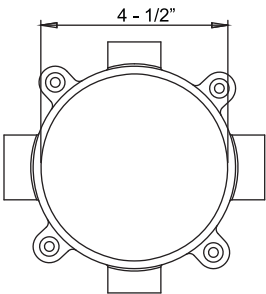
FLBPU-L-R-C-BR FLBPU-L-R-C-SS FLBPU-DU-R-C-BR FLBPU-DU-R-C-SS



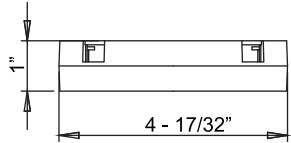
EXPLODED VIEW OF ASSEMBLY
(Sold Separately)



FLBC-P-R



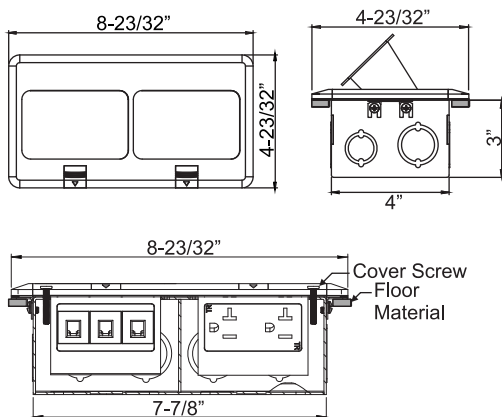
FLBPU-AR



2-GANG POP-UP FLOOR BOX

PRODUCT FEATURES

- Able to install to concrete when using wood concrete forms



Cat. No.

Side K.O.'S

Bottom K.O.'S

Cu. In.

FLB-48DB

(6) - 1/2" & 3/4" CKO, (6) - 3/4" & 1" CKO

(6) - 1/2" & (3) - 3/4"

86.0

COMPATIBLE COVERS: Page E7

- Compatible only with 2 Gang Floor Box Partition



FLBPU-DD-C-BR



FLBPU-DD-C-SS



FLBPU-LL-C-BR



FLBPU-LL-C-SS

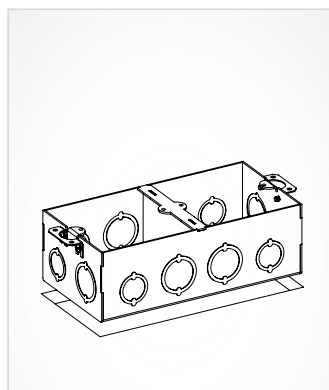


• FLBPU-DL-C-BR

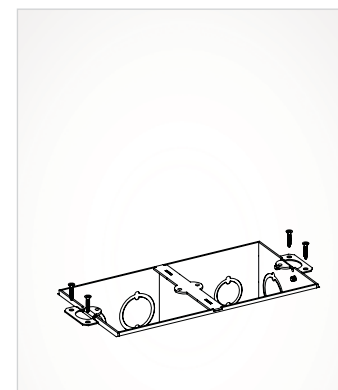


• FLBPU-DL-C-SS

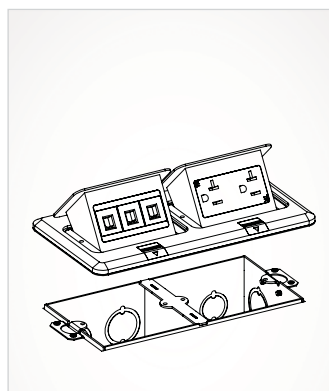
INSTALLATION



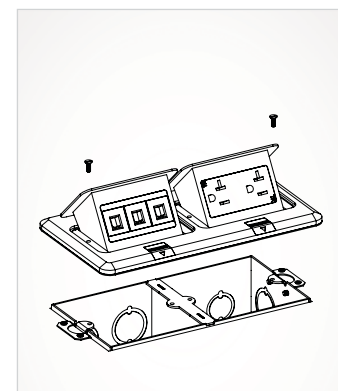
Step 1: Cut hole in finished floor.



Step 2: Mount floor box to floor with 4 wood screws.



Step 3: Wire receptacle assembly.



Step 4: Install cover using screws provided.

HUMIDITY SENSORS

PRODUCT FEATURES

CONDENSATION SENSORS (adjustable)

- Turns ON the fan when condensation is present and OFF when dry
- Adjust sensors to solve moisture problem
- Helps fight mold

QUE™ TECHNOLOGY

- Ultra moisture-sensing adaptive technology (patent pending)

COUNTDOWN TIMER (adjustable)

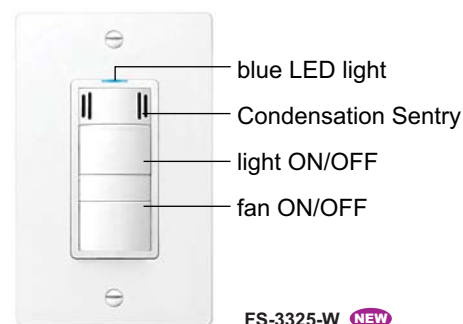
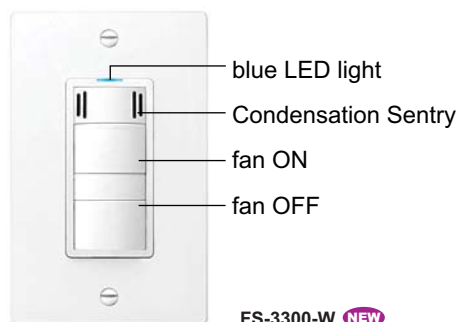
- You choose how long your fan will run
- Great for tenant and family use
- Manual light control allows you to control bathroom lighting
- Manual fan control for immediate ventilation

LED FAN INDICATOR LIGHT

- Lets you know the fan is ON
- CONCEALED ADJUSTMENT SETTINGS
- Tamper-proof settings cover

TITLE 24
COMPLIANT

Cat. No.	Description	Inner	Master
FS-3300-W <small>NEW</small>	Fan Switch Electrical Input: 120 volts @ 60Hz Max. Fan Load: 6 Amps	1	72
FS-3325-W <small>NEW</small>	Fan & Light Switch Electrical Input: 120 volts @ 60Hz Max. Fan Load: 6 Amps Max. Light Load: Fluorescent: 400 Watt Incandescent: 600 Watt LED/CFL: 150 Watt	1	72



VACANCY SENSORS

PRODUCT FEATURES

- Manual ON
- Automatic OFF after time delay expires and manual OFF option
- Adjustable time delay from 15 seconds to 30 minutes
- Adjustable sensitivity settings
- Passive Infrared Technology
- 2 year warranty
- Standard decorative wall plate included
- Compatible with **MAGNETIC** and **ELECTRONIC BALLAST**

NOTES

- Neutral Wire Required
- Vacancy Sensors should be initially left ON for 4-5 minutes for first time to function properly

TITLE 24
COMPLIANT

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		White	Ivory	Almond	
T24VSD-S	Passive Infrared Vacancy Sensor, 180°, 650 Sq. Ft. Coverage RATING: Incandescent: 800W @120VAC Fluorescent: 800VA @120VAC Motor: 1/4HP@ 120VAC	T24VSD-S-W	T24VSD-S-I	T24VSD-S-A	10
T24VS-S	Passive Infrared Vacancy Sensor, 150°, 450 Sq. Ft. Coverage RATING: Incandescent: 500W @120VAC Fluorescent: 500VA @120VAC Motor: 1/8HP@ 120VAC	T24VS-S-W	T24VS-S-I	-	10





OCCUPANCY SENSORS

PRODUCT FEATURES

- ▶ Turn lights ON/OFF automatically
- ▶ With manual ON/OFF pushbutton
- ▶ Adjustable time delay from 15 seconds to 30 minutes
- ▶ 5 year warranty
- ▶ Standard decorative wall plate included
- ▶ Compatible with **MAGNETIC** and **ELECTRONIC BALLAST**

NOTE

- ▶ Neutral wire required

TITLE 24
COMPLIANT 

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		White	Ivory	Almond	
OSD-S	Passive Infrared Occupancy Sensor, 180°, 650 Sq. Ft. Coverage RATING: Incandescent: 800W @120VAC Fluorescent: 800VA @120VAC Motor: 1/4HP@ 120VAC	OSD-S-W	OSD-S-I	OSD-S-A	10



OCCUPANCY SENSORS

PRODUCT FEATURES

- ▶ Turn lights ON/OFF automatically
- ▶ With manual ON/OFF pushbutton
- ▶ Built-in VAC selection side button switch
- ▶ Adjustable time delay from 15 seconds to 30 minutes
- ▶ Self Adaptive feature automatically adjusts time delay based on occupants behavior patterns
- ▶ 5 year warranty
- ▶ Standard decorative wall plate included
- ▶ Compatible with **MAGNETIC** and **ELECTRONIC BALLAST**

NOTE

- ▶ No neutral wire required
- ▶ Ground wire connection required

TITLE 24
COMPLIANT 

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		White	Ivory	Almond	
OSD-S-2W	Passive Infrared Occupancy Sensor, 180°, 1200 Sq. Ft. Coverage RATING: Incandescent: 800W @120VAC Fluorescent: 800VA @120VAC 1600VA @ 277VAC Motor: 1/4HP@ 120VAC	OSD-S-2W-W	OSD-S-2W-I	-	10



NOTE: Occupancy Sensors should be initially left ON for 4-5 minutes for first time to function properly.



OCCUPANCY SENSORS

PRODUCT FEATURES

- ▶ Turn lights ON/OFF automatically
- ▶ With manual ON/OFF pushbutton
- ▶ Built-in VAC selection side button switch
- ▶ Adjustable time delay from 15 seconds to 30 minutes
- ▶ Increase energy savings by turning light OFF shortly after momentary occupancy
- ▶ Self Adaptive feature automatically adjusts time delay based on occupants behavior patterns
- ▶ 5 year warranty
- ▶ Standard decorative wall plate included
- ▶ Compatible with **MAGNETIC** and **ELECTRONIC BALLAST**
- ▶ Dual Relay (controls two separate loads)

NOTE

- ▶ No neutral wire required
- ▶ Ground wire connection required

TITLE 24
COMPLIANT 

OCCUPANCY SENSORS

PRODUCT FEATURES

- ▶ Turn lights ON/OFF automatically
- ▶ With manual ON/OFF pushbutton
- ▶ Adjustable time delay from 15 seconds to 30 minutes
- ▶ Adjustable sensitivity settings
- ▶ 2 year warranty
- ▶ Standard decorative wall plate included
- ▶ For **MAGNETIC BALLAST** only

NOTE

- ▶ Neutral wire required

TITLE 24
COMPLIANT 

OCCUPANCY SENSORS

PRODUCT FEATURES

- ▶ Turn lights ON/OFF automatically
- ▶ Use as regular switch with manual ON/OFF setting
- ▶ Adjustable time delay from 15 seconds to 30 minutes
- ▶ Adjustable sensitivity settings
- ▶ 2 year warranty
- ▶ Standard decorative wall plate included
- ▶ For **MAGNETIC BALLAST** only

NOTE

- ▶ Neutral wire required

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		White	Ivory	Almond	
OSD-S-D	Passive Infrared Occupancy Sensor, 180°, 1200 Sq. Ft. Coverage Dual Relay RATING: Incandescent: 800W @120VAC Fluorescent: 800VA @120VAC Motor: 1/4HP@ 120VAC	OSD-S-D-W	OSD-S-D-I	-	10



Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		White	Ivory	Almond	
OS-P	Passive Infrared Occupancy Sensor, 150°, 450 Sq. Ft. Coverage RATING: Incandescent: 500W @120VAC Fluorescent: 500VA @120VAC Motor: 1/8HP@ 120VAC	OS-P-W	OS-P-I	-	10



Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.
		White	Ivory	Almond	
OS-S	Passive Infrared Occupancy Sensor, 150°, 450 Sq. Ft. Coverage RATING: Incandescent: 500W @120VAC Fluorescent: 500VA @120VAC Motor: 1/8HP@ 120VAC	OS-S-W	OS-S-I	-	10



NOTE: Occupancy Sensors should be initially left ON for 4-5 minutes for first time to function properly.

www.orbitelectric.com



DECORATIVE RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Dual USB Ports with 5VDC
- ▶ Charge devices without the need for an adapter
- ▶ Back and side wiring options for easy installation
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information visit pg. W15)
- ▶ Wall Plate included

Cat. No.	Description	Std. Pkg.	Master Carton
DRU15-TR-2A NEW	15A Duplex Receptacle with 2 USB Chargers 5VDC, 2.1A, Tamper Resistant	1	60
DRU20-TR NEW	20A Duplex Receptacle with 2 USB Chargers 5VDC, 4.0A, Tamper Resistant	1	60



5-15R

DR15

NEW

5-20R

DR20

NEW

RESIDENTIAL GRADE

DECORATIVE RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Self-Grounding
- ▶ Impact-Resistant Thermoplastic Body
- ▶ #14 to #10AWG Side Wire or #14AWG Push-In Back Wire (DR15) #14 to #12AWG Back Wire (DR20)
- ▶ With Combination Head Screws
- ▶ Meets NEC Article 406.12 for tamper resistant receptacles (for more information visit pg. W15)

Cat. No.	Description	Color (Cat. No. - Color Code)				Std. Pkg.	Master Carton
		White	Ivory	Black	Almond		
DR15	15A Decorative Receptacle	DR15-SW	DR15-SI	DR15-SBK	DR15-SA	10	200
DR15-TR	15A Decorative Receptacle, Tamper Resistant	DR15-TR-SW	DR15-TR-SI	DR15-TR-SBK	DR15-TR-SA	10	200
DR20	20A Decorative Receptacle	DR20-SW	DR20-SI	DR20-SBK	DR20-SA	10	200



5-15R

DR15

DR15-TR
Tamper Resistant

5-20R

DR20

COMMERCIAL GRADE

DECORATIVE RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Self-Grounding
- ▶ Impact-Resistant Thermoplastic Body
- ▶ **With integral ground contacts locked into back, body, & face to prevent strap separation**
- ▶ #14 to #10 AWG Side Wire
- ▶ With Combination Head Screws

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
CDR15-TR	15A Decorative Receptacle, Tamper Resistant	CDR15-TR-SW	CDR15-TR-SI	10	200
CDR20-TR	20A Decorative Receptacle, Tamper Resistant	CDR20-TR-SW	CDR20-TR-SI	10	200



5-15R

CDR15-TR
Tamper Resistant

5-20R

CDR20-TR
Tamper Resistant

COMMERCIAL GRADE

SINGLE RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC or 250 VAC
- ▶ Impact-Resistant Thermoplastic Body
- ▶ **With integral ground contacts locked into back, body, & face to prevent strap separation**
- ▶ Up to #10AWG Side Wire
- ▶ With Combination Head Screws
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information visit pg. W15)

For use with:

Wallplates	
LEXAN	Stainless Steel
OP7	OS7
For complete wallplate section, see Page E26 to E33.	

Industrial Covers	
4S Box	5S Box
4403	5503
For complete industrial cover section, see A13 & A20.	

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
SR15	15A, 125V Single Receptacle	SR15-W	SR15-I	10	200
SR15-TR	15A, 125V Single Receptacle, Tamper Resistant	SR15-TR-W	SR15-TR-I	10	200
SR20	20A, 125V Single Receptacle	SR20-W	SR20-I	10	200
SR20-TR	20A, 125V Single Receptacle, Tamper Resistant	SR20-TR-W	SR20-TR-I	10	200
SR15-250	15A, 250V Single Receptacle	SR15-250-W	SR15-250-I	10	200
SR20-250	20A, 250V Single Receptacle	SR20-250-W	SR20-250-I	10	200



5-15R
SR15
SR15-TR
Tamper Resistant



5-20R
SR20
SR20-TR
Tamper Resistant



6-15R
SR15-250



6-20R
SR20-250

INDUSTRIAL GRADE

SINGLE RECEPTACLES

PRODUCT FEATURES

- ▶ 125-250 VAC
- ▶ Impact-Resistant Thermoplastic Body
- ▶ #10 to #4 AWG Back Terminals

For use with:

Wallplate	
Stainless Steel	
OS703	
For complete wallplate section, see Page E26 to E33.	

Industrial Covers	
4S Box	5S Box
4407	5507
For complete industrial cover section, see Page A13 & A20.	

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Dia.	Master Carton	
		Black	White		Pkg.	Carton
R50-3	50A, 3-Pole, 3-Wire Range Receptacle, NEMA 10-50R	R50-3	-	2.11"	10	40
R30-3	30A, 3-Pole, 3-Wire Dryer Receptacle, NEMA 10-30R	R30-3	-	2.11"	10	40
R50-4	50A, 3-Pole, 4-Wire Range Receptacle, NEMA 14-50R	R50-4	R50-4-W	2.11"	10	40
R30-4	30A, 3-Pole, 4-Wire Dryer Receptacle, NEMA 14-30R	R30-4	R30-4-W	2.11"	10	40



10-50R
R50-3-BK



10-30R
R30-3-BK



14-50R
R50-4-W



14-30R
R30-4-W



RESIDENTIAL GRADE

DUPLEX RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Self-Grounding
- ▶ Impact-Resistant Thermoplastic Body
- ▶ #14 to #10AWG Side Wire or #14AWG Push-In Back Wire (R15)
- ▶ #14 to #12AWG Back Wire (R20)
- ▶ With Combination Head Screws
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information visit pg. W15)

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.	Master Carton
		White	Ivory	Gray		
R15	15A Duplex Receptacle	R15-SW	R15-SI	R15-SG	10	200
R15-TR	15A Duplex Receptacle, Tamper Resistant	R15-TR-SW	R15-TR-SI	-	10	200
R20	20A Duplex Receptacle	R20-SW	R20-SI	-	10	200
R20-TR	20A Duplex Receptacle, Tamper Resistant	R20-TR-SW	R20-TR-SI	-	10	200



Tamper Resistant
R15-TR



Tamper Resistant
R20-TR

COMMERCIAL GRADE

DUPLEX RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Self-Grounding
- ▶ Impact-Resistant Thermoplastic Body
- ▶ **With integral ground contacts locked into back, body, & face to prevent strap separation**
- ▶ #14 to #10 AWG Side Wire
- ▶ With Combination Head Screws
- ▶ Meets NEC Article 406.12 for tamper-resistant receptacles (for more information visit pg. W15)

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
CR15	15A Duplex Receptacle	CR15-W	CR15-I	10	200
CR15-TR	15A Duplex Receptacle, Tamper Resistant	CR15-TR-SW	CR15-TR-SI	10	200
CR20	20A Duplex Receptacle	CR20-W	CR20-I	10	200
CR20-TR	20A Duplex Receptacle, Tamper Resistant	CR20-TR-SW	CR20-TR-SI	10	200



Tamper Resistant
CR15-TR



Tamper Resistant
CR20-TR

HOSPITAL GRADE

DUPLEX RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Thermoplastic Shutter
- ▶ Tamper-Resistant Design
- ▶ Impact-Resistant Nylon Body
- ▶ One-piece Brass Alloy Grounding
- ▶ High Performance Copper Alloy Contacts
- ▶ Encapsulated ground contacts
- ▶ #14 to #10 AWG Side or Back Wiring
- ▶ 8-hole back wiring for feed thru wiring
- ▶ With Combination Head Screws

For use with:

Wallplates	
LEXAN	Stainless Steel
OP8	OS8
For complete wallplate section, see Page E26 to E33.	

Industrial Covers	
4S Box	5S Box
4402	5502
For complete industrial cover section, see Page A13 & A20.	

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.	Master Carton
		White	Ivory	Red		
HR15	15A Duplex Receptacle	HR15-W	HR15-I	HR15-R	10	200
HR20	20A Duplex Receptacle	HR20-W	HR20-I	HR20-R	10	200



INDUSTRIAL GRADE

DUPLEX RECEPTACLES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Self-Grounding
- ▶ Impact-Resistant Thermoplastic Body
- ▶ **With integral ground contacts locked into back, body, & face to prevent strap separation**
- ▶ #14 to #10 AWG Side or Back Wiring Options
- ▶ 8-hole back wiring for feed thru wiring
- ▶ With Combination Head Screws

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
IR15	15A Duplex Receptacle	IR15-W	IR15-I	10	200
IR20	20A Duplex Receptacle	IR20-W	IR20-I	10	200



INDUSTRIAL GRADE

DUPLEX RECEPTACLES WITH **ISOLATED GROUND**

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Self-Grounding
- ▶ Impact-Resistant Thermoplastic Body
- ▶ **With integral ground contacts locked into back, body, & face to prevent strap separation**
- ▶ #14 to #10 AWG Side or Back Wiring Options
- ▶ 8-hole back wiring for feed thru wiring
- ▶ With Combination Head Screws

NOTE

- ▶ Isolated Ground Receptacles (IGR) provide protection to critical equipment with an isolated ground path to a building's isolated ground system

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.	Master Carton
		Orange	White	Ivory		
IGR15	15A Duplex Receptacle	IGR15-O	IGR15-W	IGR15-I	10	200
IGR20	20A Duplex Receptacle	IGR20-O	IGR20-W	IGR20-I	10	200



(Back View)

For use with:

Wallplates	
LEXAN	Stainless Steel
OP8	OS8
For complete wallplate section, see Page E26 to E33.	

Industrial Covers	
4S Box	5S Box
4402	5502
For complete industrial cover section, see Page A13 & A20.	



RESIDENTIAL GRADE

TOGGLE SWITCHES

PRODUCT FEATURES

- ▶ 120 VAC or 120~277 VAC
- ▶ #14 to #10 AWG Side Wire or #14 AWG Push-In Back Wire
- ▶ With Combination Head Screws
- ▶ Thermoplastic Toggle & Frame Construction
- ▶ Smooth Toggle Action

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.	Master Carton
		White	Ivory	Gray		
TS15	15A, 120V Single Pole	TS15-W	TS15-I	TS15-G	10	200
TS315	15A, 120V Three-Way	TS315-W	TS315-I	TS315-G	10	200
TS415	15A, 120~277V Four-Way, Self-Grounding	TS415-W	TS415-I	-	10	200



TS15



TS315



TS415

RESIDENTIAL GRADE

TOGGLE SWITCHES WITH PILOT LIGHT

PRODUCT FEATURES

- ▶ 120 VAC or 120~277 VAC
- ▶ #14 to #10 AWG Side Wire or #14 AWG Push-In Back Wire
- ▶ With Combination Head Screws
- ▶ Thermoplastic Toggle & Frame Construction
- ▶ Smooth Toggle Action

Cat. No.	Description	Std. Pkg.	Master Carton
TSL15-CL	15A, 120~277V Single Pole with Pilot Light, Clear	10	200
TSL315-CL	15A, 120V Three-Way with Pilot Light, Clear	10	200



TSL15-CL



TSL315-CL

COMMERCIAL GRADE

TOGGLE SWITCHES

PRODUCT FEATURES

- ▶ 120 VAC or 120~277 VAC
- ▶ #14 to #10 AWG Side Wire
- ▶ With Combination Head Screws
- ▶ Thermoplastic Toggle & Frame Construction
- ▶ Smooth Toggle Action

For use with:

Wallplates	
LEXAN	Stainless Steel
OP1	OS1
For complete wallplate section, see Page E26 to E33.	

Industrial Covers	
4S Box	5S Box
4401	5501
For complete industrial cover section, see Page A13 & A20.	

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
TS20	20A Single Pole	TS20-W	TS20-I	10	200



TS20-W



TS20-I

RESIDENTIAL GRADE

DECORATIVE SWITCHES

PRODUCT FEATURES

- ▶ 120~277 VAC
- ▶ Rocker-Type
- ▶ Impact-Resistant Thermoplastic Body
- ▶ #14 to #10 AWG Side Wire or #14 AWG Push-In Back Wire
- ▶ With Combination Head Screws

ILLUMINATED SWITCHES FEATURE

- ▶ Light glows through the top portion of the switch when in the off position

NOTE

- ▶ No neutral wire required

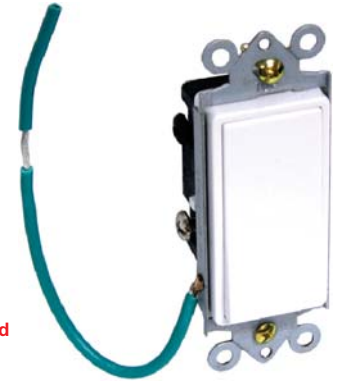
Cat. No.	Description	Color (Cat. No. - Color Code)				Std. Pkg.	Master Carton
		White	Ivory	Black	Almond		
DS15	15A Single-Pole	DS15-W	DS15-I	DS15-BK	DS15-A	10	200
DS315	15A Three-Way	DS315-W	DS315-I	DS315-BK	DS315-A	10	200
DS415	15A Four-Way with Pigtail	DS415-W	DS415-I	DS415-BK	DS415-A	10	200
DSL15	15A Single-Pole, Illuminated	DSL15-W	DSL15-I	-	-	10	200
DSL315	15A Three-Way, Illuminated	DSL315-W	DSL315-I	-	-	10	200



DS15
DS315



DSL15
DSL315
Illuminated



DS415

RESIDENTIAL GRADE

DECORATIVE SWITCHES

PRODUCT FEATURES

- ▶ 120 VAC or 120~277 VAC
- ▶ Rocker-type
- ▶ Impact-Resistant Thermoplastic Body
- ▶ With Combination Head Screws

For use with:

Wallplates	
LEXAN	Stainless Steel
OP26, OPS26 (Snap-on)	OS26
For complete wallplate section, see Page E26 to E33.	

Industrial Covers	
4S Box	5S Box
4404	5504
For complete industrial cover section, see Page A13 & A20.	

Cat. No.	Description	Color (Cat. No. - Color Code)				Std. Pkg.	Master Carton
		White	Ivory	Black	Almond		
2DS15	Double Rocker Switch, 15A, 120~277V Single-Pole Side Wire only	2DS15-W	2DS15-I	2DS15-BK	2DS15-A	10	200
3DS15	Triple Rocker Switch, 15A, 120~277V Single Pole Push-In Back Wire only, with Ground Pigtail	3DS15-W	3DS15-I	3DS15-BK	3DS15-A	10	200
DRDS15	Rocker Switch, 15A, 120V Receptacle	DRDS15-W	DRDS15-I	DRDS15-BK	DRDS15-A	10	200



2DS15



3DS15



DRDS15

COMMERCIAL GRADE

STACK DEVICES

PRODUCT FEATURES

- ▶ 125 VAC
- ▶ Impact-Resistant Thermoplastic Body
- ▶ With integral ground contacts locked into back, body, & face to prevent strap separation
- ▶ Up to #10AWG Side Wire
- ▶ With Combination Head Screws

For use with:

Wallplates	
LEXAN	Stainless Steel
OP8	OS8
For complete wallplate section, see Page E26 to E33.	

Industrial Covers	
4S Box	5S Box
4402	5502
For complete industrial cover section, see Page A13 & A20.	

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
2TS15	Two 15A Single Pole Toggle Switches	2TS15-W	2TS15-I	10	200
RTS15	15A Single Pole Toggle Switch & 15A Receptacle	RTS15-W	RTS15-I	10	200
PLTS15	15A Single Pole Toggle Switch & Neon Pilot Light	PLTS15-W	PLTS15-I	10	200



2TS15



5-15R
RTS15



PLTS15

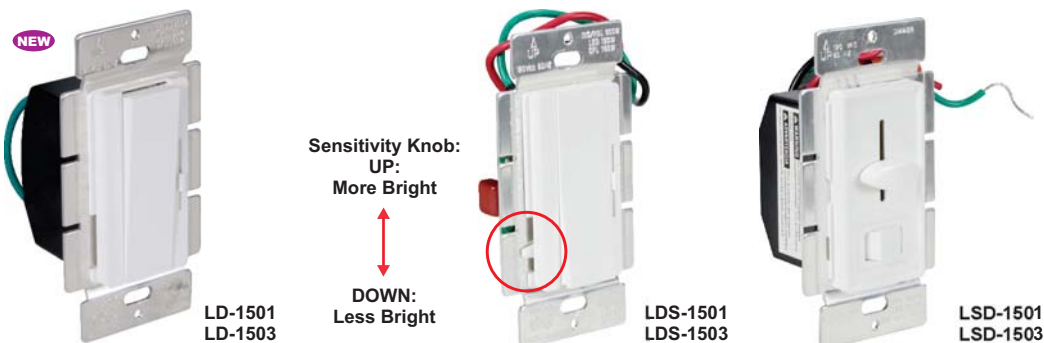
COMMERCIAL GRADE

LED DIMMERS

PRODUCT FEATURES

- ▶ 120 VAC 60Hz
- ▶ 150W Dimmable LED/CFL
- ▶ 600W Incandescent
- ▶ Ambient operating Temp.: 32 °F to 104 °F (0 °C to 40 °C), 0% to 90% humidity
- ▶ Tough impact-resistant thermoplastic housing
- ▶ Full-range dimming
- ▶ Smooth-action slide control for easy precise operation

Cat. No.	Description	Std. Pkg.
LD-1501 <small>NEW</small>	LED Decorative Dimmer, Single-Pole	10
LD-1503	LED Decorative Dimmer, Single-Pole/3-Way	10
LDS-1501	LED Decorative Dimmer, Single-Pole, with sensitivity knob for brightness control	10
LDS-1503	LED Decorative Dimmer, Single-Pole/3-Way, with sensitivity knob for brightness control	10
LSD-1501	LED Slide Dimmer, Single-Pole	10
LSD-1503	LED Slide Dimmer, Single-Pole/3-Way	10



RESIDENTIAL GRADE

INCANDESCENT DIMMERS

PRODUCT FEATURES

- ▶ 120 VAC
- ▶ 600W
- ▶ With #18AWG Cable Leads
- ▶ Fits Decorative/GFCI Wall plates

Cat. No.	Description	Color (Cat. No. - Color Code)				Std. Pkg.
		White	Ivory	Almond	Black	
*RD600	Single-Pole Rotary Dimmer, Turn to On	RD600-W	RD600-I	-	-	10
*RDP603	Single-Pole/3-Way, Rotary Dimmer, Push On/Off Preset	RDP603-W	-	-	-	10
*RDK	Replacement Knob for Rotary Dimmers	RDK-W	RDK-I	-	-	10
D600	Single-Pole	D600-W	D600-I	-	-	10
D603SL	Single-Pole/3-Way with Preset Switch With LED Light, glows when lights are off	D603SL-W	D603SL-I	D603SL-A	D603SL-BK	10
SDH	Slide Dimmer Replacement Handle	SDH-W	SDH-I	SDH-A	-	10



RESIDENTIAL GRADE

FLUORESCENT PRESET SLIDE DIMMER

PRODUCT FEATURES

- ▶ 120 VAC
- ▶ 600W
- ▶ Magnetic Ballast Only
- ▶ Fits Decorative/GFCI Wallplates

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.
		White	Ivory	
FD503	Single-Pole/3-Way Slide and Switch with Light	FD503-W	FD503-I	10



FD503

RESIDENTIAL GRADE

DIGITAL TIMERS

TIE-7

- ▶ Automatic or Manual operation
- ▶ Push control cover to switch ON/OFF at any time
- ▶ Program up to 16 ON/OFF settings per week
- ▶ Large digital LCD display
- ▶ 3 year warranty
- ▶ Standard decorative wall plate included
- ▶ Built-in memory holds settings indefinitely without power

TIE-7B

- ▶ Automatic or Manual operation
- ▶ Push control ON/OFF at any time
- ▶ 3 year warranty
- ▶ Standard decorative wall plate included
- ▶ 7-Button countdown timer
- ▶ Preset time delay 1, 5, 10, 20, 30 & 60 min.

Cat. No.	Description		Std. Pkg.
TIE-7	7-Day Heavy Duty Digital In-Wall Timer, 120VAC, 60Hz	Resistive rating: 15A, 1800Watts Tungsten rating: 1200Watts Motor Load: 1/2HP	10
TIE-7B	7-Button Preset Time Delay Switch		10



TIE-7



TIE-7B



MODULAR WALL JACKS

PRODUCT FEATURES

- ▶ Standard Wallplate Size (2-3/4" W x 4-1/2" H)
- ▶ Smooth Finish
- ▶ Includes Mounting Hardware

RJ11 JACKS SPEC

- ▶ 6 Positions, 4 Conductors
- ▶ Screw Terminals

F-COUPLING SPEC

- ▶ F-Type Coupler Bulkhead
- ▶ Female to Female

RJ45 CAT5E SPEC

- ▶ 10 Type LAN
- 8 Positions, 8 Conductors
- ▶ Keystone Jacks

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
WJ-64	1 - RJ11 Jack	WJ-64-W	WJ-64-I	50	200
WJ-642	2 - RJ11 Jacks	WJ-642-W	WJ-642-I	50	200
WJ-F	1 - F-Connector	WJ-F-W	WJ-F-I	50	200
WJ-F2	2 - F-Connector	WJ-F2-W	WJ-F2-I	25	200
WJ-64F	1 - RJ11 Jack & F-Connector	WJ-64F-W	WJ-64F-I	25	200
WJ-64F2	1 - RJ11 Jack & 2 - F-Connector	WJ-64F2-W	WJ-64F2-I	25	200



WJ-64



WJ-642



WJ-F



WJ-F2



WJ-64F



WJ-64F2

MODULAR WALL JACKS

PRODUCT FEATURES

- ▶ Standard Wallplate Size (2-3/4" W x 4-1/2" H)
- ▶ Smooth Finish
- ▶ Includes Mounting Hardware
- ▶ Inserted Modular Plates With Decorative Groove

Cat. No.	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
		White			
WJ-88	1 - RJ45 Jack	WJ-88-W		25	200
WJ-882	2 - RJ45 Jacks	WJ-882-W		25	200
WJ-8864	1 - RJ45 Jack & 1 - RJ11 Jack	WJ-8864-W		25	200



WJ-88



WJ-882



WJ-8864

DECORATIVE MODULAR WALL JACKS

PRODUCT FEATURES

- ▶ Two-Piece
- ▶ Standard-Size Decorative Wallplate Size (2-3/4" W x 4-1/2" H)
- ▶ Smooth Finish
- ▶ Includes Mounting Hardware

Cat. No.	Description	Color (Cat. No. - Color Code)			Std. Pkg.	Master Carton
		White	Ivory	Almond		
DWJ-64	1 - RJ11 Jack	DWJ-64-W	DWJ-64-I	DWJ-64-A	25	200
DWJ-642	2 - RJ11 Jacks	DWJ-642-W	DWJ-642-I	DWJ-642-A	25	200
DWJ-F	1 - F-Connector	DWJ-F-W	DWJ-F-I	DWJ-F-A	25	200
DWJ-64F	1 - RJ11 Jack & 1 - F-Connector	DWJ-64F-W	DWJ-64F-I	DWJ-64F-A	25	200



DWJ-64



DWJ-642



DWJ-F



DWJ-64F

COMMERCIAL GRADE

SNAP-ON DECORATIVE LEXAN® WALLPLATES

PRODUCT FEATURES

- ▶ Resistant to High Abuse
- ▶ 2-Piece
(Bracket & Snap-On Face)
- ▶ Screw-less Wall Plates



Cat. No.	Description	Color (Catalog Number - Color Code)				Std. Pkg.	Master Carton
		White	Amond	Black	Ivory		
OPS26	1-GANG	OPS26-W	OPS26-A	OPS26-B	OPS26-I	25	200
OPS262	2-GANG	OPS262-W	OPS262-A	OPS262-B	OPS262-I	25	200
OPS263	3-GANG	OPS263-W	OPS263-A	-	-	10	200
OPS264	4-GANG	OPS264-W	OPS264-A	-	-	10	200
OPS265	5-GANG	OPS265-W	OPS265-A	-	-	10	200



OPS26



OPS262



OPS263



OPS264



OPS265



**SNAP-ON
SCREWLESS
WALLPLATES**

INSTALLATION VIEW



COMMERCIAL GRADE

STANDARD SIZE
LEXAN* WALLPLATES

PRODUCT FEATURES

- ▶ Resistant to High Abuse
- ▶ Painted Screws Included

For Mid-Size and Jumbo
Wallplates :
See Page E30 & E31



Cat. No.	No. of Gangs	Description	Color (Cat. No. - Color Code)					Std. Pkg.	Master Carton
			White	Ivory	Gray	Orange	Red		
OP1	1	Toggle Switch	OP1-W	OP1-I	*OP1-G	-	-	25	200
OP2	2	Toggle Switch	OP2-W	OP2-I	*OP2-G	-	-	25	200
OP3	3	Toggle Switch	OP3-W	OP3-I	-	-	-	10	200
OP4	4	Toggle Switch	OP4-W	OP4-I	-	-	-	10	200
OP5	5	Toggle Switch	OP5-W	OP5-I	-	-	-	10	200
OP6	6	Toggle Switch	OP6-W	OP6-I	-	-	-	10	200
OP8	1	Duplex Receptacle	OP8-W	OP8-I	*OP8-G	OP8-O	OP8-R	25	200
OP82	2	Duplex Receptacle	OP82-W	OP82-I	-	OP82-O	OP82-R	25	200
OP83	3	Duplex Receptacle	OP83-W	OP83-I	-	-	-	10	200
OP84	4	Duplex Receptacle	OP84-W	OP84-I	-	-	-	10	200
OP85	5	Duplex Receptacle	OP85-W	OP85-I	-	-	-	10	200
OP86	6	Duplex Receptacle	OP86-W	OP86-I	-	-	-	10	200



OP1



OP8



OP2



OP82



OP3



OP83

COMMERCIAL GRADE

STANDARD SIZE
LEXAN* WALLPLATES

PRODUCT FEATURES

- ▶ Resistant to High Abuse
- ▶ Painted Screws Included

For Mid-Size and Jumbo
Wallplates :
See Page E30 & E31



Cat. No.	No. of Gangs	Description	Color (Cat. No. - Color Code)					Std. Pkg.	Master Carton
			White	Ivory	Black	Almond	Gray		
OP26	1	Decorative or GFCI	OP26-W	OP26-I	OP26-BK	OP26-A	-	25	200
OP262	2	Decorative or GFCI	OP262-W	OP262-I	OP262-BK	OP262-A	-	25	200
OP263	3	Decorative or GFCI	OP263-W	OP263-I	OP263-BK	OP263-A	-	10	200
OP264	4	Decorative or GFCI	OP264-W	OP264-I	OP264-BK	OP264-A	-	10	200
OP265	5	Decorative or GFCI	OP265-W	OP265-I	OP265-BK	OP265-A	-	10	200
OP266	6	Decorative or GFCI	OP266-W	OP266-I	OP266-BK	OP266-A	-	10	200
OP13	1	Blank (Box Mount)	OP13-W	OP13-I	OP13-BK	OP13-A	*OP13-G	25	200
OP23	2	Blank (Box Mount)	OP23-W	OP23-I	OP23-BK	OP23-A	*OP23-G	25	200
OP33	3	Blank (Box Mount)	OP33-W	OP33-I	OP33-BK	OP33-A	-	10	200
OP43	4	Blank (Box Mount)	OP43-W	OP43-I	OP43-BK	OP43-A	-	10	200
OP11	1	Phone / Cable, 0.406" Dia.	OP11-W	OP11-I	OP11-BK	OP11-A	-	25	200
OP21	2	Phone / Cable, 0.406" Dia.	OP21-W	OP21-I	OP21-BK	OP21-A	-	25	200
OP737	1	Doorbell Push Button, 0.625" Dia.	OP737-W	OP737-I	-	-	-	25	200
OP7	1	Single Receptacle, 1.406" Dia.	OP7-W	OP7-I	-	-	-	25	200
OP72	2	Single Receptacle, 1.406" Dia.	OP72-W	OP72-I	-	-	-	25	200



OP26



OP13



OP11



OP262



OP23



OP21



OP737



OP7



OP72

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COMMERCIAL GRADE

STANDARD SIZE
LEXAN* WALLPLATES

PRODUCT FEATURES

- ▶ Resistant to High Abuse
- ▶ Painted Screws Included

For Mid-Size and Jumbo
Wallplates :
See Page E30 & E31



Cat. No.	No. of Gangs	Description	Color (Cat. No. - Color Code)				Std. Pkg.	Master Carton
			White	Ivory	Black	Almond		
OP113	2	Blank & Toggle Switch	OP113-W	OP113-I	-	-	25	200
OP813	2	Blank & Duplex	OP813-W	OP813-I	-	-	25	200
OP17*	2	Toggle Switch & 1.406" S.R.	OP17-W	OP17-I	-	-	25	200
OP1426	2	Blank (Strap) & Decorative or GFCI	OP1426-W	OP1426-I	OP1426-BK	OP1426-A	25	200
OP18	2	Toggle Switch & Duplex	OP18-W	OP18-I	-	-	25	200
OP126	2	Toggle Switch & Decorative or GFCI	OP126-W	OP126-I	-	-	25	200
OP826	2	Duplex & Decorative or GFCI	OP826-W	OP826-I	-	-	25	200
OP87	2	Duplex & 1.406" S.R.	OP87-W	OP87-I	-	-	25	200
OP226	3	2 Toggle Switches & 1 Decorative or GFCI	OP226-W	OP226-I	-	-	10	200
OP28	3	2 Switches & 1 Duplex	OP28-W	OP28-I	-	-	10	200
OS724-P	1	Painted Steel Power Outlet, 2.156" Dia.	OS724-P-W	OS724-P-I	-	-	25	100
OS703-P	2	Painted Steel Power Outlet, 2.156" Dia.	OS703-P-W	OS703-P-I	-	-	25	100

*Available in Plastic or Painted Steel



OP113



OP813



OP17*



OP1426



OP18



OP126



OP826



OP87



OP226



OP28



OS724-P



OS703-P

COMMERCIAL GRADE

MID-SIZE LEXAN* WALLPLATES

PRODUCT FEATURES

- ▶ 3/8" Wider and 3/8" Higher than Standard Size Wallplates
- ▶ Resistant to High Abuse
- ▶ Painted Screws Included



Cat. No.	No. of Gangs	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
			White	Ivory		
OPM1	1	Toggle Switch	OPM1-W	OPM1-I	25	200
OPM2	2	Toggle Switch	OPM2-W	OPM2-I	25	200
OPM8	1	Duplex Receptacle	OPM8-W	OPM8-I	25	200
OPM82	2	Duplex Receptacle	OPM82-W	OPM82-I	25	200
OPM26	1	Decorative or GFCI	OPM26-W	OPM26-I	25	200
OPM262	2	Decorative or GFCI	OPM262-W	OPM262-I	25	200
OPM13	1	Blank (Box Mount)	OPM13-W	OPM13-I	25	200
OPM23	2	Blank (Box Mount)	OPM23-W	OPM23-I	25	200
OPM126	2	Toggle Switch & Decorative or GFCI	OPM126-W	OPM126-I	25	200
OPM18	2	Toggle Switch & Duplex Receptacle	OPM18-W	OPM18-I	25	200
OPM826	2	Duplex Receptacle & Decorative or GFCI	OPM826-W	OPM826-I	25	200



OPM1



OPM2



OPM8



OPM82



OPM26



OPM262



OPM13



OPM23



OPM126



OPM18



OPM826

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**COMMERCIAL GRADE****JUMBO
LEXAN® WALLPLATES****PRODUCT FEATURES**

- ▶ 3/8" Wider and 3/8" Higher than Standard Size Wallplates
- ▶ Resistant to High Abuse
- ▶ Painted Screws Included



Cat. No.	No. of Gangs	Description	Color (Cat. No. - Color Code)		Std. Pkg.	Master Carton
			White	Ivory		
OPJ1	1	Toggle Switch	OPJ1-W	OPJ1-I	25	200
OPJ8	1	Duplex Receptacle	OPJ8-W	OPJ8-I	25	200
OPJ26	1	Decorative or GFCI	OPJ26-W	OPJ26-I	25	200
OPJ13	1	Blank (Box Mount)	OPJ13-W	OPJ13-I	25	200



OPJ1



OPJ8



OPJ26



OPJ13

WALLPLATE SCREWS**PRODUCT FEATURES**

- ▶ #6-32 Slot Painted Screws

Cat. No.	Description	Color (Catalog Number - Color Code)		Std. Pkg.	Master Carton
		White	Ivory		
CPS-516	5/16" Cover Plate Screw, Painted	CPS-516-W	CPS-516-I	100	1000
CPS-50	1/2" Cover Plate Screw, Painted	CPS-50-W	CPS-50-I	100	1000
CPS-75	3/4" Cover Plate Screw, Painted	CPS-75-W	CPS-75-I	100	1000
CPS-100	1" Cover Plate Screw, Painted	CPS-100-W	CPS-100-I	100	1000



CPS-516



CPS-50



CPS-75



CPS-100

COMMERCIAL GRADE

STAINLESS STEEL WALLPLATES

PRODUCT FEATURES

- Fine Brushed Finish
- Resistant to High Abuse
- Stainless Screws Included

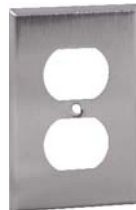
Cat. No.	No. of Gangs	Description	Std. Pkg.	Master Carton
OS13	1	Blank	25	200
OS23	2	Blank	25	100
OS33	3	Blank	10	100
OS43	4	Blank	10	100
OS1	1	Toggle Switch	25	200
OS2	2	Toggle Switch	25	100
OS3	3	Toggle Switch	10	100
OS4	4	Toggle Switch	10	100
OS8	1	Duplex Receptacle	25	200
OS82	2	Duplex Receptacle	25	100
OS83	3	Duplex Receptacle	10	100
OS84	4	Duplex Receptacle	10	100
OS26	1	Decorative or GFCI	25	200
OS262	2	Decorative or GFCI	25	100
OS263	3	Decorative or GFCI	10	100
OS264	4	Decorative or GFCI	10	100



OS13



OS1



OS8



OS26



OS23



OS2



OS82



OS262

COMMERCIAL GRADE

STAINLESS STEEL WALLPLATES

PRODUCT FEATURES

- Fine Brushed Finish
- Resistant to High Abuse
- Stainless Screws Included

Cat. No.	No. of Gangs	Description	Std. Pkg.	Master Carton
OS7	1	Single Receptacle, 1.406" Dia.	25	200
OS705	1	Single Receptacle, 1.625" Dia.	25	200
OS11	1	Phone/Cable, 0.406" Dia.	25	200
OS737	1	Doorbell Push Button, 0.625" Dia.	25	200
OS724	1	Power Outlet, 2.156" Dia.	25	200
OS113	2	One Toggle Switch & Blank	25	100
OS18	2	Toggle Switch & Duplex Receptacle	25	100
OS126	2	Toggle Switch & Decorative or GFCI	25	100
OS826	2	Duplex Receptacle & Decorative or GFCI	25	100
OS21	2	Phone/Cable 0.406" Dia.	25	100
OS703	2	Power Outlet, 2.156" Dia.	25	100
OS701	2	Power Outlet, 2.468" Dia.	25	100
OS226	3	Two Toggle Switches & Decorative or GFCI	10	100



OS7



OS705



OS11



OS737



OS724



OS113



OS18



OS126



OS826



OS21



OS703



OS701



OS226



CONSTRUCTION LAMP SOCKET

PRODUCT FEATURES

- ▶ 250V, 660W
- ▶ Heavy Duty
- ▶ Aluminum screw shell with Rubber Housing
- ▶ With 6"-Long #14AWG Leads
- ▶ Sealed in rubber booth

Cat. No.	Description	Color	Std. Pkg.
CLS	Medium-Base Lamp Socket	Black	25



CLS

FLOOR BOX ACCESSORIES

Cat. No.	Description
RP-100-BR	Round Plug 1" for R1G & R2G Covers - Brass
RP-100-SS	Round Plug 1" for R1G & R2G Covers - Stainless Steel
KJH4P-W	Keystone Jack Holder 4-Port - White
KJF-W	Keystone Jack F-Connector - White
KJB-W	Keystone Jack Blank - White
KJH-W	Keystone Jack Holder HDMI - White
KJC5E-W	Keystone Jack CAT5E - White
KJC6-W	Keystone Jack CAT6 - White
KJC6A-W	Keystone Jack CAT6A - White



KJH4P-W



RP-100-BR



RP-100-SS



KJF-W



KJB-W



KJH-W



KJC5E-W



KJC6-W



KJC6A-W

**UNIVERSAL
PROTECTIVE COVERS**

Cat. No.	Description	Std. Pkg.
UPC	Gangable, Steel Universal Protective Cover protects any device during drywall, painting, routing, mudding & plastering.	25
UPCTS	Optional Plastic Insert for UPC to protect Toggle Switch.	25



UPC



UPCTS

**5" ROUND
CLOSURE PLATES**
PRODUCT FEATURES

- ▶ Universal Mounting Strap
- ▶ For Covering Up Unused 30 or 40 Boxes

Cat. No.	Description	Std. Pkg.
CP-5	Hard Aluminum 5" Dia. Blank Cover Plate; White	50
CP-5NM	Heavy-duty PVC 5" Dia. Twist-On Box Cover; White	50


**GARBAGE DISPOSAL
REPLACEMENT CORDS**
PRODUCT FEATURES

- ▶ 125VAC
- ▶ 16/3 AWG
- ▶ 3-Conductor

Cat. No.	Description	Length Ft.	AMPS	Watts	Color	Product Packaging	Std. Pkg.
PT163S-3	Straight U-Ground Plug	3	13	1625	Gray	Wrapper	100
PT163S-6	Straight U-Ground Plug	6	13	1625	Gray	Wrapper	100
PT163A-3	Right Angle U-Ground Plug	3	13	1625	Gray	Wrapper	100
PT163A-6	Right Angle U-Ground Plug	6	13	1625	Gray	Wrapper	100

PT163S-3
PT163S-6PT163A-3
PT163A-6



PHOTOELECTRIC CONTROLS

PRODUCT FEATURES

- ▶ 1.5VA Power Consumption
- ▶ 6-20 Lx On Level
- ▶ 30-60 Lx Off Level
- ▶ 2-Year Warranty

Cat. No.	Description	Rating		Std. Pkg.
		Tungsten	Ballast	
PC-1	120V 50/60Hz, Standard Contractor Grade	2000 W	1900VA	12
PC-1-277	208/277V 50/60Hz, Standard Contractor Grade	2000 W	1900VA	12
PC-1S	120V 50/60Hz, Swivel-Type	1200 W	1000VA	12
PC-1SH	120V 50/60Hz, High-Wattage Swivel-Type	2000 W	1900VA	12
PC-1F	120V 50/60Hz, Wire-In Flush Model	500 W	850VA	12
PC-1F-277	208/277V 50/60Hz, Wire-In Flush Model	500 W	850VA	12
PC-1P	120V 50/60Hz, with Weatherproof Plate & Gasket	500 W	850VA	12
PC-1T	120~277V 50/60Hz, Twist Lock E-Ballast: 8A@120VAC, 5A@208-277VAC	1000 W	1800VA	12



PC-1
PC-1-277



PC-1S



PC-1SH



PC-1F
PC-1F-277



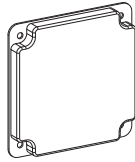
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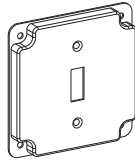
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Wiring Devices

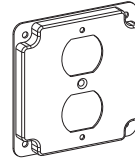
See Steel Industrial Covers on Page A13 & A20



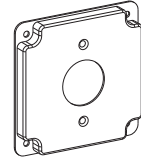
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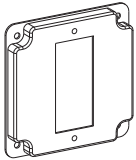
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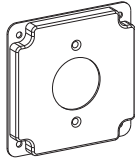
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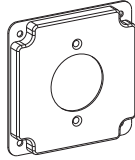
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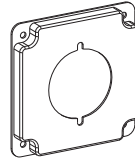
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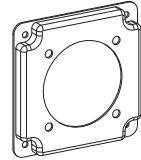
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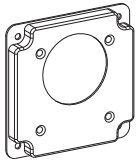
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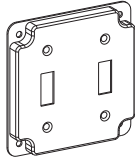
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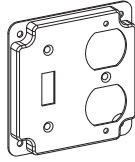
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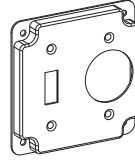
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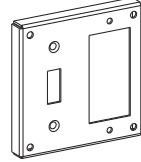
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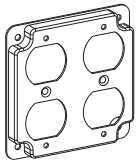
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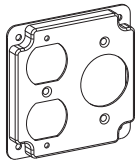
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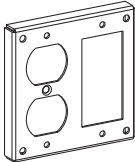
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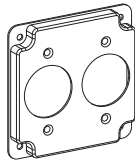
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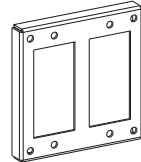
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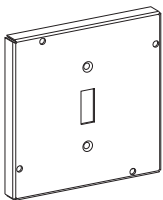
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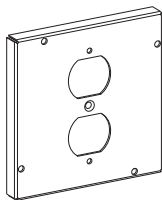
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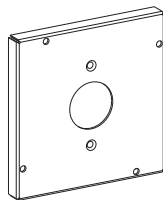
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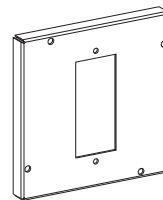
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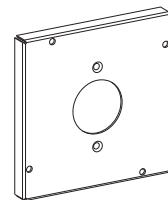
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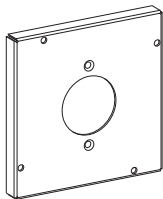
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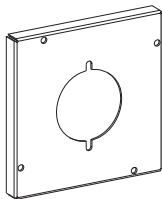
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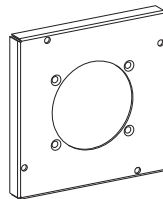
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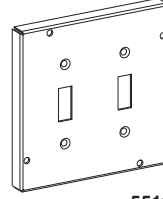
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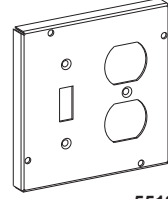
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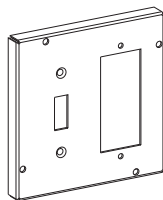
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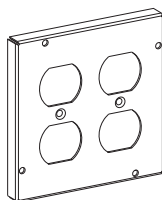
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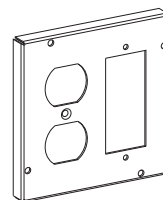
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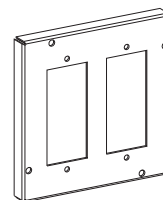
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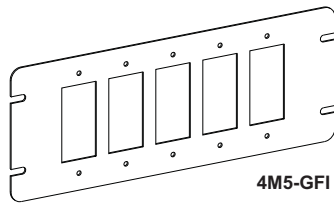


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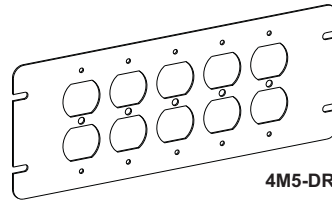


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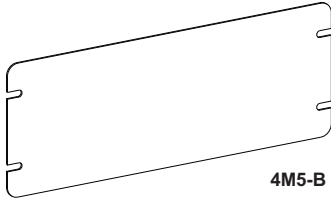
See Multigang and Handy Box Device Covers on Page A27 & A32



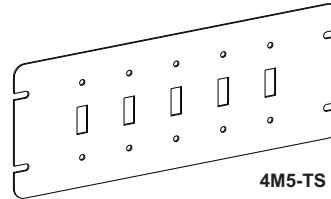
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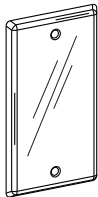
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4M5-B



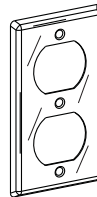
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HBC-B



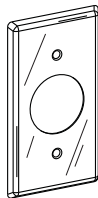
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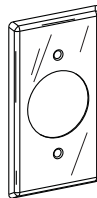
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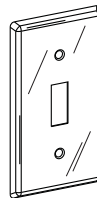
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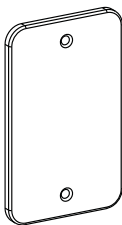
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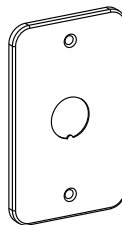
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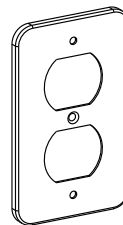
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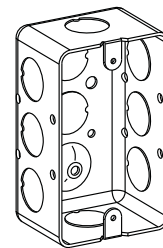
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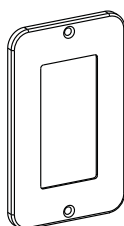
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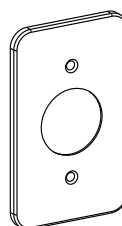
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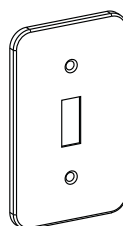
WDHB-1-50



WHBC-GFI



WHBC-SR



WHBC-TS



Exit & Emergency Lighting





Orbit Industries stocks a huge inventory of Emergency Lights and Exit Signs. With distribution centers on both coasts, Orbit can deliver these fixtures in the continental US in three days or less! Orbit LED Exit Signs range from economy-grade plastic signs to spec grade aluminum and edge-lit designs. Emergency Lights range from lightweight models to high-power PAR-style battery units. Available for most applications including multi-family, commercial, light industrial, and outdoor wet locations. All models are UL924 Listed for damp or wet locations. Battery diagnostic switches make these units easy to test per NFPA 101 requirements. These fixtures also meet IBC and IFC codes adopted by most states in the U.S.A. New York City and Chicago approved emergency lighting are also available.

EL2SML | **Pg. F4**



SUPER MICRO **NEW**

The EL2SML is one of the most compact commercial LED Emergency Lights on the market. Measuring 7.86", it is roughly half the width of standard emergency lights.

Two LED lamps can be hand-adjusted in a full range of motion. Suitable for wall or ceiling mounting. An additional lighting head can be powered by the EL2SML when Remote Capable (RC) battery option is specified. Available in white or black thermoplastic housing.

EL1DOL | **Pg. F5**



**SHINE BRIGHT EVEN
IN WET LOCATIONS** **NEW**

The EL1DOL is a General Purpose Outdoor LED Light and Emergency Light in one unit. Its low profile die-cast aluminum housing makes it a stylish replacement for security wallpacks. The EL1DOL is UL Wet Location listed. It produces 1286 lumen output in AC mode; 350 lumen output in emergency mode.

Available in White, Bronze, Black and Nickel housing finish. Optional Battery Heater and dusk-to-dawn Photocell also available.



EST | Pg. F9



**INCREDIBLY THIN,
ONLY 0.86" WIDE**

NEW

The EST is one of the slimmest LED Exit Signs on the market. Measuring 0.86" deep, the EST is roughly half the depth of standard exit signs. Despite its size, the EST meets all the same requirements and listings as standard models. Its low profile and elegant lines complement upscale interior decor.

Includes two 'EXIT' faceplates for single or double-face application. A canopy is also included for ceiling or end mounting. Available in Red or Green LED and White or Black plastic housing finish.

Exit & Emergency

ESBL2L | Pg. F18



**SLEEK WET LOCATION
COMBO UNIT**

NEW

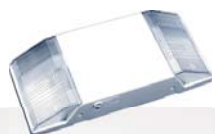
The ESBL2L satisfies outdoor exit sign and emergency lighting requirements with one unit. An impact-resistant polycarbonate shield protect the exit sign face(s). A gasket around the lens creates a watertight seal, protecting electronics from corrosion. Two adjustable 3.6W LED lamp heads provide optimal center-to-center spacing.

Available in White, Black or Grey ABS plastic housing. Options include Self Diagnostic Testing, Remote Capable battery, and Internal Battery Heater for cold weather.


EL2N-W

EL2NM-LED-W

EL2H-W

EL2HM-LED-W

EL2F-W

EL2FM-LED-W

EL2SML-W

EL2JL-W

EL2RC6-W **NEW**

EL1DOL-BR **NEW**

EL2LR-W **NEW**

EL2T6/EL2T12

EL2H-WP-GY

EL2H-WP-LED-GY

EL2TN4

EL2TN4-LED-GY

EST-W-G **NEW**

ESBLM-W-R

ESBL-W-R

ESL-W-R

ESLA-B-A-1-G

ESLAM-B-A-1-G

ESI-G/ESI-R

ESN-B-G-1



ESSE-A-2-R



ESRE-A-2-G



EECMPL-W-R **NEW**



EECLM-LED-W-R **NEW**



EECLMS-W-G **NEW**



EECLP-LED-W-1-R



EESLA-LED-A-A-1-G



EECLA-W-G



ESLN4M-W-1-G



ESLN4-R



ESBL2L-GY-1-R **NEW**



ESBL2N4-G



SSBL-R



SECL-G



CESL



CESSE



CESRE



CEL2



NYESL



NYESSE



NYESRE



NYESLA



NYEECL



NYELX



LRHS-1

NEW



LRHS-2

NEW



LRHS-WP-1

NEW



LRHS-WP-2

NEW



RH16-1



RH16-2



RH36-1



RH36-2



RH36WP-1



RH36WP-2



PCS-R



PCS-D



WG-15



NEW

WG-30



REPLACEMENT BATTERIES



LRK-HW



LRK-SI



BAL500



BAL650C



BAL3000



LBAL SERIES



UCL-21

EL2N

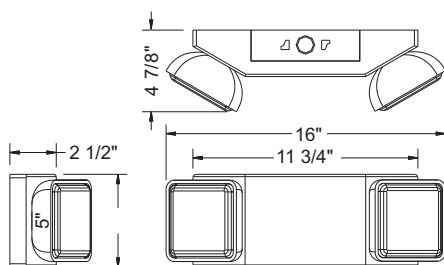
ADJUSTABLE SQUARE HEAD EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Two fully adjustable, glare-free 6V 5.4W T5 Wedge Base Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern with Quick-Connect
- ▶ Conduit Mount Knockout on top of housing (**HO Only**)
- ▶ Suitable for wall and ceiling mounting
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 6V, 4.5AH (HO: 7AH) Sealed Lead-Acid Battery
- ▶ Fully automatic operation
- ▶ Remote Capable for up to 2 additional Lamp Heads (**HO Only**)



EL2N-W



Cat. No.	Housing Color	Options
EL2N	W (White) B (Black)	HO (High Output) SDT (Self Diagnostic Test)

Exit & Emergency

EL2NM-LED

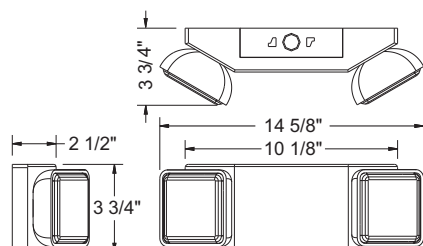
MICRO ADJUSTABLE SQUARE HEAD LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving ultra-bright LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully adjustable, glare-free Lamp Heads
- ▶ Universal Mounting Pattern with Quick-Connect
- ▶ Conduit Mount Knockout on top of housing
- ▶ Suitable for wall and ceiling mounting
- ▶ High Performance Chrome Plated Reflector
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 3.6V NiCd Battery
- ▶ Fully automatic operation
- ▶ Remote Capable for up to 2 additional Lamp Heads (**HO Only**)



EL2NM-LED-W



Cat. No.	Housing Color	Options
EL2NM-LED	W (White) B (Black)	HO (High Output) SDT (Self Diagnostic Test)



EL2H

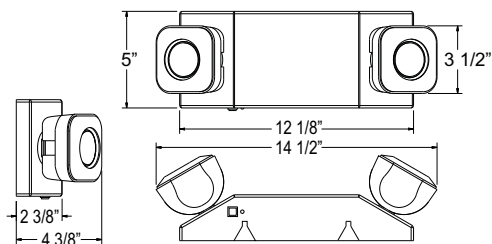
ADJUSTABLE MR16 HEAD EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Two fully adjustable, glare-free 6V 5W MR16 Halogen Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern with Quick-Connect
- ▶ Conduit Mount Knockout on top of housing (**HO Only**)
- ▶ Suitable for wall and ceiling mounting
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 6V, 4.5AH (HO: 7AH) Sealed Lead-Acid Battery
- ▶ Fully automatic operation
- ▶ Remote Capable for up to 2 additional Lamp Heads (10.8W Max) (**HO Only**)



EL2H-W



Cat. No.	Housing Color	Options
EL2H	W (White) B (Black)	HO (High Output) SDT (Self Diagnostic Test)

EL2HM-LED

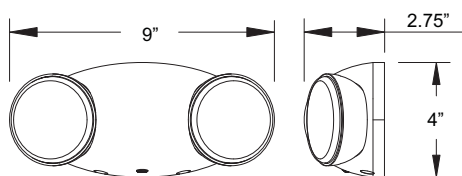
MICRO ADJUSTABLE ROUND HEAD LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving ultra-bright LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully adjustable, glare-free Lamp Heads
- ▶ Universal Mounting Pattern with 1/2" Knockout
- ▶ Suitable for wall and ceiling mounting
- ▶ High Performance Chrome Plated Reflector
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 3.6V NiCd Battery
- ▶ Fully automatic operation



EL2HM-LED-W



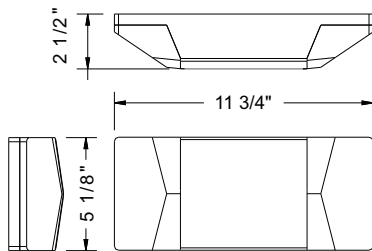
Cat. No.	Housing Color	Options
EL2HM-LED	W (White) B (Black)	HO (High Output)

EL2F

FIXED HEAD EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Two glare-free 6V 5.4W T5 Wedge Base Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern with Quick Connect
- ▶ Suitable for wall and ceiling mounting
- ▶ Fixed Optics Prismatic Lenses
- ▶ Stylish Flush Heads
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 6V, 4.5AH Sealed Lead-Acid Battery
- ▶ Fully automatic operation



EL2F-W



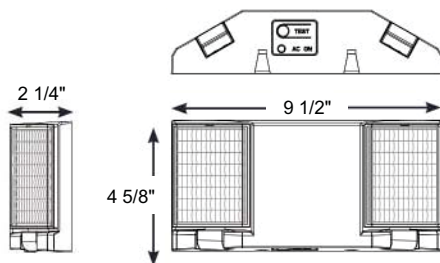
Cat. No.	Housing Color
EL2F	W (White) B (Black)

EL2FM-LED

MICRO ADJUSTABLE LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving ultra-bright LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully adjustable, glare-free Lamp Heads
- ▶ Universal Mounting Pattern with Quick Connect
- ▶ Conduit Mount Knockout on top of housing
- ▶ Suitable for wall and ceiling mounting
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 3.6V NiCd Battery
- ▶ Fully automatic operation



EL2FM-LED-W



Cat. No.	Housing Color
EL2FM-LED	W (White) B (Black)

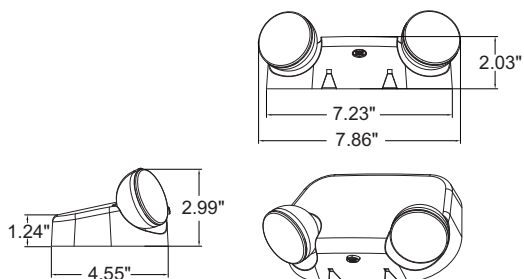


EL2SML

SUPER MICRO ADJUSTABLE HEAD LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving ultra-bright LED Lamps (0.5W per lamp head)
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully adjustable, glare-free Lamp Heads
- ▶ Universal Mounting Pattern with Quick-Connect
- ▶ Suitable for wall and ceiling mounting
- ▶ Push-to-Test Switch
- ▶ LED indicator light alerts occupant of battery level
- ▶ Maintenance-free 3.6V NiCd Battery
- ▶ Fully automatic operation


NEW


EL2SML-W

Cat. No.	Housing Color	Options
EL2SML	W (White) B (Black)	RC (Remote Capacity)

EL2JL

FULLY ADJUSTABLE BALL JOINT LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving ultra-bright LED Lamps (1.7W per lamp head)
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Ball Joints allow for fully adjustable, glare-free Lamp Heads
- ▶ Universal Mounting Pattern with Quick-Connect
- ▶ Conduit Mount Knockout on top of housing
- ▶ Suitable for wall and ceiling mounting
- ▶ High Performance Chrome Plated Reflector
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 3.6V NiCd Battery
- ▶ Fully automatic operation

*Special voltage options available, contact Orbit Industries for details


NEW


EL2JL-W

Cat. No.	Housing Color
EL2JL	W (White) B (Black)

EL2RC

REMOTE CAPABLE ADJUSTABLE MR16 HEAD EMERGENCY LIGHT

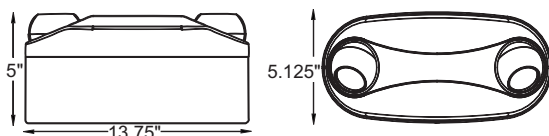
PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Two fully adjustable, glare-free 6V 12W MR16 Halogen Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern with Quick-Connect
- ▶ Conduit Mount Knockout on top of housing
- ▶ Compatible with drop ceiling mounting installations
- ▶ Suitable for wall and ceiling mounting
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 6V Sealed Lead-Acid Battery/Batteries
- ▶ Fully automatic operation
- ▶ Higher capacity battery offers 26W of Remote Capacity

NEW



EL2RC6-W



Cat. No.	Housing Color	Options
EL2RC6 (6 Volt) EL2RC12 (12 Volt)	W (White) B (Black)	L (3.3W LED MR16 Cool White Bulb)

Exit & Emergency

EL1DOL

DECORATIVE WET LOCATION LED EMERGENCY LIGHT

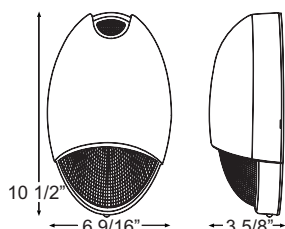
PRODUCT FEATURES

- ▶ Universal Voltage 120~277VAC Operation
- ▶ UL Listed for Wet Location
- ▶ Suitable for cold weather with heater option (-10°C - 40°C)
- ▶ 12W, 5000K Energy Saving LED Lamp
- ▶ 1286 lumens standard and 350 lumens in Emergency mode
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Die Cast Aluminum Housing with Powder Coated Finish
- ▶ Universal Mounting Plate
- ▶ Threaded opening at top of enclosure for Conduit Mounting
- ▶ Suitable for wall and ceiling mounting
- ▶ Can be used as a Normal Light or an Emergency Light
- ▶ **Built-In Photocell**
- ▶ Self Diagnostic Testing Standard
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 4.8V Rechargeable NiCd Battery
- ▶ Fully automatic operation

NEW



EL1DOL-BR



Cat. No.	Housing Color	Option
EL1DOL	W (White) BR (Bronze) B (Black) N (Nickel)	HTR (Internal Heater)

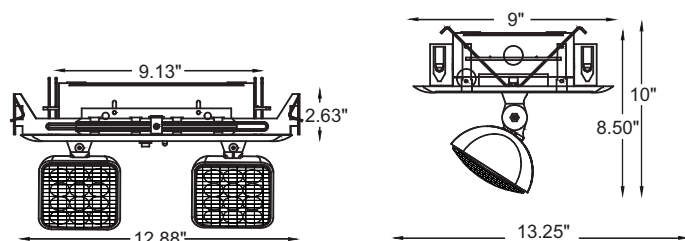


EL2LR

RECESSED LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ Two fully adjustable 1W LED Lamp Heads
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Durable 20 Gauge Steel Trim Plate
- ▶ Adjustable Bar Hanger up to 24" for Recessed Mounting
- ▶ Push-to-Test Switch
- ▶ High capacity battery offers 10W of Remote Capacity
- ▶ Maintenance-free 6V, Rechargeable Sealed Lead-Acid Battery
- ▶ Fully automatic operation


NEW


EL2LR-W



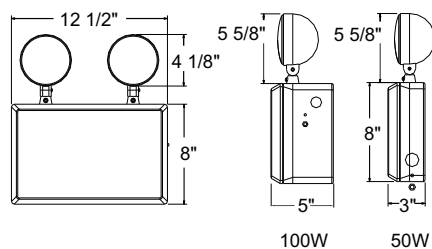
Cat. No.	Housing Color
EL2LR	W (White) B (Black)

EL2T6/EL2T12

HIGH OUTPUT EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic Knockout on back of housing for wall mount
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 6V Sealed Lead-Acid Battery
- ▶ Fully automatic operation



EL2T6/EL2T12

Cat. No.	Voltage	Output	Lamp Wattage
EL2T650	6V	50W	2 x 7.2W
EL2T6100	6V	100W	2 x 7.2W
EL2T1250	12V	50W	2 x 7.2W
EL2T12100	12V	100W	2 x 7.2W

EL2H-WP

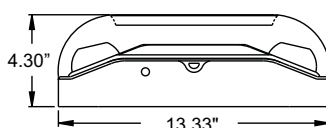
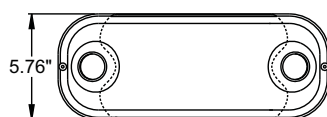
ADJUSTABLE WET LOCATION EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Wet Location
- ▶ Two fully adjustable, glare-free 6V, 7W MR16 Halogen Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Plate
- ▶ Surface wall mount only
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 6V, 4.5AH Sealed Lead-Acid Battery
- ▶ Fully automatic operation



EL2H-WP-GY



Cat. No.	Housing Color
EL2H-WP	GY (Grey) B (Black)

EL2H-WP-LED

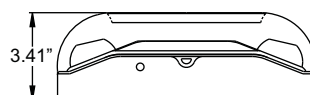
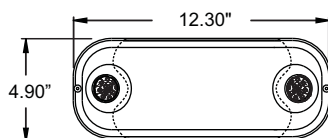
ADJUSTABLE WET LOCATION LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Wet Location
- ▶ Long-lasting, Energy Saving ultra-bright LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully adjustable, glare-free Heads
- ▶ Universal Mounting Pattern with 1/2" Knockout in back
- ▶ Surface wall mount only
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 3.6V NiCd Battery
- ▶ Fully automatic operation



EL2H-WP-LED-GY



Cat. No.	Housing Color
EL2H-WP-LED	GY (Grey) B (Black)

EL2TN4

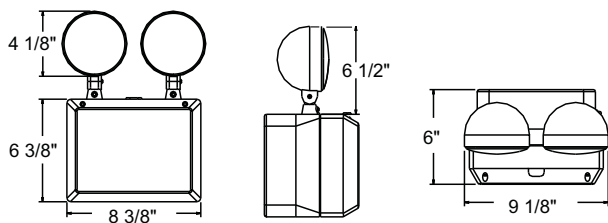
REMOTE HEAD WET LOCATION EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Wet Location
- ▶ Suitable for cold weather **with heater option (-10°C - 40°C)**
- ▶ Two fully adjustable 6V 7.2W T5 Wedge Base Waterproof Lamp Heads
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully Gasketed Corrosion-Resistant Enclosure
- ▶ Surface wall mount only
- ▶ Sealed Push-to-Test Switch
- ▶ White housing only
- ▶ Maintenance-free 6V, 10AH Sealed Lead-Acid Battery
- ▶ Fully automatic operation



EL2TN4



Cat. No.	Options
EL2TN4	HTR (Internal Heater)

EL2TN4-LED

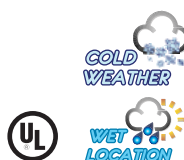
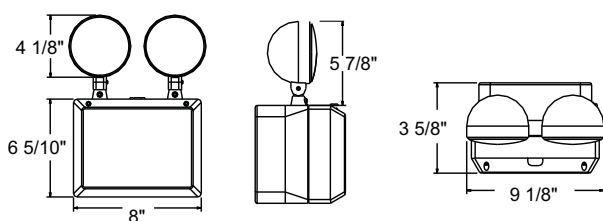
REMOTE HEAD WET LOCATION LED EMERGENCY LIGHT

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Wet Location
- ▶ Suitable for cold weather (-10°C - 40°C)
- ▶ Two fully adjustable ultra-bright LED Lamp Heads
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully Gasketed Corrosion-Resistant Enclosure
- ▶ Surface wall mount only, brackets included
- ▶ Sealed Push-to-Test Switch
- ▶ Maintenance-free 9.6V NiCd Battery
- ▶ Fully automatic operation



EL2TN4-LED-GY



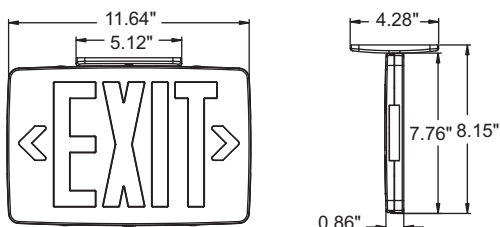
Cat. No.	Housing Color
EL2TN4-LED	GY (Grey) B (Black)

EST

THIN THERMOPLASTIC LED EXIT SIGN

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling or end mounting included
- ▶ Available in either Single or Double-Face
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 1.2V NiCd Battery
- ▶ Fully automatic operation



EST-W-G

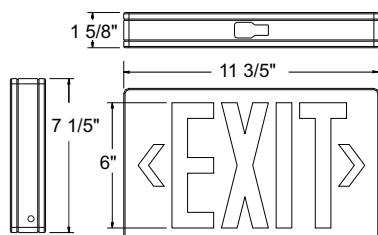
Cat. No.	Housing Color	Letter Color	Operation
EST	W (White) B (Black)	R (Red) G (Green)	EB (Battery Back-Up) AC (AC Only)

ESBLM

MICRO THERMOPLASTIC LED EXIT SIGN WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling or end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 2.4V NiCd Battery
- ▶ Fully automatic operation



ESBLM-W-R

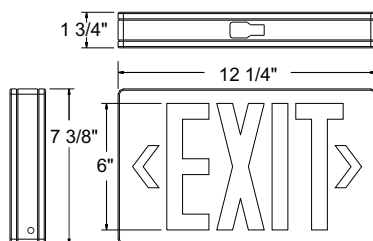
Cat. No.	Housing Color	Letter Color	Options
ESBLM	W (White) B (Black)	R (Red) G (Green)	RC (Remote Capacity)

**ESBL**

*THERMOPLASTIC LED EXIT SIGN
WITH BATTERY BACK-UP*

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling or end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 4.8V NiCd Battery
- ▶ Fully automatic operation



ESBL-W-R



Cat. No.	Housing Color	Letter Color	Options
ESBL	W (White) B (Black)	R (Red) G (Green)	SDT (Self Diagnostic Test) RC (Remote Capable)

ESL

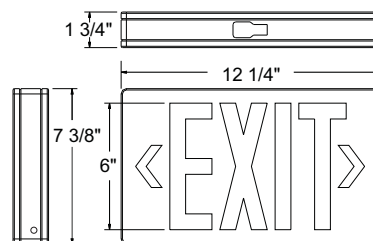
THERMOPLASTIC AC ONLY LED EXIT SIGN

ESL2C

*THERMOPLASTIC DUAL CIRCUIT LED EXIT SIGN
(AC/GENERATOR BACK-UP)*

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling or end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face



ESL-W-R



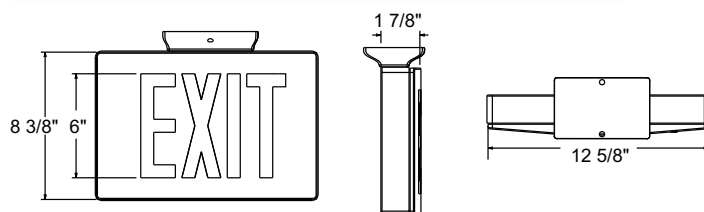
Cat. No.	Housing Color	Letter Color
ESL (AC Only) ESL2C (Dual Circuit)	W (White) B (Black)	R (Red) G (Green)

ESLA**CAST ALUMINUM LED EXIT SIGN****PRODUCT FEATURES**

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation **(EB Only)**
- ▶ Premium Grade Aluminum Housing
- ▶ Universal Mounting Pattern
- ▶ Aluminum Canopy for ceiling or end mounting included
- ▶ Knockout Chevrons Directional Indicators
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 4.8V NiCd Battery **(EB Only)**
- ▶ Fully automatic operation **(EB Only)**



ESLA-B-A-1-G



Cat. No.	Housing Color	Faceplate	No. of Faces	Letter Color	Operation	Options
ESLA	A (Aluminum) W (White) B (Black)	A (Aluminum) W (White) B (Black)	1 2	R (Red) G (Green)	EB (Battery Back-Up) AC (AC Only)	SDT (Self Diagnostic Test) 2C (Dual-Circuit Operation) TP (Tamper-Proof)

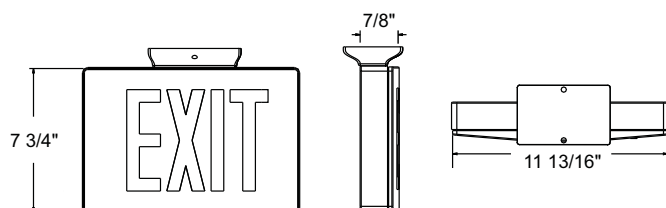
Exit & Emergency

ESLAM**MICRO CAST ALUMINUM LED EXIT SIGN****PRODUCT FEATURES**

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation **(EB Only)**
- ▶ Premium Grade Aluminum Housing
- ▶ Universal Mounting Pattern
- ▶ Aluminum Canopy for ceiling or end mounting included
- ▶ Knockout Chevrons Directional Indicators
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 2.4V NiCd Battery **(EB Only)**
- ▶ Fully automatic operation **(EB Only)**



ESLAM-B-A-1-G



Cat. No.	Housing Color	Faceplate	No. of Faces	Letter Color	Operation
ESLAM	B (Black)	A (Aluminum) W (White) B (Black)	1 2	R (Red) G (Green)	EB (Battery Back-Up) AC (AC Only)

ESI

SELF-ILLUMINATING LOW-LEVEL EXIT SIGN

PRODUCT FEATURES

- ▶ Non-Electrical, Non-Nuclear
- ▶ Non-Radioactive
- ▶ UL Listed
- ▶ Minimum 5 Foot-Candles (54 Lux) external unfiltered Fluorescent
- ▶ Rated viewing distance of 50 feet
- ▶ Aluminum Body
- ▶ Photoluminescent Surface
- ▶ Built-in wall mount
- ▶ Field Applied Chevrons Included
- ▶ Single face only

Mounting Bracket Included

Illuminated

Cat. No.	Letter Color
ESI	R (Red) G (Green)

(From Top) ESI-G/ESI-R

ESN

SELF-ILLUMINATING TRITIUM (NUCLEAR) EXIT SIGN

PRODUCT FEATURES

- ▶ Tritium-Powered Self-Illuminating
- ▶ Non-Electrical, Nuclear
- ▶ UL Listed for Wet Location
- ▶ Non-Radioactive and Non-Explosive
- ▶ 10 Foot candles ambient lighting
- ▶ Rated viewing distance of 100 feet
- ▶ Surface Mount Bracket
- ▶ Letter-shaped light tubes for best lighting
- ▶ Field applied chevrons included



ESN-B-G-1

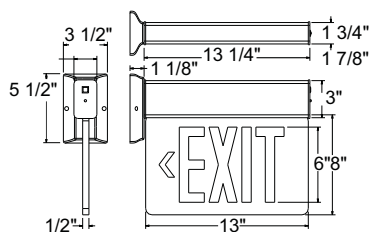
Cat. No.	Housing Color	Faceplate	No. of Faces	Life in Years
ESN	W (White) B (Black)	R (Red) G (Green)	1 2	10 20

ESSE

SURFACE MOUNT EDGE-LIT LED EXIT SIGN

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation (**EB Only**)
- ▶ Premium Grade Extruded Aluminum Housing
- ▶ Aluminum Canopy for wall, ceiling, or end mounting included
- ▶ Field applied Chevrons Included
- ▶ UV Stabilized ultra clear acrylic Edge Lit Panel
- ▶ Single-Face Panels are **Clear**, Double-Face Panels are **Opaque**
- ▶ Push-to-Test Switch
- ▶ Long life, Maintenance-free 4.8V NiCd Battery (**EB Only**)
- ▶ Fully automatic operation (**EB Only**)



Cat. No.	Casing Color	No. of Faces	Letter Color	Operation	Options
ESSE	A (Aluminum)	1	R (Red)	EB (Battery Back-Up)	SDT (Self Diagnostic Test)
	W (White)	2	G (Green)	AC (AC Only)	2C (Dual-Circuit Operation)
	B (Black)				



ESSE-A-2-R

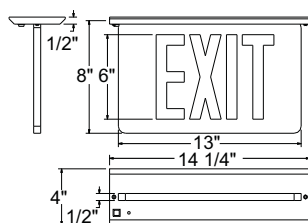
Exit & Emergency

ESRE

RECESSED MOUNT EDGE-LIT LED EXIT SIGN

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation (**EB Only**)
- ▶ Premium Grade Extruded Aluminum Housing
- ▶ Adjustable Bar Hanger up to 24" for Recessed Mount
- ▶ Field applied Chevrons Included
- ▶ UV Stabilized ultra clear acrylic Edge Lit Panel
- ▶ Single-Face Panels are **Clear**, Double-Face Panels are **Opaque**
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 4.8V NiCd Battery (**EB Only**)
- ▶ Fully automatic operation (**EB Only**)



Cat. No.	Casing Color	No. of Faces	Letter Color	Operation	Options
ESRE	A (Aluminum)	1	R (Red)	EB (Battery-Back Up)	SDT (Self Diagnostic Test)
	W (White)	2	G (Green)	AC (AC Only)	2C (Dual-Circuit Operation)
	B (Black)				



ESRE-A-2-G

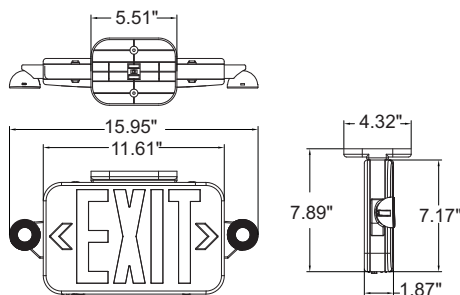


EECMPL

MICRO LED EMERGENCY LIGHT/EXIT SIGN COMBO UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection-Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Round Fully adjustable LED Lamp Heads packaged inside Exit Sign Housing for petite packaging
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face
- ▶ LED indicator light alerts occupant of battery level
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 3.6V, NiCd Battery
- ▶ Fully automatic operation


NEW


EECMPL-W-R



Emergency Lights
ship inside
Exit Sign for Space
Saving Packaging

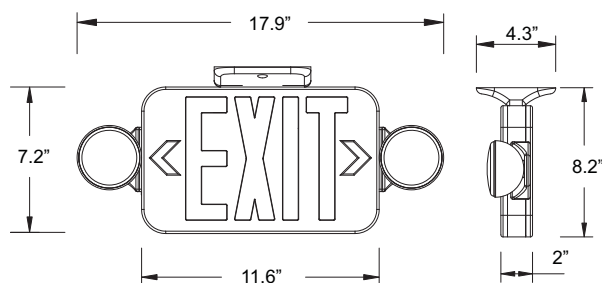
Cat. No.	Housing Color	Letter Color	Options
EECMPL	W (White) B (Black)	R (Red) G (Green)	RC (Remote Capacity)

EECLM-LED

MICRO LED EMERGENCY LIGHT/EXIT SIGN COMBO UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection-Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully adjustable LED Lamp Heads
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face
- ▶ Push to Test Switch
- ▶ Maintenance free 3.6V, NiCd Battery
- ▶ Fully automatic operation


NEW


EECLM-LED-W-R

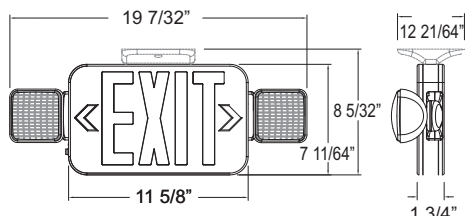
Cat. No.	Housing Color	Letter Color
EECLM	W (White) B (Black)	R (Red) G (Green)

EECLMS

MICRO LED EMERGENCY LIGHT/EXIT SIGN COMBO UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection-Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully adjustable Square LED Lamp Heads
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate included for field conversion to Double-Face
- ▶ Push-to-Test Switch
- ▶ Maintenance-free 3.6V, NiCd Battery
- ▶ Fully automatic operation



NEW



EECLMS-W-G

Cat. No.	Housing Color	Letter Color	Options
EECLMS	W (White) B (Black)	R (Red) G (Green)	SDT (Self Diagnostic Test) RC (Remote Capacity)

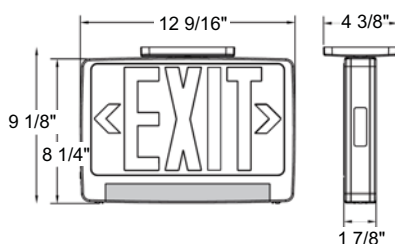
Exit & Emergency

EECLP-LED

LED TUBE EMERGENCY LIGHT/EXIT SIGN COMBO UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ Adjustable LED Emergency Light beneath Exit Sign
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling or end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Push-to-Test Switch
- ▶ Two Maintenance-free 4.8V NiCd Batteries
- ▶ Fully automatic operation
- ▶ Remote Capable for up to 2 additional Lamp Heads



EECLP-LED-W-1-R

Cat. No.	Housing Color	No. of Faces	Letter Color	Options
EECLP-LED	W (White) B (Black)	1 2	R (Red) G (Green)	SDT (Self Diagnostic Test)



EESLA-LED

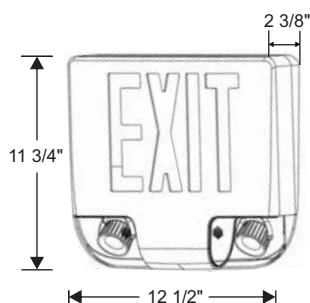
CAST ALUMINUM LED EMERGENCY LIGHT/
EXIT SIGN COMBO UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

- Dual-Voltage Input 120/277VAC Operation
- UL Listed for Damp Location
- Long-lasting, Energy Saving LED Lamps
- Two high powered, fully adjustable LED Lamp Heads
- 90 Minutes Minimum Emergency Operation
- Heavy-Duty Premium Grade Aluminum Housing
- Universal Mounting Pattern
- Aluminum Canopy for ceiling or end mounting included
- Knockout Chevrons Directional Indicators
- Push-to-Test Switch
- Maintenance-free 8.4V NiCd Battery
- Fully automatic operation



EESLA-LED-A-A-1-G



Cat. No.	Housing Color	Faceplate	No. of Faces	Letter Color
EESLA-LED	A (Aluminum)	A (Aluminum)	1	R (Red)
	W (White) B (Black)	W (White) B (Black)	2	G (Green)

EECLA

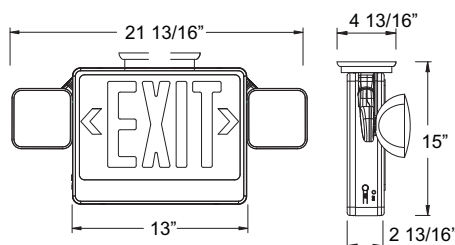
EMERGENCY LIGHT/LED EXIT SIGN
COMBO UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

- Dual-Voltage Input 120/277VAC Operation
- UL Listed for Damp Location
- Two 6V 5.4W T5 Wedge Base Lamp Heads with **fully adjustable lamp arms**
- Long-lasting, Energy Saving LED Lamps
- 90 Minutes Minimum Emergency Operation
- Injection-Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- Universal Mounting Pattern
- Canopy for end mounting included
- Easy Snap-out Chevrons Directional Indicators
- Extra Faceplate included for field conversion to Double-Face
- Push-to-Test Switch
- Maintenance-free 6V, 4.5AH Sealed Lead-Acid Battery
- Fully automatic operation



EECLA-W-G



Cat. No.	Housing Color	Letter Color	Options
EECLA	W (White)	R (Red)	SDT (Self Diagnostic Test)
	B (Black)	G (Green)	RC (Remote Capable)

ESLN4M

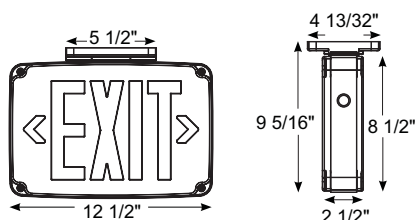
MICRO WET LOCATION LED EXIT SIGN

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Wet Location (-10°C - 40°C)
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation (**EB Only**)
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully Gasketed Corrosion-Resistant Enclosure
- ▶ High-Impact Clear Polycarbonate Lens
- ▶ Universal Mounting Plate
- ▶ Canopy for ceiling or end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Sealed Push-to-Test Switch
- ▶ Maintenance-free 6V NiCd Battery (**EB Only**)
- ▶ Fully automatic operation (**EB Only**)



ESLN4M-W-1-G



Cat. No.	Housing Color	No. of Faces	Letter Color	Operation	Options
ESLN4M	W (White)	1	R (Red)	EB (Battery Back-Up)	SDT (Self Diagnostic Test)
	B (Black) GY (Grey)	2	G (Green)	AC (AC Only)	2C (Dual-Circuit Operation) TP (Tamper-Proof)

Exit & Emergency

ESLN4

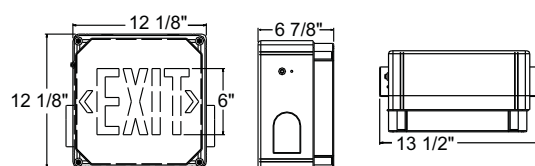
WET LOCATION LED EXIT SIGN

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Wet Location (-10°C - 40°C)
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation (**EB Only**)
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Fully Gasketed Corrosion-Resistant Enclosure
- ▶ High-Impact Clear Polycarbonate Lens
- ▶ Single-Face wall surface mount only
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Sealed Push-to-Test Switch
- ▶ Grey housing, White faceplate
- ▶ Maintenance-free 6V NiCd Battery (**EB Only**)
- ▶ Fully automatic operation (**EB Only**)



ESLN4-R



Cat. No.	Letter Color	Operation
ESLN4	R (Red) G (Green)	EB (Battery Back-Up) AC (AC Only)



ESBL2L

WET LOCATION LED EMERGENCY LIGHT/EXIT SIGN
COMBO UNIT WITH BATTERY BACK-UP

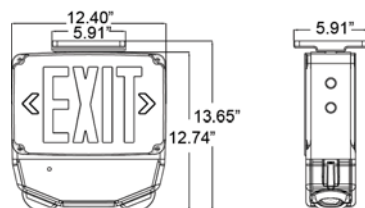
PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Wet Location
- ▶ Suitable for cold weather **with heater option** (-20°C - 50°C)
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ Two 3.6W adjustable Waterproof LED Bulbs
- ▶ 90 Minute Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, Polycarbonate
- ▶ Fully Gasketed Corrosion-Resistant Enclosure
- ▶ High-Impact UV Resistant, Polycarbonate Lens
- ▶ Universal Mounting Plate for wall mounting
- ▶ Canopy for ceiling or end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ LED indicator light showing battery condition (Green= Normal, Red= Check)
- ▶ Maintenance-free 6V NiCd Battery
- ▶ Fully automatic operation

NEW



ESBL2L-GY-1-R



Cat. No.	Housing Color	No. of Faces	Letter Color	Options
ESBL2L	W (White)	1 2	R (Red)	SDT (Self Diagnostic Test) RC (Remote Capable) TP (Tamper-Proof) HTR (Internal Heater)
	B (Black)		G (Green)	
	GY (Grey)			

ESBL2N4

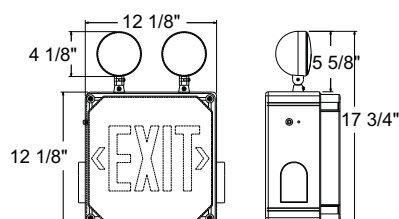
WET LOCATION EMERGENCY LIGHT/EXIT SIGN
COMBO UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ ETL Listed for Wet Location
- ▶ Suitable for cold weather **with heater option** (-10°C - 40°C)
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ Two fully adjustable 6V 5.4W T5 Wedge Base Waterproof Lamp Heads
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, Polycarbonate
- ▶ Fully Gasketed Corrosion-Resistant Enclosure
- ▶ High-Impact Clear Polycarbonate Lens
- ▶ Universal Mounting Plate
- ▶ Single-Face wall surface mount only
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Sealed Push-to-Test Switch
- ▶ Grey housing, White faceplate
- ▶ Maintenance-free 4.8V NiCd Battery
- ▶ Fully automatic operation



ESBL2N4-G



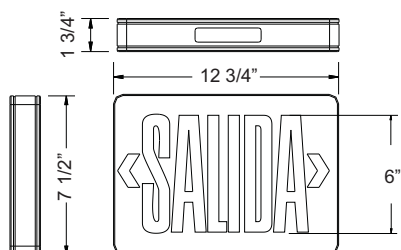
Cat. No.	Letter Color	Options
ESBL2N4	R (Red) G (Green)	HTR (Internal Heater)

SSBL

THERMOPLASTIC LED SALIDA SIGN WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern
- ▶ Canopy for ceiling or end mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate Included for Field Conversion to Double-Face
- ▶ Push-to-Test Switch
- ▶ White housing only
- ▶ Maintenance-free 4.8V NiCd Battery
- ▶ Fully automatic operation



SSBL-R



Cat. No.	Letter Color	Options
SSBL	R (Red) G (Green)	2C (Dual Circuit) SDT (Self Diagnostic Test)

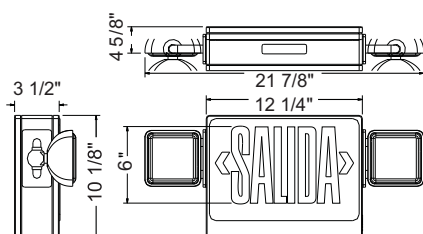
Exit & Emergency

SECL

THERMOPLASTIC LED SALIDA SIGN/EMERGENCY LIGHT COMBINATION UNIT WITH BATTERY BACK-UP

PRODUCT FEATURES

- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location
- ▶ Long-lasting, Energy Saving LED Lamps
- ▶ Two fully adjustable 6V 5.4W T5 Wedge Base Lamp Heads
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Injection Molded, 5VA Flame Retardant, High Impact, Thermoplastic
- ▶ Universal Mounting Pattern
- ▶ Canopy for wall or ceiling mounting included
- ▶ Easy Snap-out Chevrons Directional Indicators
- ▶ Extra Faceplate Included for Field Conversion to Double-Face
- ▶ Push-to-Test Switch
- ▶ White housing only
- ▶ Maintenance-free 6V, 4.5AH Sealed Lead-Acid Battery
- ▶ Fully automatic operation



SECL-G



Cat. No.	Letter Color	Options
SECL	R (Red) G (Green)	SDT (Self Diagnostic Test) RC (Remote Capable)



City of Chicago Approved Emergency Lighting


CESL

Standard LED Exit/Stairs Sign


CESSE

 Surface Mount LED
Exit/Stairs Sign

CESRE

 Recessed Mount LED
Exit/Stairs Sign

CEL2

Steel Emergency Light

VISIT **WWW.ORBIELECTRIC.COM** FOR COMPLETE DETAILS ON
CITY OF CHICAGO & NEW YORK APPROVED EXIT & EMERGENCY LIGHTING

City of New York Approved Emergency Lighting


NYESL

 Standard LED Exit Sign
W/ 8" Letters

NYESSE

 Surface Mount LED Exit Sign
W/ 8" Letters

NYESRE

 Recessed Mount LED Exit Sign
W/ 8" Letters

NYESLA

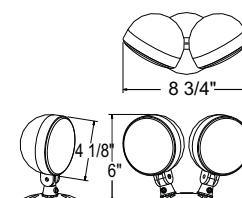
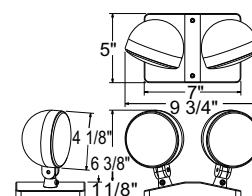
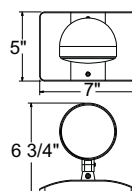
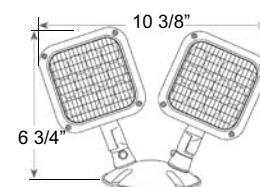
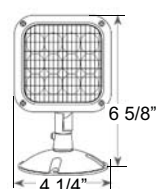
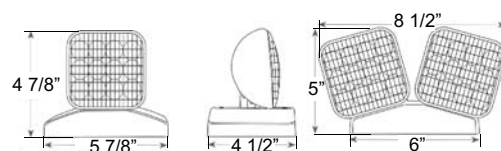
 Cast Aluminum LED Exit Sign
W/ 8" Letters

NYEECL

 Steel Combination Unit
with Battery Back-up & 8" Letters

NYELX

Remote Capable Emergency Lights



PRODUCT FEATURES

- ▶ Adjustable heads to increase center-to-center spacing
- ▶ Mounting hardware included
- ▶ Suitable for ceiling or end Mounting

Cat. No.	No. of Heads	Voltage	Housing Color	Wattage
LRHS (Square LED Remote Head)	1	MV (3.6V, 6V, 9.6V & 12V)	W (White)	Blank(1W per Head)
	2		B (Black)	HO(1.5W per Head)
LRHS-WP (Outdoor Square LED Remote)	1	MV (3.6V, 6V, 9.6V & 12V)	GY (Grey)	Blank(1W per Head)
	2		B (Black)	HO (1.5W per Head)
RH36 (PAR36 Remote Head)	1	6V	Blank(Grey) B (Black)	5W
	2	12V		7W
				9W
				12W
★ RH36WP (Outdoor PAR36 Remote Head)	2	12V	Blank(White)	9W
				12W

* While Supplies Last



PCS SERIES

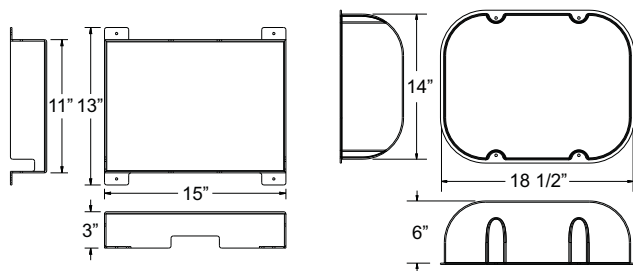
ENVIRONMENTAL SHIELDS



PCS-R



PCS-D
Shown Installed



Cat. No.	Description
PCS-R	Polycarbonate Vandal/Environmental Rectangular Shield
PCS-D	Polycarbonate Vandal/Environmental Dome Shield

WG SERIES

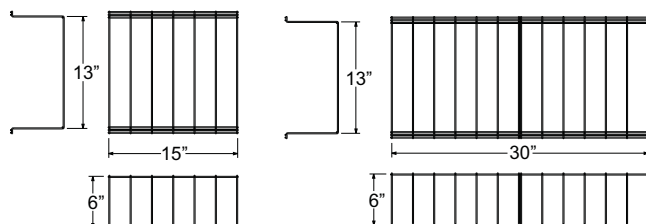
WIRE GUARDS



WG-15



WG-30
Shown Installed



Cat. No.	Description
WG-15	15" Wire Guard Covers most Emergency Units
WG-30	30" Wire Guard Covers most Exits & Combo Units



EB-6



EB-48



EB-36



EB-36HO



EIB-5



EHB-5

BATTERIES

Cat No.	Description	For Use With
EB-6	6V. 4.5AH Sealed Lead-Acid Cadmium Replacement Battery	EL2N, EL2H, EL2F, EL2RC, EL2LR, EL2T, EL2H-WP, EL2TN4, EECLA, ESLN4M, ESLN4M, ESBL2L, SECL
EB-48	4.8V, 650-700mAH NiCd Replacement Battery	EL1DOL, ESBL, ESL2C, ESLS, ESSE, ESRE, EECLP-LED, ESBL2N4, SSBL
EB-36	3.6V, 900mAH, NiCd Battery	EL2NM-LED, EL2HM-LED, EL2FM-LED, EL2SML, EL2JL, EL2H-WP-LED, EECPML, EECLM-LED, EECLMS
EB-36HO	3.6V, 1800mAH, NiCd Battery for High Output	EL2NM-LED-HO

LAMPS

Cat No.	Description	For Use With
EIB-5	6V, 5W Wedge-Base Incandescent Lamp	All Orbit Wedge-Base Incandescent Units
EHB-5	6V, 5W MR16 Halogen Lamp	EL2H, ESBL2H

LED RETROFIT KITS

PRODUCT FEATURES

- ▶ 120 VAC
- ▶ 2.8W per Kit (Set of Two LED Base)
- ▶ Mounting Bracket and Double-Sided Tape included (LRK-HW)
- ▶ Socket Adapters (Bayonet, Intermediate or Candelabra) Included (LRK-SI)

Cat No.	Description
LRK-HW-R	Hard-Wire Red LED Retrofit Kit
LRK-HW-G	Hard-Wire Green LED Retrofit Kit
LRK-SI-R	Screw-In Red LED Retrofit Kit
LRK-SI-G	Screw-In Green LED Retrofit Kit



LRK-HW



LRK-SI

BAL SERIES

FLUORESCENT EMERGENCY LIGHTING BALLASTS LAMP COMPATIBILITY

PRODUCT FEATURES

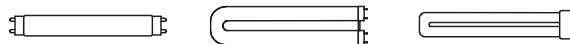
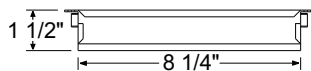
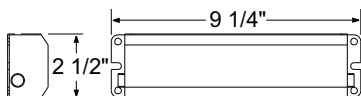
- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location (0°C – 50°C)
- ▶ Two rate charger initiates battery charging to recharge an empty battery in 24 hours
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Suitable for installation inside, on top or in remote of the fixture
- ▶ Battery, Charger and Inverter Circuit included
- ▶ White finish (BAL500-1400)
- ▶ Red finish (BAL3000)

Voltage	Max Lumens	Battery
BAL500	500	2.4V
BAL650C	750	3.6V
BAL700	700	3.6V
BAL1400	1400	6.0V
BAL3000	3000	14.4V

BAL 500

PRODUCT FEATURES

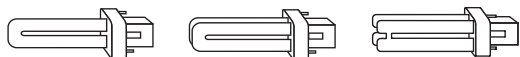
- ▶ Compatible with most One-, Two-, Three-, and Four-Lamp Electronic Standard and Dimming AC Ballasts
- ▶ Operates one T5, T5HO, T8, T12, Circular T5/T9, U-bend T8/T12, 4-Pin CFL and long CFL lamp in emergency mode. For the complete compatibility list, visit www.orbitelectric.com



BAL650C-2PIN

PRODUCT FEATURES

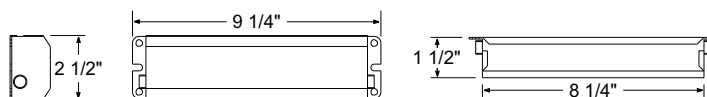
- ▶ Compatible with most One-, Two-, Three-, and Four-Lamp Electronic Standard and Dimming AC Ballasts
- ▶ Operates one 13W-26W, 2-pin compact fluorescent lamps with GX23 and GX24D bases. For complete compatibility list, visit www.orbitelectric.com



BAL650C-4PIN

PRODUCT FEATURES

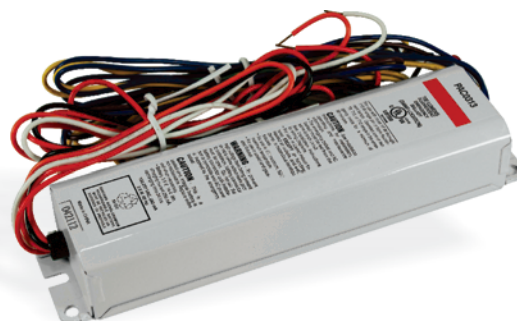
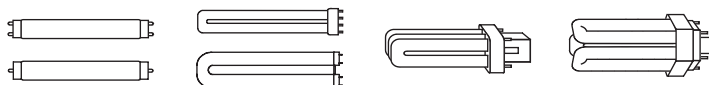
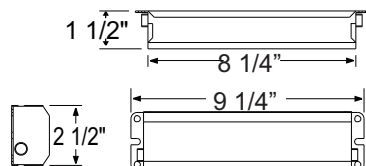
- ▶ Compatible with most One-, Two-, Three-, and Four-Lamp Electronic Standard and Dimming AC Ballasts
- ▶ Operates one or two T5, T5HO, T8, T12, Circular T9, U-bend T8/T12, 4-Pin CFL and long CFL lamp in emergency mode. For the complete compatibility list, visit www.orbitelectric.com



BAL 700

PRODUCT FEATURES

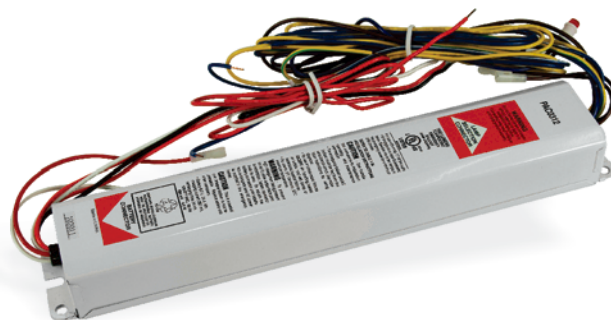
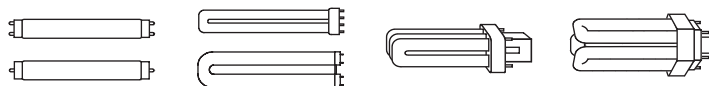
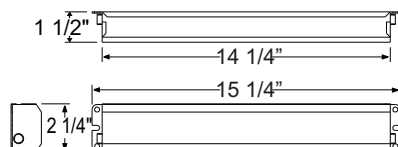
- Compatible with most One-, Two-, Three-, and Four-Lamp Electronic Standard and Dimming AC Ballasts
- Operates one or two T5, T5HO, T8, T12, T8HO, T12HO, Circular T5/T9, U-bend T8/T12, 4-Pin CFL and long CFL lamp in emergency mode. For the complete compatibility list, visit www.orbitelectric.com



BAL 1400

PRODUCT FEATURES

- Compatible with most One-, Two-, Three-, and Four-Lamp Electronic Standard and Dimming AC Ballasts
- Operates one or two T5, T5HO, T8, T12, T8HO, T12HO, Circular T5/T9, U-bend T8/T12, 4-Pin CFL and long CFL lamp in emergency mode. For the complete compatibility list, visit www.orbitelectric.com

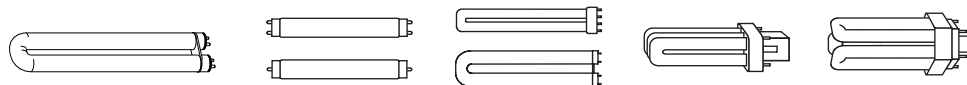
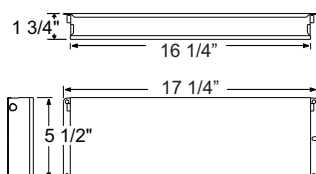


Exit & Emergency

BAL 3000

PRODUCT FEATURES

- Compatible with most One-, Two-, Three-, and Four-Lamp Electronic Standard and Dimming AC Ballasts
- Operates one or two T5, T5HO, T8, T12, T8HO, T12HO, Circular T5/T9, U-bend T8/T12, 4-Pin CFL and long CFL lamp in emergency mode. For the complete compatibility list, visit www.orbitelectric.com

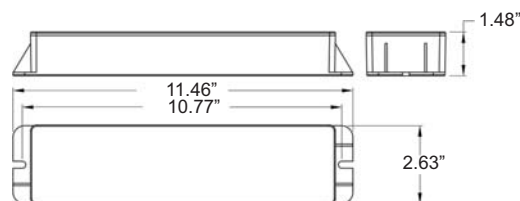


LBAL SERIES

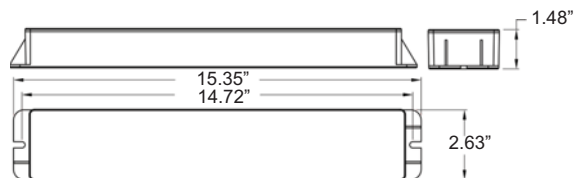
LED EMERGENCY LIGHTING BALLASTS

PRODUCT FEATURES

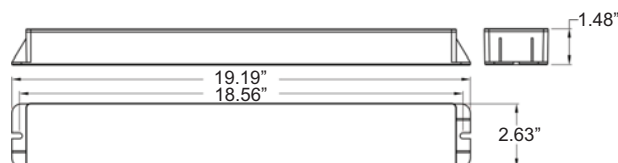
- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Classified for field installation
- ▶ Suitable for Damp Location (0°C - 50°C)
- ▶ Provides constant power output to the load during emergency mode operation
- ▶ 90 minute minimum emergency operation over full temperature range
- ▶ Injection Molded, engineering grade, 5VA Flame Retardant, high-impact, thermoplastic
- ▶ Black finish
- ▶ Installs inside, on top, or in remote of the fixture
- ▶ Output short/overcurrent protection: Electronic limiting, with normal operation resuming upon removal of fault
- ▶ Can be operated as NORMALLY-ON, NORMALLY-OFF or SWITCHED LOAD
- ▶ Output classification: Class 2 Compliant
- ▶ Surge protection: Per C62.41 (TVS)
- ▶ Input overcurrent protection: Fusible Link
- ▶ LED illuminated and remote mounted test switch
- ▶ Charge/Power "ON" LED indicator light and push-to-test switch
- ▶ Maintenance-free, rechargeable NiCd Battery
- ▶ 24 Hour max battery recharge time
- ▶ 5 year warranty on electronics and housing
- ▶ Meets UL924, NFPA 101 Life Safety Code



LBAL800



LBAL1200 & 1600



LBAL2000 & 2400

Cat.No.	OUTPUT OPERATING RANGE		OUTPUT POWER		Input Current (A)	Input Power (W)
	Voltage (Vdc)	Current (mA _{dc})	System Wattage (Constant)	Lumens		
LBAL800	20 -50	250 -100	5	800	0.061	3.9
LBAL1200	20 -50	390 -156	7.8	1250	0.065	4.8
LBAL1600	20 -50	535 -214	10.7	1700	0.087	5.7
LBAL2000	20 -50	685 -274	13.7	2200	0.11	6.9
LBAL2400	20 -50	850 -340	17	2700	0.11	7.9

*Lumen output based on LED light source having efficacy of 160 lumens/watt. Actual output may vary depending on light source.



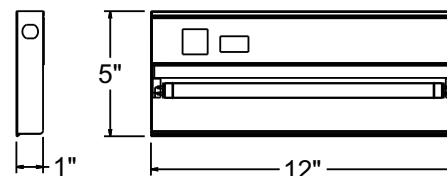
PRODUCT FEATURES

- ▶ 120V
- ▶ T5 Fluorescent Lamp
- ▶ Electronic Class P Ballast
- ▶ Switch Included
- ▶ Heavy Gauge Steel with Flush Ends
- ▶ K.O.s on Top, Sides, and Back
- ▶ Baked White Enamel
- ▶ With Rust Inhibiting Phosphate Coat

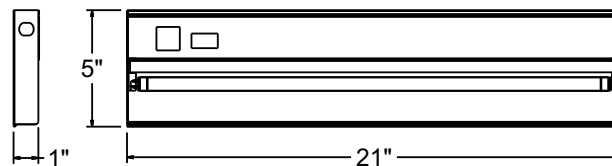
Cat No.	Description	Lamp (Included)
*UCL-12	12" Under Cabinet Electronic Ballast	One 8W T5
*UCL-21	21" Under Cabinet Electronic Ballast	One 13W T5
*UCL-24	24" Under Cabinet Electronic Ballast	Two 8W T5



UCL-12



UCL-21



UCL-24



Exit & Emergency

EASY ACCESS LIGHTING BOX 2-1/8" DEEP

30.2 Cu. In.

PRODUCT FEATURES

- ▶ Fast and efficient installations
- ▶ Sliding cover plate for one person installations
- ▶ Available with either standard or swivel sliding cover plate
- ▶ Swivel reduces damage to hanging fixtures when struck
- ▶ Complies with NEC 314.27 (A)(D) for up to 90 lbs. of fixture load (for more information see pg. W14)

Cat. No.	Description	Dimensions (W x H)	Knockouts		Std. Pkg.
			Sides	Bottom	
EALB	Easy Access Lighting Box	4" X 4"	4-CKO	3-1/2", 1-3/4"	50
EALBS	Easy Access Lighting Box with the Sliding Swivel	4" X 4"	4-CKO	3-1/2", 1-3/4"	10

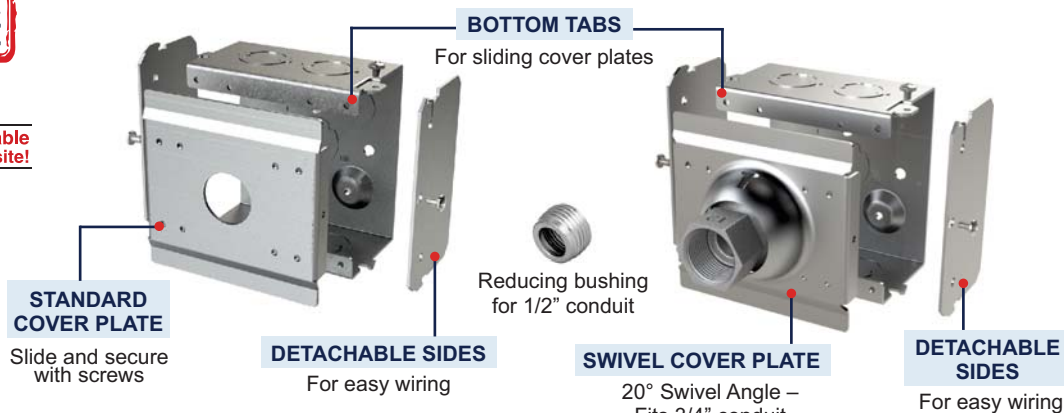


EALB

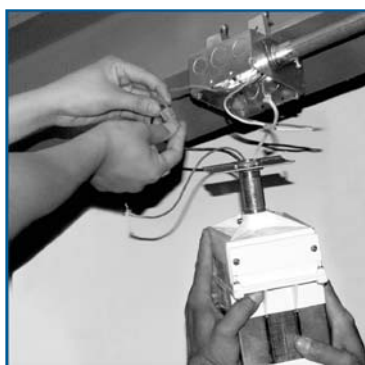


EALBS

Only box UL-Listed for up to 90lbs of fixture load!



**50%
LABOR
SAVINGS**



TRADITIONAL METHOD

Requires two installers



WITH ORBIT'S EALB/S

Only one installer



(1) Install EALB with side plate and cover plate REMOVED



(2) Install cover plate on lighting fixture and slide it back into the box



(3) Complete wiring



(4) Attach side plate with screws to finish installation



CLCSL SERIES

CONDUIT LOCKING CONNECTOR WITH
SEISMIC WIRING HOLES

PRODUCT FEATURES

- ▶ Fits 4", 4-11/16", and 40 junction boxes as well as Orbit's patented EALB/S
- ▶ Available for 1/2" and 3/4" threaded conduits.
- ▶ Hooks prevent rotation of fixtures such as security cameras and emergency lighting
- ▶ Holes allow for use of seismic wiring for added protection against seismic disturbances
- ▶ Includes set-screw and locknut for secure fixture installations



Cat. No.	Trade Size	Std. Pkg.	Master Ctn.
CLCSL-50	1/2"	10	100
CLCSL-75	3/4"	10	100

PREVENT FIXTURE ROTATION



Before Installation



After Installation Prevents Rotation

SOLUTION TO SECURE FIXTURES FROM ROTATING

SET SCREW

Secure Installation
of Conduit



LOCKNUT

Included



WIRING

Added Stability Against
Seismic Disturbances



HOOKS

Prevents Rotation



Exit & Emergency



(1) Fasten CLCSL to threaded conduit (2) Tighten set-screw to secure conduit (3) Secure conduit to box using locknut

(4) Mount seismic wires to surroundings and tie to holes of CLCSL



CHAPTER 1 ADMINISTRATION

1.1 Scope.

1.1.1 Title. NFPA 101, Life Safety Code, shall be known as the Life Safety Code®, is cited as such, and shall be referred to herein as "this Code" or "the Code".

1.1.2 Danger to Life from Fire. The Code addresses those construction, protection, and occupancy features necessary to minimize danger to life from the effects of fire, including smoke, heat, and toxic gases created during a fire.

1.1.3 Egress Facilities. The Code establishes minimum criteria for the design of egress facilities so as to allow prompt escape of occupants from buildings or, where desirable, into safe areas within buildings.

1.1.4 Other Fire-Related Considerations. The Code addresses other considerations that are essential to life safety in recognition of the fact that life safety is more than a matter of egress. The Code also addresses protective features and systems, building services, operating features, maintenance activities, and other provisions in recognition of the fact that achieving an acceptable degree of life safety depends on additional safeguards to provide adequate egress time or protection for people exposed to fire.

1.1.5 Hazardous Materials Emergencies. The Code also addresses other considerations that provide for occupant protection during emergency events involving hazardous materials.

1.1.6 Injuries from Falls. The Code also addresses reducing injury to occupants from falls.

1.1.7 Emergency Communications. The Code also addresses other considerations that provide for communications to occupants under emergency conditions and to others.

1.1.8 Considerations Not Related to Fire. The Code also addresses other considerations that, while important in fire conditions, provide an ongoing benefit in other conditions of use, including non-fire emergencies.

1.1.9 Areas Not Addressed. The Code does not address the following:

- (1) General fire prevention or building construction features that are normally a function of fire prevention codes and building codes
- (2) Prevention of injury incurred by an individual due to that individual's failure to use reasonable care
- (3) Preservation of property from loss by fire
- (4) The retail sale and associated storage of consumer fire-works

1.2 Purpose. The Purpose of this Code is to provide minimum requirements, with due regard to function, for the design, operation, and maintenance of buildings and structures for safety to life from fire. Its provisions will also aid life safety in similar emergencies.

1.3 Application.

1.3.1 New and Existing Buildings and Structures. The Code shall apply to both new construction and existing buildings and existing structures.

1.3.2 Vehicles and Vessels. The Code shall apply to vehicles, vessels, or other similar conveyances, as specified in Section 11.6, in which case such vehicles and vessels shall be treated as buildings.

1.4 Equivalency. Nothing in this Code is intended to prevent the use of systems, methods, or devices of equivalent or superior quality, strength, fire resistance, effectiveness, durability, and safety over those prescribed by this Code.

1.4.1 Technical Documentation. Technical documentation shall be submitted to the authority having jurisdiction to demonstrate equivalency.

1.4.2 Approval. The system, method, or device shall be approved for the intended purpose by the authority having jurisdiction.

1.4.3 Equivalent Compliance. Alternative systems, methods, or devices approved as equivalent by the authority having jurisdiction

shall be recognized as being in compliance with this Code.

1.5 Units and Formulas.

1.5.1 SI Units. Metric units of measurement in this Code are in accordance with the modernized metric system known as the International System of Units (SI).

1.5.2 Primary Values. The inch-pound value for a measurement, and the SI value given in parentheses, shall each be acceptable for use as primary units for satisfying the requirements of this Code.

1.6 Enforcement. This Code shall be administered and enforced by the authority having jurisdiction designated by the governing authority.

CHAPTER 7 MEANS OF EGRESS

7.9 Emergency Lighting.

7.9.1 General.

7.9.1.1 Emergency lighting facilities for means of egress shall be provided in accordance with Section 7.9 for the following:

- (1) Buildings or structures where required in Chapters 11 through 43
- (2) Underground and limited access structures as addressed in Section 11.7
- (3) High-rise buildings as required by other sections of this Code
- (4) Doors equipped with delayed-egress locks
- (5) Stair shafts and vestibules of smokeproof enclosures, for which the following also apply:
 - (a) The stair shaft and vestibule shall be permitted to include a standby generator that is installed for the smokeproof enclosure mechanical ventilation equipment.
 - (b) The standby generator shall be permitted to be used for the stair shaft and vestibule emergency lighting power supply.
- (6) New sensor-release of electrical locking systems in accordance with 7.2.1.6.2

7.9.1.2 For the purposes of 7.9.1.1, exit access shall include only designated stairs, aisles, corridors, ramps, escalators, and passageways leading to an exit. For the purpose of 7.9.1.1, exit discharge shall include only designated stairs, ramps, aisles, walkways, and escalators leading to a public way.

7.9.1.3 Where maintenance of illumination depends upon changing from one energy source to another, a delay of not more than 10 seconds shall be permitted.

7.9.2 Performance of System.

7.9.2.1 Emergency illumination shall be provided for not less than 1½ hours in the event of failure of normal lighting.

7.9.2.1.1 Emergency lighting facilities shall be arranged to provide initial illumination that is no less than an average of 1 ft-candle (10.8 lux) and, at any point, not less than 0.1 ft-candle (1.1 lux), measured along the path of egress at floor level.

7.9.2.1.2 Illumination levels shall be permitted to decline to not less than an average of 0.6 ft-candle (6.5 lux) and, at any point, not less than 0.06 ft-candle (0.65 lux) at the end of the 1½ hours.

7.9.2.1.3 A maximum-to-minimum illumination shall not exceed a ratio of 40 to 1.

7.9.2.2 New emergency power systems for emergency lighting shall be at least Type 10, Class 1.5, Level 1, in accordance with NFPA 110.

7.9.2.3 The emergency lighting system shall be arranged to provide the required illumination automatically in the event of any interruption of normal lighting due to any of the following:

- (1) Failure of public utility or other outside electrical power supply
- (2) Opening of a circuit breaker or fuse
- (3) Manual act(s), including accidental opening of a switch controlling normal lighting facilities.



7.9.2.4 Emergency generators and related transfer switch equipment that provide power to emergency lighting systems shall be installed, inspected, tested, and maintained in accordance with NFPA 110. Stored electrical energy systems, where required in this Code, other than battery systems for emergency luminaires in accordance with NFPA 7.9.2.5, shall be installed, inspected, tested, and maintained in accordance with NFPA 111.

7.9.2.5 Unit equipment and battery systems for emergency luminaires shall be listed to ANSI/UL 924, Standard for Emergency Lighting and Power Equipment.

7.9.2.6 Existing battery-operated emergency lights shall use only reliable types of rechargeable batteries provided with suitable facilities for maintaining them in properly charged condition. Batteries used in such lights or units shall be approved for their intended use and shall comply with NFPA 70.

7.9.2.7 The emergency lighting system shall be either continuously in operation or capable of repeated automatic operation without manual intervention.

7.9.3 Periodic Testing of Emergency Lighting Equipment.

7.9.3.1 Required emergency lighting systems shall be tested in accordance with one of the four options offered by 7.9.3.1.1, 7.9.3.1.2, 7.9.3.1.3, or 7.9.3.1.4.

7.9.3.1.1 Testing of required emergency lighting systems shall be permitted to be conducted as follows:

- (1) Functional testing shall be conducted monthly, with a minimum of 3 weeks and a maximum of 5 weeks between tests, for not less than 30 seconds, except as otherwise permitted by 7.9.3.1.1(2).
- (2) The test interval shall be permitted to be extended beyond 30 days with the approval of the authority having jurisdiction.
- (3) Functional testing shall be conducted annually for a minimum of 1½ hours if the emergency lighting system is battery powered.
- (4) The emergency lighting equipment shall be fully operational for the duration of the tests required by 7.9.3.1.1(2) and 7.9.3.1.1(3).
- (5) Written records of visual inspections and tests shall be kept by the owner for inspection by the authority having jurisdiction.

7.9.3.1.2 Testing of required emergency lighting systems shall be permitted to be conducted as follows:

- (1) Self-testing/self-diagnostic emergency battery-operated emergency lighting equipment shall be provided.
- (2) Not less than once every 30 days, self-testing/self-diagnostic battery-operated emergency lighting equipment shall automatically perform a test with a duration of a minimum 30 seconds and a diagnostic routine.
- (3) Self-testing/self-diagnostic battery-operated emergency lighting equipment shall indicate failures by a status indicator.
- (4) A visual inspection shall be performed at intervals not exceeding 30 days.
- (5) Functional testing shall be conducted annually for a minimum of 1½-hours.
- (6) Self-testing/self-diagnostic battery-operated emergency lighting equipment shall be fully operational for the duration of the 1½-hour test.
- (7) Written records of visual inspections and test shall be kept by the owner for inspection by the authority having jurisdiction.

7.9.3.1.3 Testing of required emergency lighting systems shall be permitted to be conducted as follows:

- (1) Computer-based, self-testing/self-diagnostic battery operated emergency lighting equipment shall be provided.
- (2) Not less than once every 30 days, emergency lighting equipment shall automatically perform a test with a duration of a minimum of 30 seconds and a diagnostic routine.
- (3) The emergency lighting equipment shall automatically perform annually a test for a minimum of 1½ hours.
- (4) The emergency lighting equipment shall be fully operational for the duration of the tests required by 7.9.3.1.3(2) and 7.9.3.1.3(3).
- (5) The computer-based system shall be capable of providing a report of the history of tests and failures at all times.

7.9.3.1.4 Testing of required emergency lighting systems shall be permitted to be conducted in accordance with 7.9.2.4.

7.10 Marking Of Means Of Egress

7.10.1 General.

7.10.1.1 Where Required. Means of egress shall be marked in accordance with Section 7.10 where required in Chapters 11 through Chapter 43.

7.10.2 Exits.

7.10.1.2.1 Exits, other than main exterior exit doors that obviously and clearly are identifiable as exits, shall be marked by an approved sign that is readily visible from any direction of exit access.

7.10.1.2.2 Horizontal components of the egress path within an exit enclosure shall be marked by approved exit or directional exit signs where the continuation of the egress path is not obvious.

7.10.1.3 Exit Door Tactile Signage. Tactile signage shall be provided to meet all the following criteria, unless otherwise provided in 7.10.1.4:

- (1) Tactile signage shall be located at each door requiring an exit sign.
- (2) Tactile signage shall read as follows: EXIT.
- (3) Tactile signage shall comply with ICC/ANSI A117.1, Accessible and Usable Buildings and Facilities.

7.10.1.4 Existing Exemption. The requirements of 7.10.1.3 shall not apply to existing buildings, provided that the occupancy classification does not change.

7.10.1.5 Exit Access.

7.10.1.5.1 Access to exits shall be marked by approved, readily visible signs in all cases where the exit or way to reach the exit is not readily apparent to the occupants.

7.10.1.5.2 New sign placement shall be such that no point in the exit access corridor is in excess of the rated viewing distance or 100 ft (30m), whichever is less, from the nearest sign.

7.10.1.6 Floor Proximity Exit Signs. Where floor proximity exit signs are required in Chapters 11 through 43, such signs shall comply with 7.10.3, 7.10.4, 7.10.5, and 7.10.6 for externally illuminated signs and 7.10.7 for internally illuminated signs. Such signs shall be located near the floor level in addition to those signs required for doors or corridors. The bottom of the sign shall be not less than 6 in. (150 mm), but not more than 18 in. (455 mm), above the floor. For exit doors, the sign shall be mounted on the door or adjacent to the door, with the nearest edge of the sign within 4 in. (100 mm) of the door frame.

7.10.1.7 Floor Proximity Egress Path Marking. Where floor proximity egress path marking is required in Chapters 11 through 43, an approved floor proximity egress path marking system that is internally illuminated shall be installed within 18 in. (455 mm) of the floor. Floor proximity egress path marking systems shall be listed in accordance with ANSI/UL 1994, Standard for Luminous Egress Path Marking Systems. The system shall provide a visible delineation of the path of travel along the designated exit access and shall be essentially continuous, except as interrupted by doorways, hallways, corridors, or other such architectural features. The system shall operate continuously or at any time the building fire alarm is activated. The activation, duration, and continuity of operation of the system shall be in accordance with 7.9.2. The system shall be maintained in accordance with the product manufacturing listing.

7.10.1.8 Visibility. Every sign required in Section 7.10 shall be located and of such size, distinctive color, and design that it is readily visible and shall provide contrast with decorations, interior finish, or other signs. No decorations, furnishings, or equipment that impairs visibility of a sign shall be permitted. No brightly illuminated sign (for other than exit purposes), display, or object in or near the line of vision of the required exit sign that could detract attention from the exit sign shall be permitted.



7.10.1.9 Mounting Location. The bottom of new egress markings shall be located at a vertical distance of not more than 6 ft 8 in. (2030 mm) above the top edge of the egress opening intended for designation by that marking. Egress markings shall be located at a horizontal distance of not more than the required width of the egress opening, as measured from the edge of the egress opening intended for designation by that marking to the nearest edge of the marking.

7.10.2 Directional Signs.

7.10.2.1 A sign complying with 7.10.3, with a directional indicator showing the direction of travel, shall be placed in every location where the direction of travel to reach the nearest exit is not apparent.

7.10.2.2 Directional exit signs shall be provided within horizontal components of the egress path within exit enclosures as required by 7.10.1.2.2.

7.10.3 Sign Legend.

7.10.3.1 Signs required by 7.10.1 and 7.10.2 shall read as follows in plainly legible letters, or other appropriate wording shall be used: **EXIT**

7.10.3.2 Where approved by the authority having jurisdiction, pictograms in compliance with NFPA 170 shall be permitted.

7.10.4 Power Source. Where emergency lighting facilities are required by the applicable provisions of Chapter 11 through Chapter 43 for individual occupancies, the signs, other than approved self-luminous signs and listed photoluminescent signs in accordance with 7.10.7.2, shall be illuminated by the emergency lighting facilities. The level of illumination of the signs shall be in accordance with 7.10.6.3 or 7.10.7 for the required emergency lighting duration as specified in 7.9.2.1. However, the level of illumination shall be permitted to decline to 60 percent at the end of the emergency lighting duration.

7.10.5 Illumination of Signs.

7.10.5.1 General. Every sign required by 7.10.1.2 or 7.10.1.5, or 7.10.8.1, other than where operations or processes require low lighting levels, shall be suitably illuminated by a reliable light source. Externally and internally illuminated signs shall be legible in both the normal and emergency lighting mode.

7.10.5.2 Continuous Illumination.

7.10.5.2.1 Every sign required to be illuminated by 7.10.6.3, 7.10.7, and 7.10.8.1 shall be continuously illuminated as required under the provisions of Section 7.8, unless otherwise provided in 7.10.5.2.2.

7.10.5.2.2 Illumination for signs shall be permitted to flash on and off upon activation of the fire alarm system.

7.10.6 Externally Illuminated Signs.

7.10.6.1 Size of Signs.

7.10.6.1.1 Externally illuminated signs required by 7.10.1 and 7.10.2, other than approved existing signs, unless otherwise provided in 7.10.6.1.2, shall read EXIT or shall use other appropriate wording in plainly legible letters sized as follows:

- (1) For new signs, the letters shall be not less than 6 in. (150 mm) high, with the principal strokes of letters not less than 3/4 in. (19 mm) wide.
- (2) For existing signs, the required wording shall be permitted to be plainly legible letters not less than 4 in. (100 mm) high.
- (3) The word EXIT shall be in letters of a width not less than 2 in. (51 mm), except the letter I, and the minimum spacing between letters shall be not less than 3/8 in. (9.5 mm).
- (4) Sign legend elements larger than the minimum established in 7.10.6.1.1(1) through 7.10.6.1.1(3) shall use letter widths, strokes, and spacing in proportion to their height.

7.10.6.1.2 The requirements of 7.10.6.1.1 shall not apply to marking required by 7.10.1.3 and 7.10.1.7.

7.10.6.2 Size and location of Directional Indicator.

7.10.6.2.1 Directional indicators, unless otherwise provided in 7.10.6.2.2, shall comply with the following:

- (1) The directional indicator shall be located outside of the EXIT legend, not less than 3/8 in. (9.5 mm) from any letter.
- (2) The directional indicator shall be of a chevron type, as shown in Figure 7.10.6.2.1.
- (3) The directional indicator shall be identifiable as a directional indicator at a distance of 40 ft (12 m).
- (4) A directional indicator larger than the minimum established for compliance with 7.10.6.2.1(3) shall be proportionately increased in height, width, and stroke.
- (5) The directional indicator shall be located at the end of the sign for the direction indicated.

7.10.6.2.2 The requirements of 7.10.6.2.1 shall not apply to approved existing signs.

7.10.6.3 Level of Illumination. Externally illuminated signs shall be illuminated by not less than 5 ft-candles (54 lux) at the illuminated surface and shall have a contrast ratio of not less than 0.5.

7.10.7 Internally Illuminated Signs.

7.10.7.1 Listing. Internally illuminated signs shall be listed in accordance with ANSI/UL 924, Standard for Safety Emergency Lighting and Power Equipment, unless they meet one of the following criteria:



FIGURE 7.10.6.2.1 Chevron-Type Indicator.

- (1) They are approved existing signs.
- (2) They are existing signs having the required wording in legible letters not less than 4 in. (100 mm) high.
- (3) They are signs that are in accordance with 7.10.1.3 and 7.10.1.6.

7.10.7.2 Photoluminescent Signs. The face of a photoluminescent sign shall be continually illuminated while the building is occupied. The illumination levels on the face of the photoluminescent sign shall be in accordance with its listing. The charging illumination shall be a reliable light source, as determined by the authority having jurisdiction. The charging light source, shall be of a type specified in the product markings.

7.10.8 Special Signs.

7.10.8.1 Sign Illumination.

7.10.8.1.1 Where required by other provisions of this Code, special signs shall be illuminated in accordance with 7.10.5, 7.10.6.3, and 7.10.7.

7.10.8.1.2 Where emergency lighting facilities are required by the applicable provisions of Chapters 11 through 43, the required illumination of special signs shall additionally be provided under emergency lighting conditions.

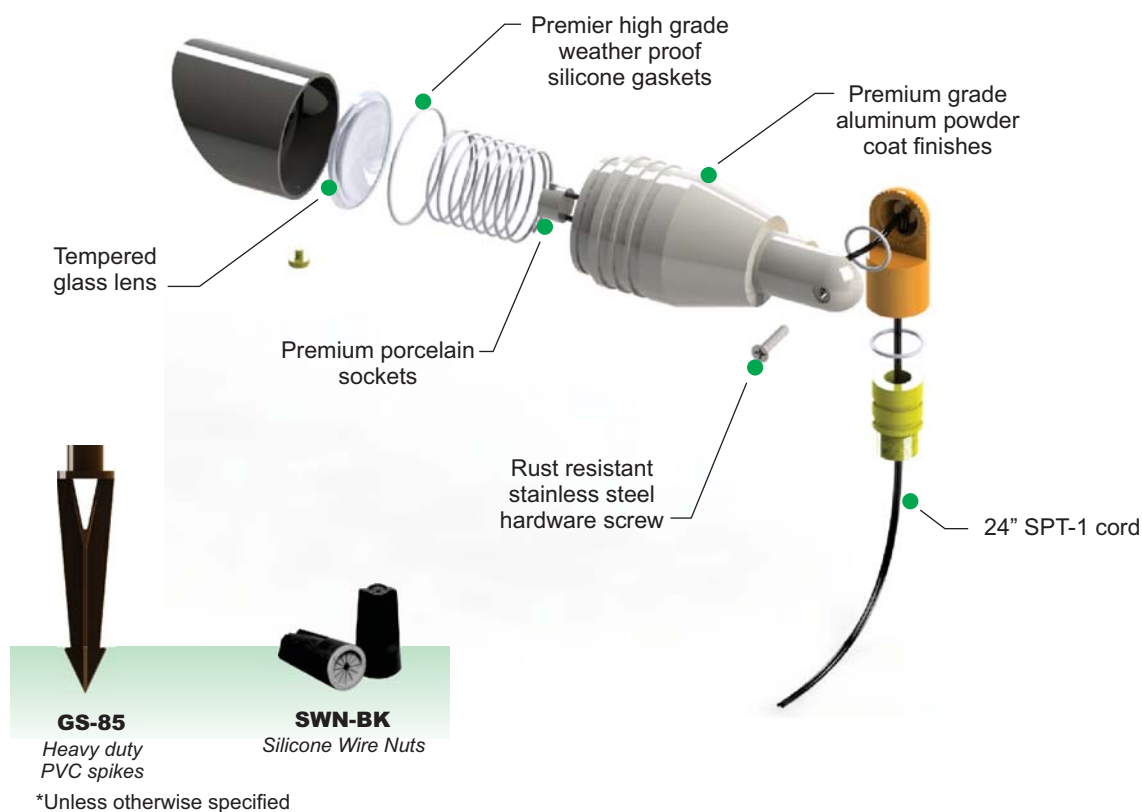
7.10.8.2 Characters. Special signs, where required by other provisions of this Code, shall comply with the visual character requirements of ICC/ANSI A117.1, American National Standard for Accessible and Usable Buildings and Facilities.

NFPA 101 Life Safety Code® 2018 Edition
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of the National Fire Protection Association, Inc.



Landscape Lighting | G

All Landscape Fixtures Include:



Extensive Variety of Fixture Constructions



- 18W Bayonet, 20W JC Bi-Pin, 20W MR8, MR11 & MR16 lamps INCLUDED
- PAR36, PAR 56 & other lamps NOT INCLUDED



LED COMPATIBLE LAMPS SOLD SEPARATELY

Disclaimer: Shape, Design, and Finish may change without prior notice

www.orbitelectric.com

Brass Finishes



Natural Brass
(NB)



Antique Brass
(AB)



Antique Bronze
(AZ)



Architectural Bronze
(ARB)



Aged (Acid) Green
(AG)

Aluminum Finishes



Verde Green
(VG)



Rust
(RU)



Sand
(SA)



Black
(BK)



Bronze
(BR)



Green
(GN)



White
(WH)



B150SH



B151



B152



B153



B160SH



B102



B126



SS126



S126



FG126



B171



1071



1081



S121



S131



S130



1051



1021



1020



FG1021



FG1020



B610



B310



6011



1061



B103



B105



SS111



2020



2030



2031



2040



B18S



B181C



B182C



B183C



B184C



B185C



B186C



B224



B225



S215



S219



S224



S225



S121P



B114



C114



B107



B104



S220



S221



B5010



B5011



B5012



SS5010



SS5011



SS5012



AP



50PK



5010



5011



5012



5013



FG5010



FG5012



5110



5113



5114



FG5110



FG5410



FG5412



S530



5300S



5010S



5010R



9013



3011C



3018



B600C-NB



B601C-SS



B60H



B60H-LED



B700C-WH



B701C-AZ



B70H



B70H-LED



7110C-AG



7112C-ARB



7100H



7100H-LED



7121C-AG



7122C-AB



S710C-BR



S711C-BK



S710H-LED



S712C-BK



S713C-WH



S712H-LED-12V



7210C-BR



7212C-WH



7210H



SS7011



SS7012



7011



7012



B7011



B7012



7050



7053



B510



B511



B512



SS510



SS511



SS512



5510



FG520



FG505



SS5550



5500



SS5500



TRT-75-SS



TRT-300-BK



PC-1ST



TR-3HT

LED B150SH

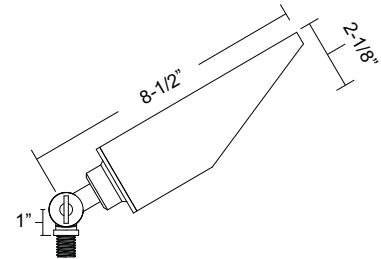
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH



ARB



LED B151

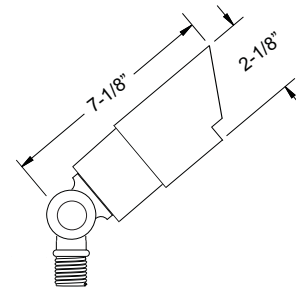
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH



ARB



LED B152

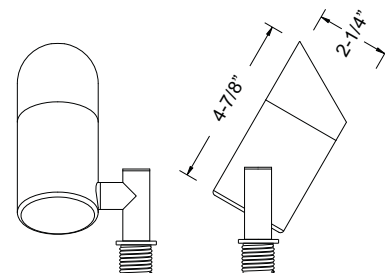
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH



ARB





LED B153

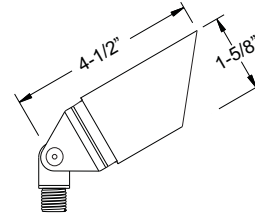
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ MR11 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH



ARB



LED B160SH

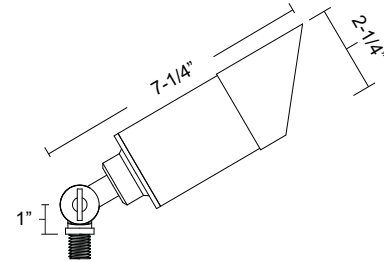
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH



ARB



LED *B102

PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES



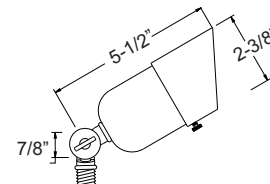
AZ



ARB



Shown In
Architectural Bronze

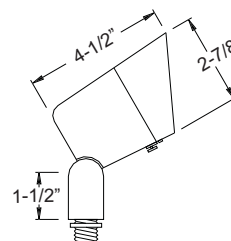
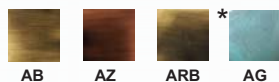


B126

PRODUCT FEATURES

- ▶ Cast Brass
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES

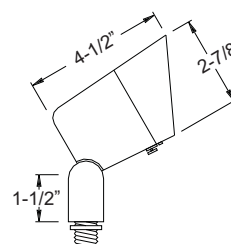


SS126

PRODUCT FEATURES

- ▶ Stainless Steel
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH

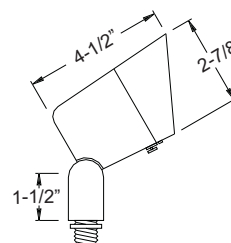


S126

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES

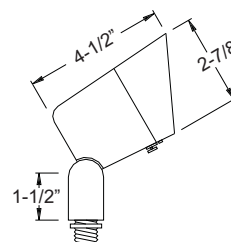


FG126

PRODUCT FEATURES

- ▶ Composite
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (20W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH



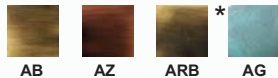


LED B171

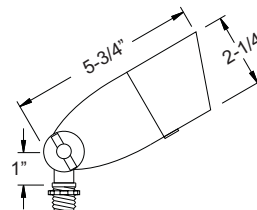
PRODUCT FEATURES

- ▶ Cast Brass
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES



Shown In
Architectural Bronze



LED 1071

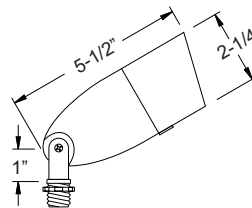
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In
Bronze



LED 1081

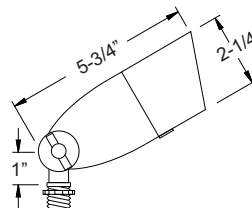
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Slip-On Cap with Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In
Black





LED S121

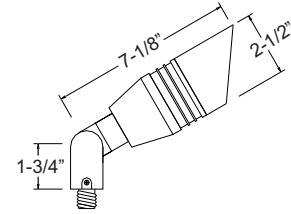
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Spring-Mounted Lamp Positioned Behind Lens
- ▶ Convex Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In Sand

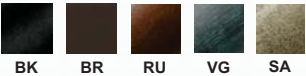


LED S131

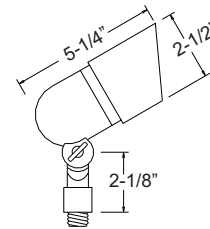
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ Spring-Mounted Directional Hood
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In Rust



LED S130

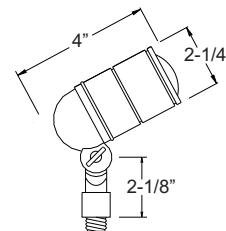
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Convex Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In Bronze

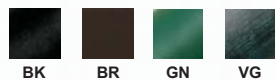


LED *1051

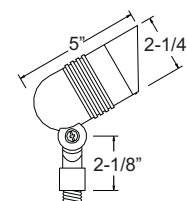
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In Black





LED 1021

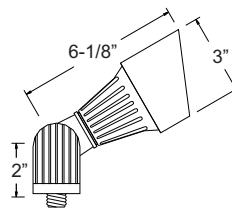
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In
Black



LED 1020

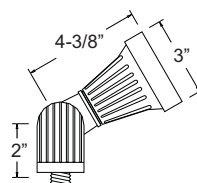
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In
Bronze

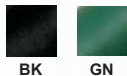


LED FG1021

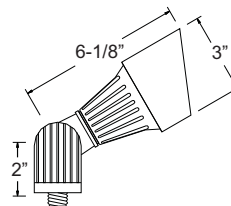
PRODUCT FEATURES

- ▶ Composite
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES



Shown In
Dark Green

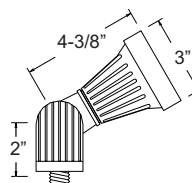


LED FG1020

PRODUCT FEATURES

- ▶ Composite
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISH

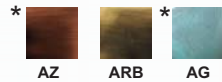


LED B610

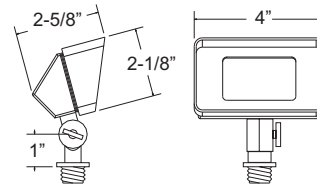
PRODUCT FEATURES

- ▶ Cast Brass
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (50W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES



Shown In
Antique Bronze



LED *B310

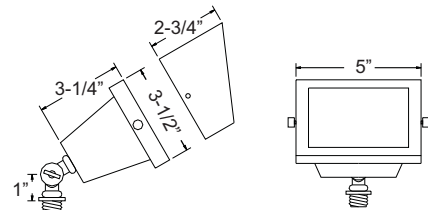
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (50W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ Removable Visor
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES



Shown In
Antique Bronze



LED 6011

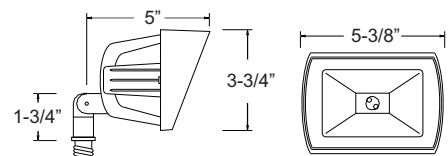
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (50W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown In
Black

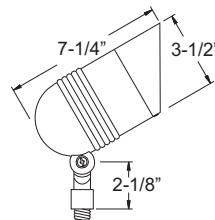


**LED *1061****PRODUCT FEATURES**

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 50W Lamp Included (75W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES

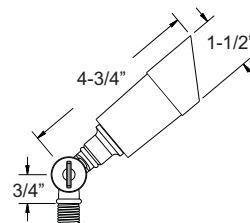
BK BR

Shown In
Black***B103****PRODUCT FEATURES**

- ▶ Cast Brass
- ▶ 12 Volts
- ▶ MR11 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES

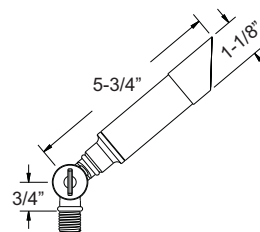
AZ ARB AG

Shown In
Architectural Bronze***B105****PRODUCT FEATURES**

- ▶ Cast Brass
- ▶ 12 Volts
- ▶ MR8 10W Lamp Included (20W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Key Knuckle
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

FINISHES

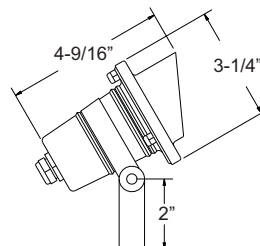
AB AZ ARB AG

Shown In
Antique Bronze**LED *SS11****PRODUCT FEATURES**

- ▶ Stainless Steel
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ GS-85 PVC Spike
- ▶ SJT Cord

FINISH

SS





LED 2020

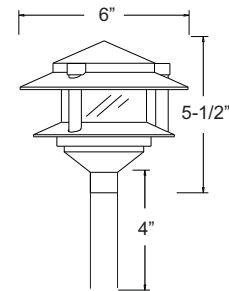
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ 2-Tier
- ▶ **Frosted** Glass Lens Only
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



BK BR GN



LED 2030

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (50W Max.)
- ▶ 3-Tier
- ▶ **Frosted** Glass Lens Standard, **Clear** Lens by Request
- ▶ GS-85 Spike
- ▶ Silicone Wire Nuts

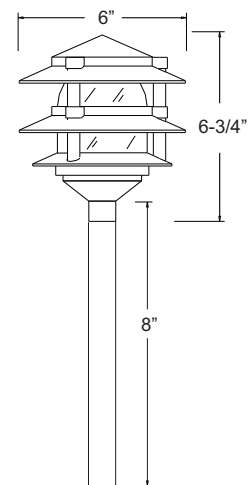
POWDER COATED FINISHES



BK BR SA GN VG



Shown in
Black



Also Available in 120 Volts:
2033 on Page H1



LED *2031

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (50W Max.)
- ▶ 3-Tier, Large Top
- ▶ **Frosted** Glass Lens Standard, **Clear** Lens by Request
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

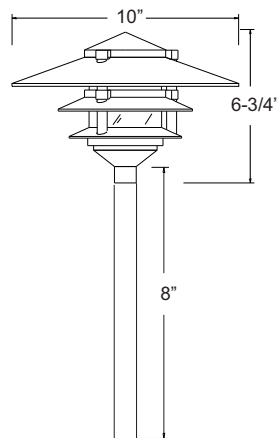
POWDER COATED FINISHES



BK BR SA GN VG



Shown in Black



LED 2040

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (50W Max.)
- ▶ 4-Tier
- ▶ **Frosted** Glass Lens Standard, **Clear** Lens by Request
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

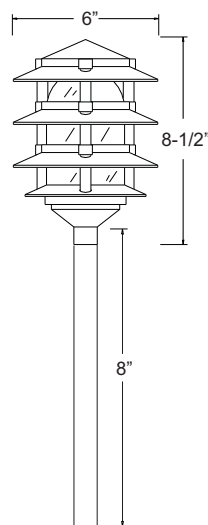
POWDER COATED FINISHES



BK BR GN VG



Shown in Black



*Also Available in 120 Volts:
2044 on Page H1*



Path Lights

LED B180 Series

PRODUCT FEATURES

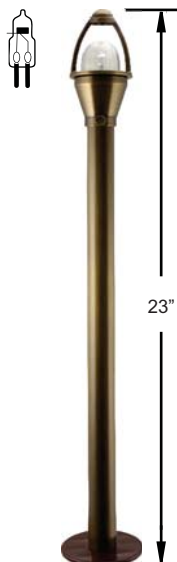
- ▶ Solid Brass
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

ORDERING GUIDE

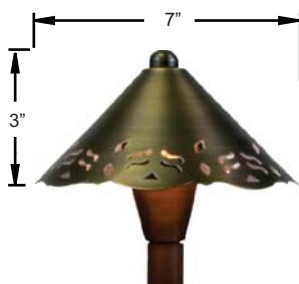
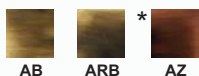
Sample Cat. No.: B18S / B182C / AB

1. Stem
2. Lamp Shade Style
3. Finish

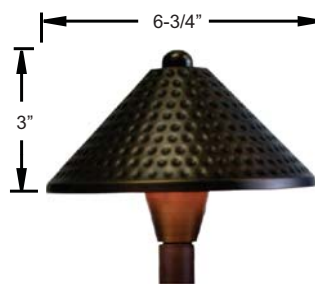
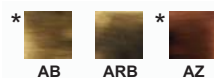
Order stem & shade separately



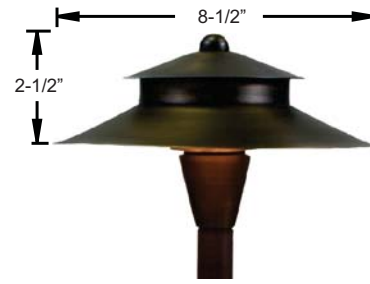
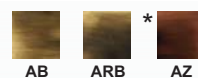
B18S
Stem Only



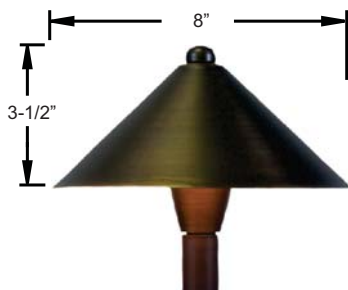
B181C
Shade Only



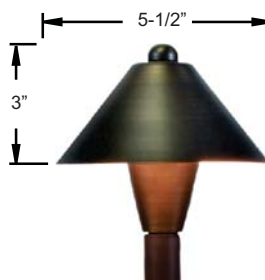
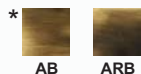
B182C
Shade Only



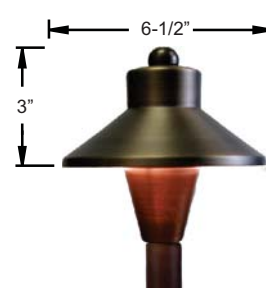
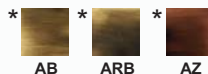
B183C
Shade Only



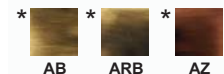
B184C
Shade Only



B185C
Shade Only



B186C
Shade Only



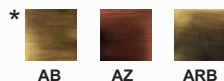


LED B224

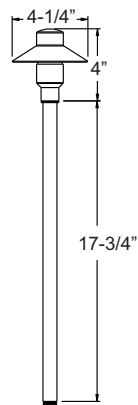
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ Polycarbonate Lens
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

FINISHES



Shown in
Antique Bronze

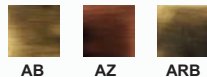


LED B225

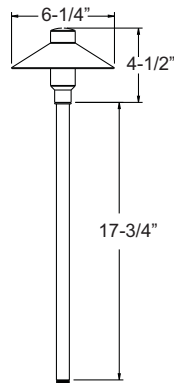
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ Polycarbonate Lens
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

FINISHES



Shown in
Antique Brass

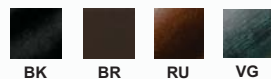


LED S215

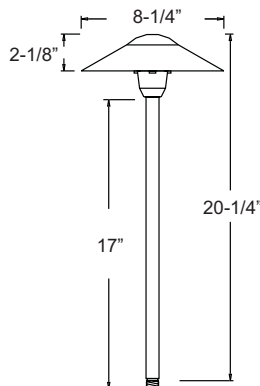
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ Bayonet 18W Lamp Included (26W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



Shown in
Black





LED S219

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (26W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



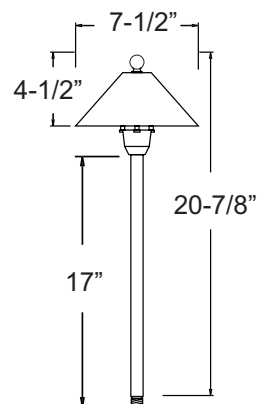
BK

BR

VG



Shown in
Black

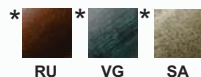


LED S224

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ Twist-Off Shade for Easy Relamping
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



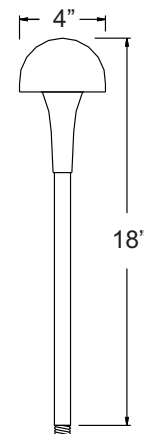
RU

VG

SA



Shown in
Verde Green



LED S225

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ Twist-Off Shade for Easy Relamping
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



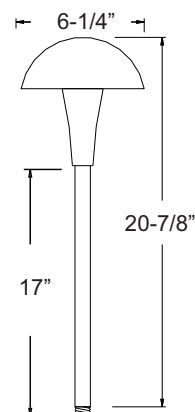
BK

BR

RU



Shown in
Black





LED S121P

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Spring-Mounted Lamp
- ▶ Positioned Behind Lens
- ▶ Convex Tempered Glass Lens
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

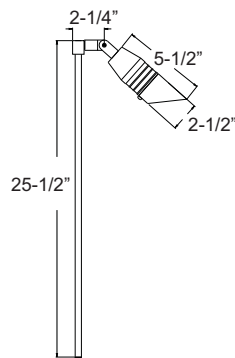
POWDER COATED FINISHES



BK BR



Shown in Black



LED B114

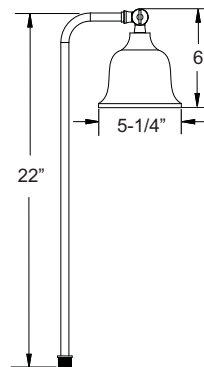
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

FINISH



ARB



LED *C114

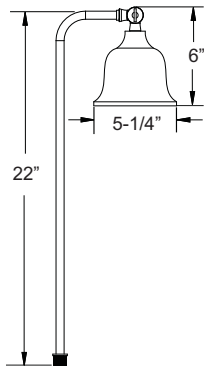
PRODUCT FEATURES

- ▶ Solid Copper
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

FINISH



Natural Copper Polished



LED *B107

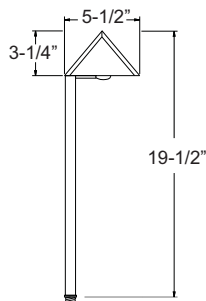
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ Bayonet 18W Lamp Included (26W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

FINISH



AG





Path Lights

orbit
Orbit Industries, Inc.

G15

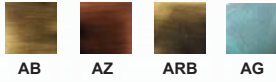
Landscape Lighting

LED *B104

PRODUCT FEATURES

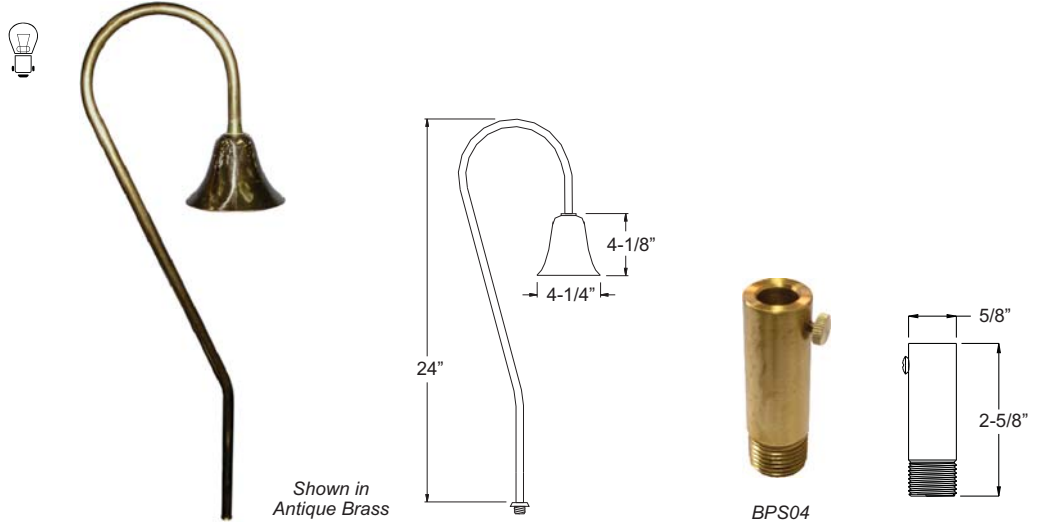
- ▶ Solid Brass
- ▶ 12 Volts
- ▶ Bayonet 18W Lamp Included (26W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

FINISHES



BPS04

Fits 1/2" Thread Brass Pathway Light Pipe Support

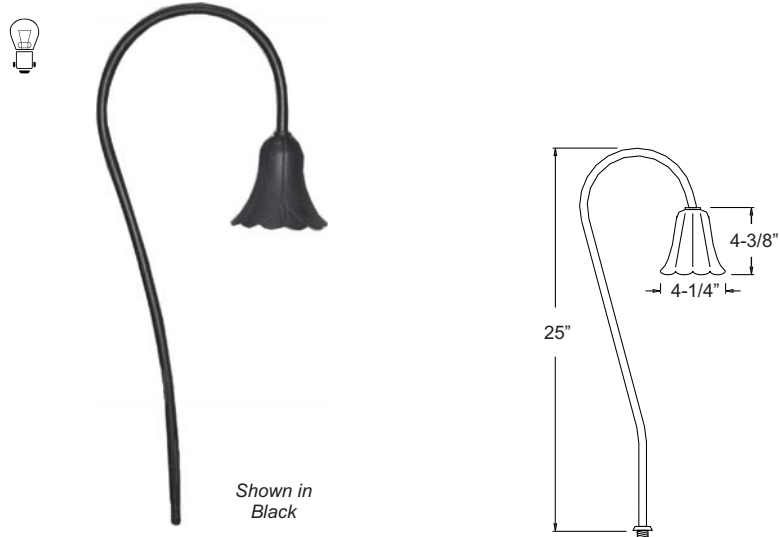
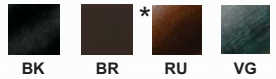


LED S220

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ Bayonet 18W Lamp Included (26W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES



LED *S221

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ Bayonet 18W Lamp Included (26W Max.)
- ▶ GS-10 Super Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISHES





LED B5010 Series

PRODUCT FEATURES

- ▶ Cast Brass
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ 1 Hole on the Bottom with 24" SJT Cord

FINISH



Brass



B5010



***B5011**



B5012

LED SS5010 Series SS5010M Series

PRODUCT FEATURES

- ▶ **SS5010 Series:**
Cast Grade 304 Stainless Steel
- ▶ **SS5010M Series:**
Cast Marine Grade 316 Stainless Steel
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ 1 Hole on the Bottom with 24" SJT Cord

FINISHES



Natural Stainless Steel
SS5010 Series



Premium Stainless Steel
SS5010M Series



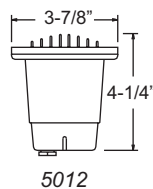
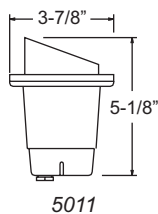
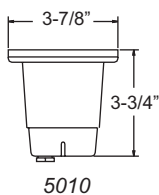
SS5010/M



***SS5011/M**



***SS5012/M**



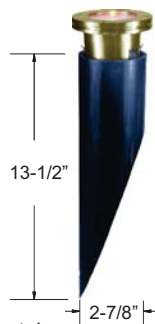
MOUNTING OPTIONS



AP

Shown in
SS5010AP

To receive the Well Light pre-installed in an adjustable Sleeve, add "AP" to the end of the item #.



50PK

Shown in
B5010-50PK

To receive the Fixture with a Slip-On PVC Spike, add "50PK" to the end of the item #.



*While Supplies Last

www.orbitelectric.com

LED 5010 Series

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ 5010, 5012, & 5011: MR16 20W Lamp Included (35W Max.)
- ▶ 5013: JC Bi-Pin 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ 1 Hole on the Bottom with 24" SJT Cord

POWDER COATED FINISHES



5010



5011



5012



5013

LED FG5010 Series

PRODUCT FEATURES

- ▶ Composite
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (20W Max.)
- ▶ Tempered Glass Lens
- ▶ 1 Hole on the Bottom with 24" SJT Cord

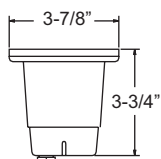
FINISHES



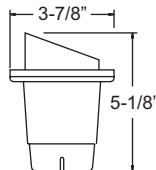
FG5010



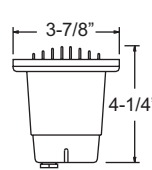
FG5012



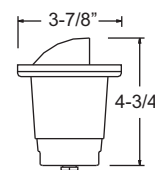
FG/5010



5011



FG/5012



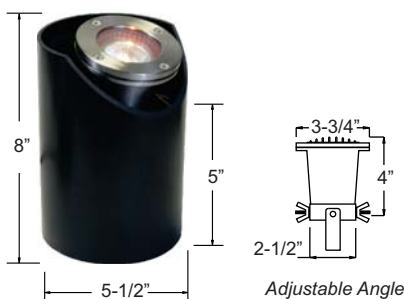
5013

MOUNTING OPTIONS



5010-BRACKET

Black Only



AP

Shown in SS5010AP

To receive the Well Light pre-installed in an adjustable Sleeve, add "AP" to the end of the item #.



50PK

Shown in B5010-50PK

To receive the Fixture with a Slip-On PVC Spike, add "50PK" to the end of the item #.



LED 5110 Series

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ PAR36 Lamp Not Included (50W Max.)
- ▶ Tempered Glass Lens
- ▶ 1 Hole on the Bottom with 24" SJT Cord

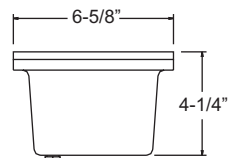
POWDER COATED FINISH



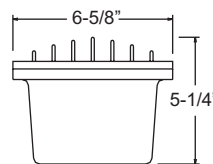
BK



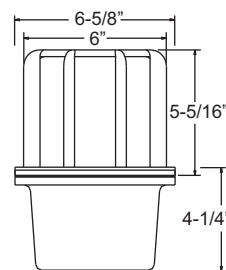
5110



***5113**



***5114**



LED LED Compatible, Sold Separately



LED FG5110

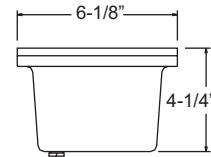
PRODUCT FEATURES

- ▶ Fiberglass
- ▶ 12 Volts
- ▶ PAR36 Lamp Not Included (50W Max.)
- ▶ Tempered Glass Lens
- ▶ 24" SJT Cord

FINISH



BR



LED FG5400 Series

PRODUCT FEATURES

- ▶ PBT Composite Injection Molded
- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass Lens
- ▶ Adjustable Direction Lamp Bracket Tilts $\pm 25^\circ$
- ▶ 1 Hole on the Bottom with 24" SJT Cord

FINISHES



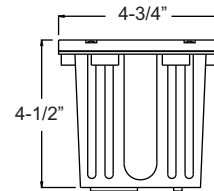
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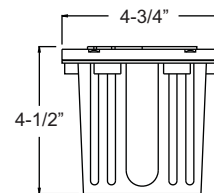
BR



FG5410



FG5412

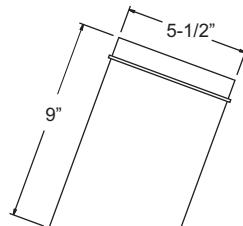




LED *S530

PRODUCT FEATURES

- ▶ Composite
- ▶ 12 Volts
- ▶ PAR36 Lamp Not Included (50W Max.)
- ▶ Stainless Steel Components
- ▶ 36" 18/2 SPT1 Wire



S530-COVER
Replacement Brass
Frame with Glass Lens

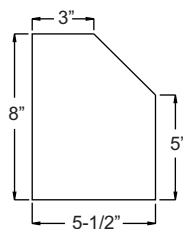


**Stainless Steel
Gimbel Included**

LED 5300S

PRODUCT FEATURES

- ▶ Composite
- ▶ 12 Volts
- ▶ PAR36 Lamp Not Included (50W Max.)
- ▶ Reversible PVC Fixture
- ▶ 36" 18/2 SPT1 Wire



**Optional
53L Louver**



**Shown Installed
on 5300S**

53L

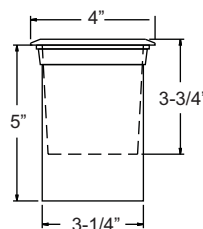
PRODUCT FEATURES

- ▶ Optional Louver for 5300S
- ▶ Bronze Finish

LED 5010S

PRODUCT FEATURES

- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Square Stainless Steel Cover on PVC Sleeve
- ▶ 24" SJT Cord



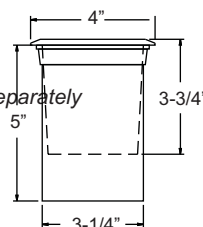
LED 5010R

PRODUCT FEATURES

- ▶ 12 Volts
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Round Stainless Steel Cover on PVC Sleeve
- ▶ 24" SJT Cord



Compatible, Sold Separately



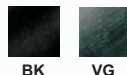


LED 9013

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ 18" Cable & Chain

POWDER COATED FINISHES

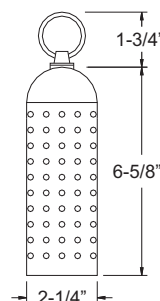


BK

VG



Shown In
Black



LED 3011C

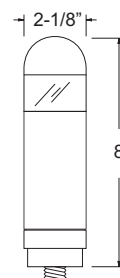
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ MR11 10W Lamp Included (10W Max.)
- ▶ Clear Glass Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISH



BK



LED 3018

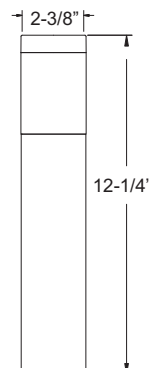
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ Frosted Plastic Lens
- ▶ GS-85 PVC Spike
- ▶ Silicone Wire Nuts

POWDER COATED FINISH



BK

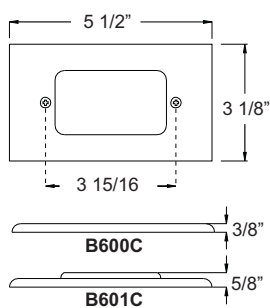




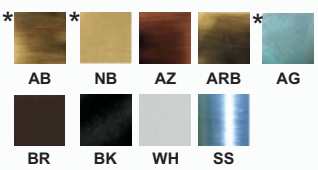
B60 Series

COVER PLATES

- ▶ Solid Brass (AB, NB, AZ, ARB, AG)
- ▶ Powder Coated Galvanized Steel (BR, BK, WH)
- ▶ Stainless Steel (SS)
- ▶ Silicone Gasket



B600C FINISHES



B600C-AG
Aged Green



B600C-NB
Natural Brass

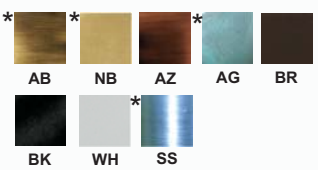


B600C-ARB
Architectural Bronze



B600C-BR
Bronze

B601C FINISHES



B601C-WH
White



B601C-SS
Stainless Steel



B601C-BK
Black

Order housing & coverplate separately



B60H HOUSING

- ▶ 12 Volts
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Galvanized Steel
- ▶ Bayonet 18W Lamp Included (26W Max.)
- ▶ Use with B600C or B601C Coverplates
- ▶ Easily Accessible Wiring with 1/2" KO
- ▶ Adjustable Mounting Flanges



B60H-LED HOUSING

- ▶ 12V
- ▶ UL Listed for Damp Location
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Galvanized Steel
- ▶ 1.5W Input Power
- ▶ Color Temp: 4700K
- ▶ Use with B600C or B601C Coverplates
- ▶ Easily Accessible Wiring with 1/2" KO
- ▶ Adjustable Mounting Flanges

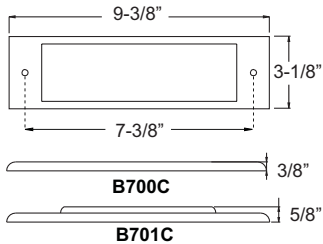


*While Supplies Last

B70 Series

COVER PLATES

- ▶ Solid Brass (AB, NB, AZ, ARB, AG)
- ▶ Powder Coated Galvanized Steel (BR, BK, WH)
- ▶ Stainless Steel (SS)
- ▶ Silicone Gasket



B700C-SS

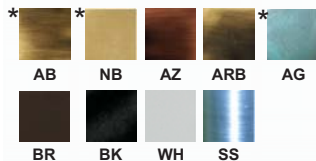
Shown Installed
Stainless Steel



B701C-ARB

Shown Installed
Architectural
Bronze

B700C FINISHES



B700C-WH
White



B700C-BR
Bronze

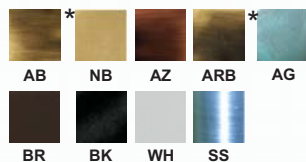


B700C-NB
Natural Brass



B700C-BK
Black

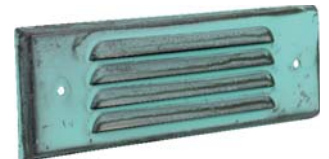
B701C FINISHES



B701C-AZ
Antique Bronze

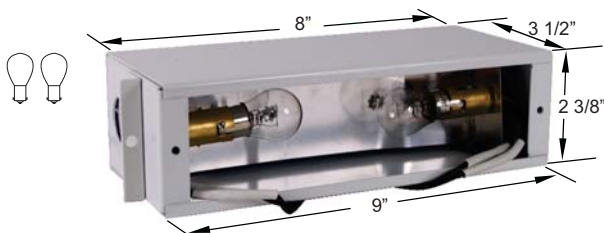


B701C-AB
Antique Brass



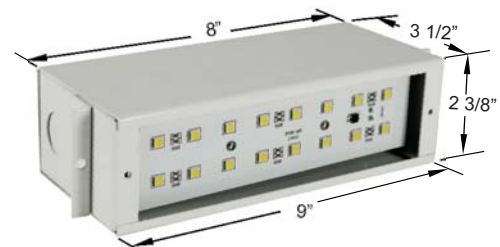
B701C-AG
Aged Green

Order housing & coverplate separately



B70H HOUSING

- ▶ 12V
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Galvanized Steel
- ▶ Bayonet 2 X 18W (36W)
- ▶ Lamp Included (52W Total Max.)
- ▶ Use with B700C or B701C Coverplates
- ▶ Easily Accessible Wiring with 1/2" KO
- ▶ Adjustable Mounting Flanges



B70H-LED HOUSING

- ▶ 12V
- ▶ UL Listed for Damp Location
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Galvanized Steel
- ▶ 4W Input Power
- ▶ Color Temp: 4700K
- ▶ Use with B700C or B701C Coverplates
- ▶ Easily Accessible Wiring with 1/2" KO
- ▶ Adjustable Mounting Flanges

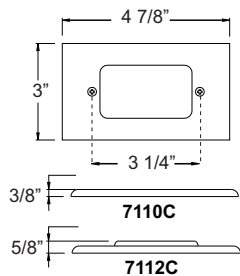




7100 Series

COVER PLATES

- ▶ Solid Brass (AB, AZ, ARB, AG)
- ▶ Powder Coated Galvanized Steel (BR, BK, WH)
- ▶ Stainless Steel (SS)
- ▶ Silicone Gasket

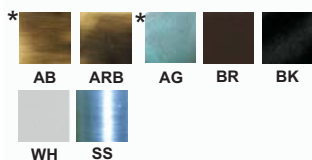

7110C-BK

Shown Installed
Black


7112C-WH

Shown Installed
White

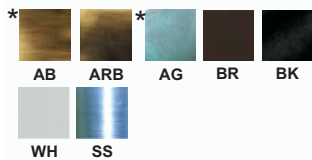
7110C FINISHES


7110C-AG
Aged Green

7110C-BR
Bronze

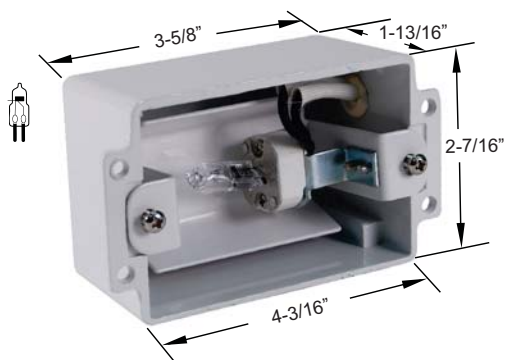
7110C-SS
Stainless Steel

7112C FINISHES


7112C-AB
Antique Brass

7112C-ARB
Architectural
Bronze

Order housing & coverplate separately



7100H HOUSING

- ▶ 12V
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ Use with 7110C, 7112C, 7121C, or 7122C Coverplates



7100H-LED HOUSING

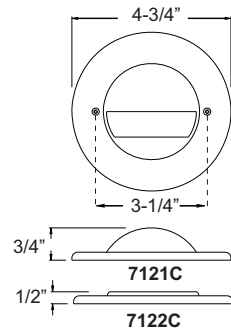
- ▶ 12V
- ▶ UL Listed for Damp Location
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ 2W Input Power
- ▶ Color Temp: 4700K
- ▶ Use with 7110C, 7112C, 7121C, or 7122C Coverplates



712 Series

COVER PLATES

- ▶ Solid Brass (AB, AZ, ARB, AG)
- ▶ Powder Coated Galvanized Steel (BR, BK, WH)
- ▶ Stainless Steel (SS)
- ▶ Silicone Gasket



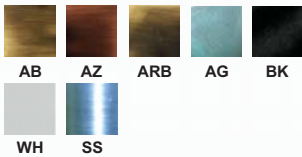
7121C-SS

Shown Installed
Stainless Steel

7122C-BK

Shown Installed
Black

*7121C FINISHES

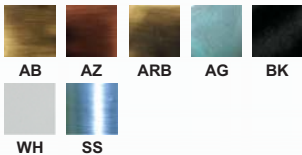


7121C-AG
Aged Green



7121C-WH
White

*7122C FINISHES



7122C-AB
Antique Brass

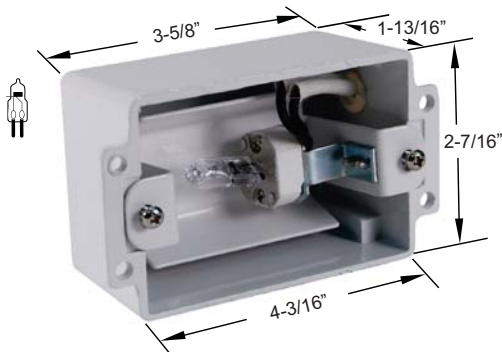


7122C-AZ
Antique Bronze



7122C-ARB
Architectural
Bronze

Order housing & coverplate separately



7100H HOUSING

- ▶ 12V
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ Use with 7110C, 7112C, 7121C, or 7122C Coverplates



7100H-LED HOUSING

- ▶ 12V
- ▶ UL Listed for Damp Location
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ 2W Input Power
- ▶ Color Temp: 4700K
- ▶ Use with 7110C, 7112C, 7121C, or 7122C Coverplates

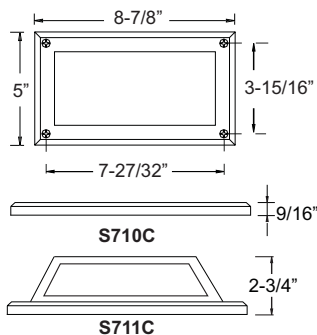




S710 Series

COVER PLATES

- ▶ Powder Coated Cast Aluminum
- ▶ Silicone Gasket



S710C-BK
Shown Installed
Black



S711C-BR
Shown Installed
Bronze

S710C FINISHES



S710C-BR
Bronze



S710C-WH
White

S711C FINISHES

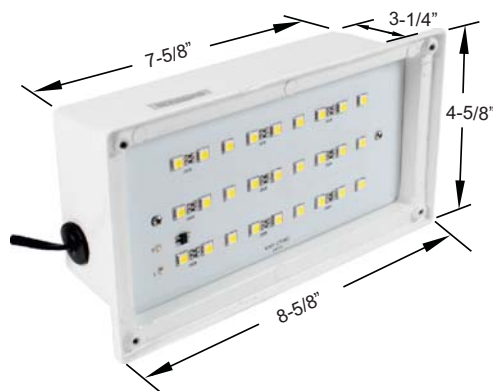


S711C-BK
Black

Order housing & coverplate separately

S710H-LED HOUSING

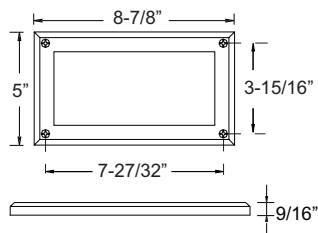
- ▶ 12V (**S710H-LED-12V**)
- ▶ 120V (**S710H-LED-120V**)
- ▶ UL Listed for Damp Location
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ 5.7W Input Power
- ▶ Color Temp: 4700K
- ▶ Easily Accessible Wiring with 1/2" KO
- ▶ Use with S710C, S711C or S713C



S710 Series

COVER PLATES

- ▶ Powder Coated Cast Aluminum
- ▶ Silicone Gasket



S713C-BR
Shown Installed
Bronze



S712C-BR
Shown Installed
Bronze

S712C FINISHES



S712C-BK
Black



S712C-WH
White

S713C FINISHES

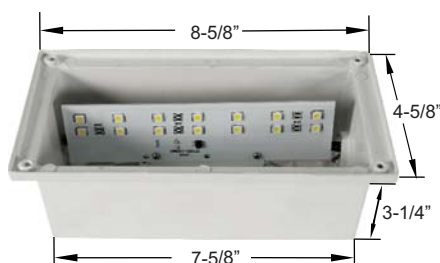


S713C-BK
Black



S713C-WH
White

Order housing & coverplate separately



S712H-LED-12V HOUSING

- ▶ 12V
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ 3.37W Input Power
- ▶ Color Temp: 4000K
- ▶ Use with S712C Only

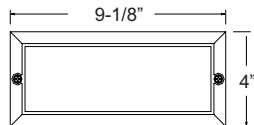


S710H-LED HOUSING

- ▶ 12V (**S710H-LED-12V**)
- ▶ 120V (**S710H-LED-120V**)
- ▶ UL Listed for Damp Location
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ 5.7W Input Power
- ▶ Color Temp: 4700K
- ▶ Easily Accessible Wiring with 1/2" KO
- ▶ Use with S710C, S711C or S713C

**7210 Series****COVER PLATES**

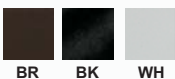
- ▶ Powder Coated Cast Aluminum
- ▶ Silicone Gasket



7210C-BK
Shown Installed
Black



7212C-BR
Shown Installed
Bronze

7210C FINISHES

7210C-BR
Bronze



7210C-WH
White

7212C FINISHES

7212C-BK
Black

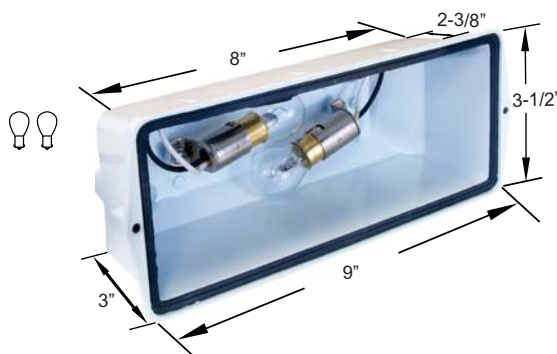


7212C-WH
White

Order housing & coverplate separately

7210H HOUSING

- ▶ 12V
- ▶ Suitable for installation in poured concrete
- ▶ Powder Coated Cast Aluminum
- ▶ Bayonet 2 X 18W (36W) Lamp Included
- ▶ Use with 7210C and 7212C Only
- ▶ Also available in 120 Volts:
7210H-E26 (Pg. H7)





LED SURFACE STEP LIGHTS

PRODUCT FEATURES

- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)

STAINLESS STEEL COATED CAST BRASS



SS



SS7011



***SS7012**

POWDER COATED FINISHES

- ▶ Cast Aluminum



BK



BR



WH



VG



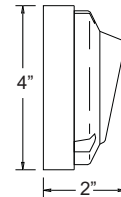
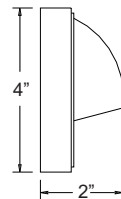
7011

Shown in Black



***7012**

Shown in Bronze



Landscape Lighting

SOLID CAST BRASS FINISHES

*



NB



ARB

- ▶ B7012 only available in ARB Finish



B7011

Shown in Architectural Bronze



***B7012**

Shown in Natural Brass

LED MINI SURFACE WALL LIGHTS

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 12 Volts
- ▶ JC Bi-Pin 20W Lamp Included
- ▶ Frosted Glass

POWDER COATED FINISHES



BK



BR



WH



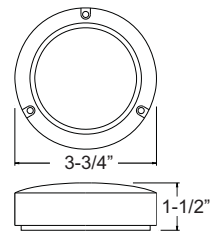
***7050**

Shown in Black



***7053**

Shown in Bronze





LED B510

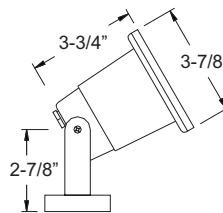
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Brass or Stainless Steel Fittings

FINISH



NB



LED *B511

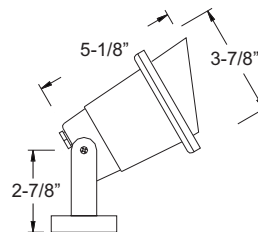
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Brass or Stainless Steel Fittings

FINISH



NB



LED *B512

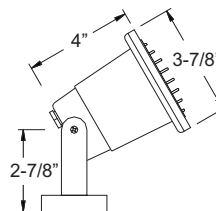
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Brass or Stainless Steel Fittings

FINISH



NB



For Color Lenses and Junction Boxes:
See Page G41





LED SS510

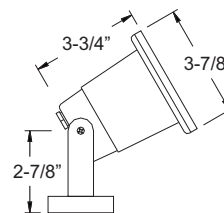
PRODUCT FEATURES

- ▶ Solid Grade 304 Stainless Steel
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Stainless Steel Fittings

FINISH



SS



LED *SS511

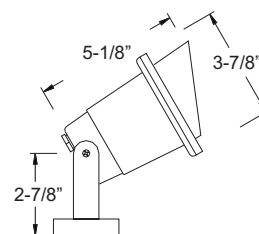
PRODUCT FEATURES

- ▶ Solid Grade 304 Stainless Steel
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Stainless Steel Fittings

FINISH



SS



LED *SS512

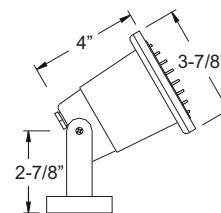
PRODUCT FEATURES

- ▶ Solid Grade 304 Stainless Steel
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Stainless Steel Fittings

FINISH



SS

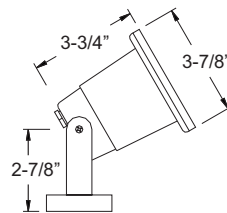


For Color Lenses and Junction Boxes:
See Page G41

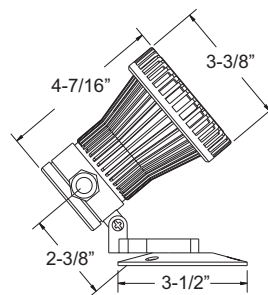



LED 5510
PRODUCT FEATURES

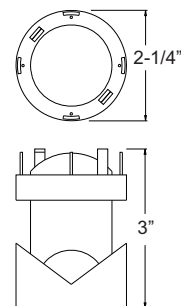
- ▶ Solid Aluminum
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ MR16 20W Lamp Included (35W Max.)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Brass or Stainless Steel Fittings

POWDER COATED FINISHES

LED FG520
PRODUCT FEATURES

- ▶ Composite
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ JC Bi-Pin 20W Lamp Included (20W Max.)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Round Stainless Steel Base
- ▶ Brass or Stainless Steel Fittings

FINISH

***FG505**
PRODUCT FEATURES

- ▶ Composite
- ▶ 12 Volts
- ▶ Three Underwater Lights Kit
- ▶ MR11 20W Lamp Included (20W Max.)
- ▶ Tempered Glass
- ▶ 20-FT. SJT Power Cord
- ▶ AC Adapter Included
- ▶ 4 Colored Lenses Per Fixture (Red, Green, Yellow & Blue)
- ▶ Brass or Stainless Steel Fittings

FINISH


For Color Lenses and Junction Boxes:
See Page G41





*SS5550

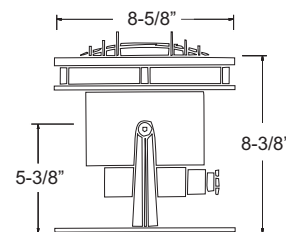
PRODUCT FEATURES

- ▶ Solid Stainless Steel
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ PAR56 Lamp Not Included (300W Max)
- ▶ 30-FT. SJT Power Cord
- ▶ ABS Plastic Lens Guard

FINISH



SS



5500

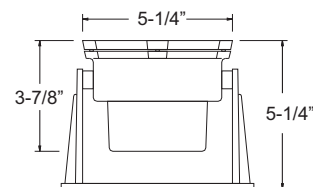
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ PAR36 Lamp Not Included (75W Max)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Brass or Stainless Steel Fittings

FINISH



NB



*SS5500

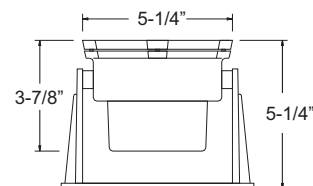
PRODUCT FEATURES

- ▶ Solid Grade 304 Stainless Steel
- ▶ 12 Volts
- ▶ Silicone Gasket
- ▶ PAR36 Lamp Not Included (75W Max)
- ▶ Tempered Glass
- ▶ 30-FT. SJT Power Cord
- ▶ Brass or Stainless Steel Fittings

FINISH



SS



*For Color Lenses, Junction Boxes,
or Lamp Accessories:
See Page G41*



Professional Series

PRODUCT FEATURES

- ▶ Primary Voltage: 120 Volts
- ▶ Secondary Voltage: 12/13/14/15 Volts
- ▶ Frequency: 50/60 Hz
- ▶ Stainless Steel: SS304 Grade
- ▶ Black: Powder Coated CRCA Steel
- ▶ Core Type: E&I
- ▶ Insulation Class: H
- ▶ Circuit Breaker Protection
- ▶ Sealed in Epoxy Compound
- ▶ Timer and Photo Cell Ready

12V~15V Multi-Tap
with Plug-In cord

Transformer Only	Transformer with Timer & Photocell Installed	Finish	Max. Wattage	Dimension (L x W x H)
TRT-75-SS	TRT-75-SS-TP	Stainless Steel	75W	18.976" x 5.35" x 5.629"
TRT-75-BK	TRT-75-BK-TP	Black	75W	
TRT-100-SS	TRT-100-SS-TP	Stainless Steel	100W	
TRT-100-BK	TRT-100-BK-TP	Black	100W	
TRT-150-SS	TRT-150-SS-TP	Stainless Steel	150W	
TRT-150-BK	TRT-150-BK-TP	Black	150W	
TRT-300-SS	TRT-300-SS-TP	Stainless Steel	300W	19.055" x 6.496" x 5.905"
TRT-300-BK	TRT-300-BK-TP	Black	300W	
TRT-600-SS	TRT-600-SS-TP	Stainless Steel	600W	
TRT-600-BK	TRT-600-BK-TP	Black	600W	
TRT-900-SS	TRT-900-SS-TP	Stainless Steel	900W	
TRT-900-BK	TRT-900-BK-TP	Black	900W	



Shown in
Stainless Steel



Shown in
Stainless Steel w/ Cover



Shown in
Black



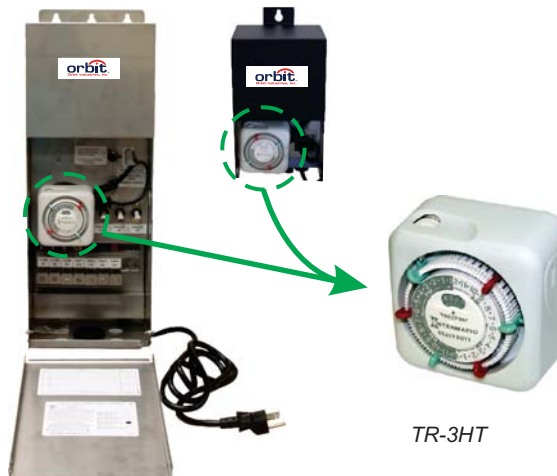
Shown in
Black

Transformer Accessories

Cat. No.	Description	Specs
PC-1ST	Plug-In Swivel-Type Photocell	1200W Tungsten/1000VA Ballast, 1.5VA, 10~20 Lx On/30~60 Lx Off
TR-3HT	Plug-In 24-HR Timer	125VAC, 60HZ, 15A, 1750W 24HR 3 On/Off Settings



PC-1ST



TR-3HT



Cat No.	Description
LET-60-LW	LET 60 AC 120 12 CL2 Low Watt has a low minimum connected load requirement of only 2.9 Watts
LET-60-GW	LET 60 AC 120 12 CL2 Ground Wire has a ground wire with lug and double-sided tape attached to the back of the transformer
LVT-60	LVT 60 AC 120 12 CL2 has a 60 Watt transformer mounting within an enclosure, for remote mounting
LET-75	LET 75 AC 120 12 Standard 75 Watt Transformer
LET-75-277	LET 75 AC 277 12 Standard 75 Watt Transformer
LET-151-12	LET 151 AC 120 12R, 150W max, 50W min with 12V Output
LET-151-24	LET 151 AC 120 24R, 150W max, 50W min with 24V Output



LET-60-LW
LET-60-GW
LET-75



LVT-60



LET-75-277



LET-151-12
LET-151-24



Cat. No.	Description	Voltage	Wattage	Base	Life (Hrs.)	Std. Pkg.
LJC-WW	LED-JC Bi-Pin, WW(3000K)	12V	1.7W	G4	30000	1
LJC-CW	LED-JC Bi-Pin, CW(4100K)	12V	1.7W	G4	30000	1
LBAY-WW	LED-BAYONET, WW(3000K)	12V	1.1W	B15s	30000	1
LBAY-CW	LED-BAYONET, CW(4100K)	12V	1.1W	B15s	30000	1
LMR16-3W-CW	LED MR16 38° Flood, CW(4700K)	12V	3W	GU5.3	25000	10
LMR16-5W-D-WW	LED MR16 Dimm. bulb, 36° Flood, WW(3000K)	12V	5W	GU5.3	25000	10
LMR16-5W-D-CW	LED MR16 Dimm. bulb, 36° Flood, CW(5000K)	12V	5W	GU5.3	25000	10
1141	Incandescent AutoLamp	12V	18W	BA15s	1000	20
*1156	Incandescent AutoLamp	12V	26W	BA15s	1000	20
*10MR8	MR8 Halogen, 21° Beam Angle	12V	10W	GZ4	1000	20
*20MR8	MR8 Halogen, 21° Beam Angle	12V	20W	GZ4	1000	20
BAB/OS	MR16 Halogen, 38° Beam Angle	12V	20W	GU5.3	2000	10
BAB/OSL	MR16 Halogen, 38° Flood, with Clear Lens	12V	20W	GU5.3	2000	10
EXN/OS	MR16 Halogen, 38° Flood	12V	50W	GU5.3	2000	10
EXN/OSL	MR16 Halogen, 38° Flood, with Clear Lens	12V	50W	GU5.3	2000	10
*EXN-BU	MR16 Halogen, 40° Flood-Blue	12V	50W	GU5.3	2000	10
*EXN-GN	MR16 Halogen, 40° Flood-Green	12V	50W	GU5.3	2000	10
*EXN-RD	MR16 Halogen, 40° Flood-Red	12V	50W	GU5.3	2000	10
*EXN-YE	MR16 Halogen, 40° Flood-Yellow	12V	50W	GU5.3	2000	10
EXT/GE	MR16 Halogen, 12° Narrow Spot	12V	50W	GU5.3	2000	10
FMW/OS	MR16 Halogen, 36° Flood	12V	35W	GU5.3	2000	10
FMW/OSL	MR16 Halogen, 36° Flood, with Clear Lens	12V	35W	GU5.3	2000	10
*EYF	MR16 Halogen, Wide Flood	12V	75W	GU5.3	1500	10
FTD	MR11 Halogen, 30° Flood	12V	20W	GZ4	1500	10
FTH	MR11 Halogen, 30° Flood	12V	35W	GZ4	1500	10
JC-10	JC Halogen	12V	10W	G4	1500	20
JC-20/OS	JC Halogen	12V	20W	G4	2000	20
JC-35/OS	JC Halogen	12V	35W	GY6.35	2000	20
JC-50/OS	JC Halogen	12V	50W	GY6.35	2000	20
*PAR36/CAP/50FL	PAR36, 36° Flood	12V	50W	Screw Terminal	3500	10
*PAR36/CAP/50SP	PAR36, 8° Narrow Spot	12V	50W	Screw Terminal	3500	10
*PAR56/300WFL	PAR56, 40 Wide Flood	12V	300W	Screw Terminal	2000	10



Light Bulbs

orbit
Orbit Industries, Inc.

G37



*LJC-WW
LJC-CW*



*LBAY-WW
LBAY-CW*



*LMR16-5W-D-WW
LMR16-5W-D-CW*



LMR16-3W-CW



*1141
1156*



**10MR8
20MR8



*BAB/OS
FMW/OS
EXN/OS
EXT/GE
EYF



*BAB/OSL
FMW/OSL
EXN/OSL*



**EXN-YE*



**EXN-RD*



**EXN-GN*



**EXN-BU*



*FTD
FTH*



*JC-10
JC-20/OS
JC-35/OS
JC-50/OS*



**PAR36/CAP/50FL
PAR36/CAP/50SP



**PAR56/300WFL*

Landscape Lighting



GS-85

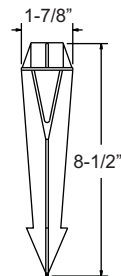
PRODUCT FEATURES

- ▶ 8-1/2" Professional PVC Spike
- ▶ 1/2" Thread

COLOR



BR



GS-10 Super Spike

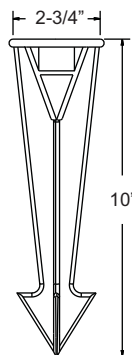
PRODUCT FEATURES

- ▶ 10" Heavy Duty PVC Spike
- ▶ 1/2" Thread

COLOR



BR



50PK

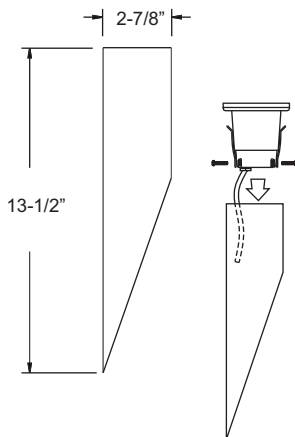
PRODUCT FEATURES

- ▶ 13-1/2" Optional Slip-On PVC Kit
- ▶ 3-1/4" Outer Dia., 2-7/8" Inner Dia.
- ▶ Schedule 80
- ▶ Stainless Steel Mounting Brackets and Hardware Included

COLOR



BR



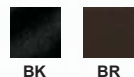
Use with MR16 Well Lights
on Page G16 ~ G17

PP2

PRODUCT FEATURES

- ▶ PVC Post
- ▶ Dia. (2-3/8" O.D.) X 15-1/2" L
- ▶ Schedule 80
- ▶ PVC Cap With 1/2" NPT Hub
- ▶ Stabilizing PVC Fins Included

FINISHES



BK

BR

PPCA

PRODUCT FEATURES

- ▶ Optional 2" Dia. Cast Aluminum Cap
- ▶ Use with PP2
- ▶ Includes Set Screws & Bare Copper Ground Wire

FINISHES



BK

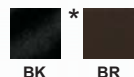
BR

PP2A

PRODUCT FEATURES

- ▶ PVC Post with Cast Aluminum Cap
- ▶ 2" Dia. (2-3/8" O.D.) X 15-1/2" L
- ▶ Schedule 80
- ▶ PVC Cap With 1/2" NPT Hub
- ▶ Stabilizing PVC Fins Included

FINISHES



BK

BR

PP250

PRODUCT FEATURES

- ▶ PVC Post with
- ▶ 2-1/2" Dia. (2-7/8" O.D.) X 18-1/2" L
- ▶ Schedule 80
- ▶ PVC Cap With 1/2" NPT Hub
- ▶ Stabilizing PVC Fins Included

FINISHES



BK

PP250-CAP

PRODUCT FEATURES

- ▶ Replacement Cap for PP250
- ▶ PVC Cap With 1/2" NPT Hub
- ▶ Brass Bushing

FINISHES

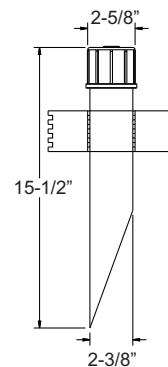


BK



PP2

Shown In Black

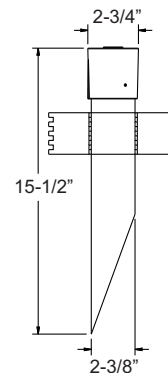


PPCA

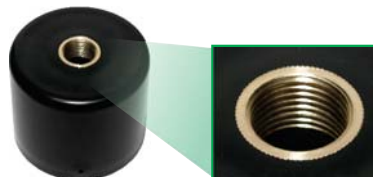
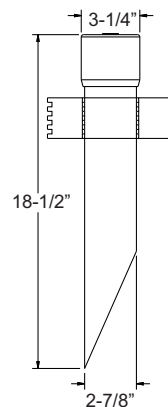


PP2A

Shown in Bronze



PP250



PP250-CAP



Cat. No.	Description	Colors Available	Std. Pkg.
CO-1	Rectangle MR16 Socket with 10" Lead	White	10
CO-2	Round MR16 Socket with 10" Lead	White	10
SWN-BK	Silicone Wire Nut	Black	2
CO-3T	12V Rectangular Snap Connector for LVC Main 10/2, 12/2, or 14/2 to 16/2, 18/2	Black	10
CO-4	12V Screw-in Connector for LVC Main 10/2, 12/2, 14/2, 16/2, or 18/2	Black	10
RN-50-C	1/2" Galvanized Close Nipple	Natural	10
EW-4	4" Extension Wand with Coupling, Cast Aluminum, Powder Coat Finish	BK, BR, GN, VG	10
EW-8	8" Extension Wand with Coupling, Cast Aluminum, Powder Coat Finish	BK, BR, GN, VG	10
EW-13	13" Extension Wand with Coupling, Cast Aluminum, Powder Coat Finish	BK, BR, GN, VG	10
EW-18	18" Extension Wand with Coupling, Cast Aluminum, Powder Coat Finish	BK, BR, GN, VG	10
EW-25	25" Extension Wand with Coupling, Cast Aluminum, Powder Coat Finish	BK, BR, GN, VG, WH	10
A121	90° Adapter, Cast Aluminum	BK, BR, GN, VG, WH	10
BASE	Surface-Mount Bracket 1/2" Female, Cast Aluminum	BK, BR, GN, VG, WH	10
BASE-R	Round Surface-Mount Bracket 1/2" Female, Cast Aluminum	BK, BR, GN, VG, WH	10
*BASE-SB	Round Surface-Mount Bracket 1/2" Female, Solid Brass	AB, AG, AZ	10
TB-LV	Tree-Hugger Canopy, Low-Voltage	BK, BR, GN, VG, WH	1
TB50-3	Tree-Hugger Box and Canopy, 120V, Cast Aluminum	GN	1
PG-2-F	2-Tier Pagoda Replacement Jar	Frosted	1
PG-3	3-Tier Pagoda Replacement Jar	Clear	1
PG-3-F	3-Tier Pagoda Replacement Jar	Frosted	1
PG-4	4-Tier Pagoda Replacement Jar	Clear	1
PG-4-F	4-Tier Pagoda Replacement Jar	Frosted	1
*CL-MR16	Colored Lens for MR16 Underwater Lights and Well Lights D=4-5/8"	YE, GN, BU	1
*CL-PAR36	Colored Lens for 5500 & SS5500 PAR36 Underwater Lights D=4-5/8"	YE, RE, GN, BU	1
RS-9	9" Tree Hugger Rubber Strap, Expandable to Twice its Length	BK	1
RS-15	15" Tree Hugger Rubber Strap, Expandable to Twice its Length	BK	1
RS-22	22" Tree Hugger Rubber Strap, Expandable to Twice its Length	BK	1
RS-31	31" Tree Hugger Rubber Strap, Expandable to Twice its Length	BK	1
LVC-8	8/2 Low-Voltage Direct Burial Cable	BK	500(ft.)
LVC-10	10/2 Low-Voltage Direct Burial Cable	BK	500(ft.)
LVC-12	12/2 Low-Voltage Direct Burial Cable	BK	500(ft.)
LVC-14	14/2 Low-Voltage Direct Burial Cable	BK	500(ft.)
*UWJB-6	Underwater Junction Boxes, 6-Way Connection, Max. O.D. Cable-0.328"	Solid Brass	1
*UWJB-8	Underwater Junction Boxes, 8-Way Connection, Max. O.D. Cable-0.328"	Solid Brass	1
*UWJB-10	Underwater Junction Boxes, 10-Way Connection, Max. O.D. Cable-0.328"	Solid Brass	1



CO-1



CO-2



SWN-BK



CO-3T



CO-4



RN-50-C



A121



BASE



BASE-R



BASE-SB



TB-LV



TB50-3

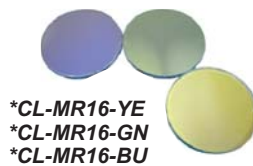


PG-2-F
PG-3-F
PG-4-F



PG-3
PG-4

EW-4
EW-8
EW-13
EW-18
EW-25



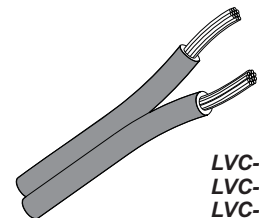
*CL-MR16-YE
*CL-MR16-GN
*CL-MR16-BU



CL-PAR36-YE
CL-PAR36-RE
CL-PAR36-GN
CL-PAR36-BU



RS-9
RS-15
RS-22
RS-31



LVC-8
LVC-10
LVC-12
LVC-14



UWJB-6



UWJB-8



UWJB-10



Line Voltage Lighting





2033



2044



HL31-COP



HL31-ARB



S613



P639



LH150-SG



HL16



HL20



FGHL20



HL20S



HL30



HL38



HL38-MH70



FGHL38



HL2



5210



5212



5213



5214



FG5210



FG5213



S710C



S711C



S712C



S713C



S710H-E26



S710H-PLQ13



S710H-LED-120V



7711-A19



7817-A19



7603-A19



7613-A19



7614-A19



7605-A19



7615-A19



7606-A19



7607-A19



VPB2



VPW2



8300



8402



8330



8340



CTL-F



CTL-105



CTL-200



**LCTL-100
LCTL-120**



CFL-105W



CFL-200W



**LCB-100W-CW
LCB-120W-CW**



HHB1-MH400-PS



HHB1-WG



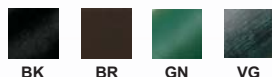
HHB1-WG2

LED 2033

PRODUCT FEATURES

- ▶ 120 Volts
- ▶ Medium Base E26 Socket
Lamp Not Included (60W Max.)
- ▶ Cast Aluminum
- ▶ 3-Tier
- ▶ **Frosted** Glass Lens Standard,
Clear by Request

POWDER COATED FINISHES

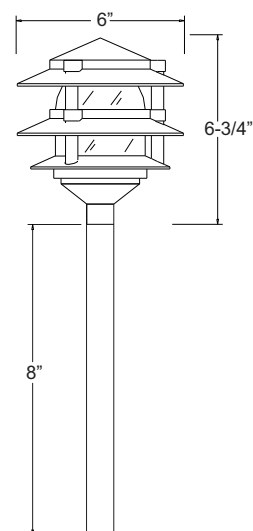


*Also Available in 12 Volts:
2030 on Page G9*

*Replacement Glass
(PG-3 & PG-3-F)
available on Page G40*



Shown In Black

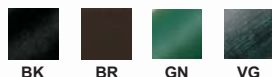


LED 2044

PRODUCT FEATURES

- ▶ 120 Volts
- ▶ Medium Base E26 Socket
Lamp Not Included (60W Max.)
- ▶ Cast Aluminum
- ▶ 4-Tier
- ▶ **Frosted** Glass Lens Standard,
Clear by Request

POWDER COATED FINISHES

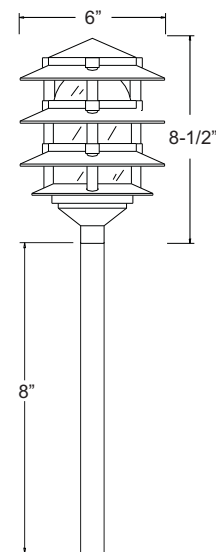


*Also Available in 12 Volts:
2040 on Page G10*

*Replacement Glass
(PG-4 & PG-4-F)
available on Page G40*



Shown In Black

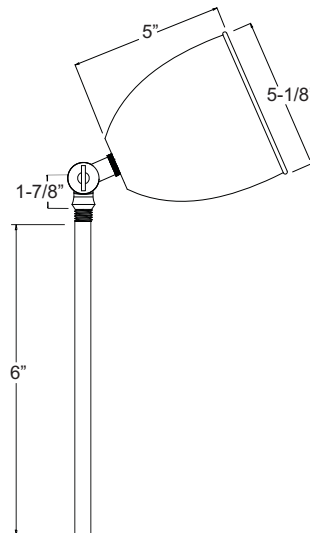



LED HL31-COP
PRODUCT FEATURES

- ▶ Solid Copper Polished
- ▶ 120 Volts
- ▶ PAR30 Lamp
Not Included (75W Max.)

FINISH

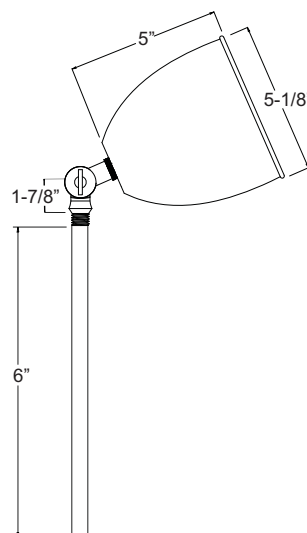

COPPER


LED HL31-ARB
PRODUCT FEATURES

- ▶ Solid Brass
- ▶ 120 Volts
- ▶ PAR30 Lamp
Not Included (75W Max.)

FINISH


ARB





*S613

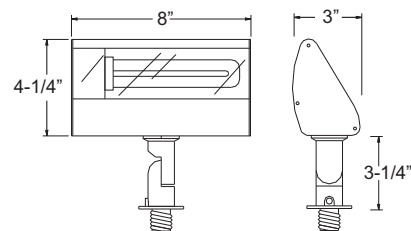
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 120 Volts
- ▶ PL13 Lamp Included
- ▶ Tempered Glass Lens

FINISH



GN



*P639

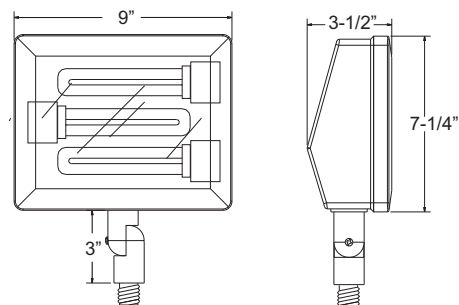
PRODUCT FEATURES

- ▶ Heavy-Duty ABS Plastic
- ▶ 120 Volts
- ▶ 3 X PL13 Lamp Included
- ▶ Acrylic Lens

FINISH



BK

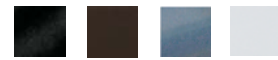


LED LH150-SG

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 120 Volts
- ▶ Black Silicon Gasket Seals Lamp
- ▶ PAR38 Lamp Not Included (90W Max.)
- ▶ Premium Lamp Holder

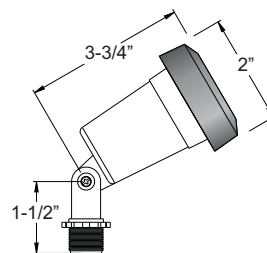
POWDER COATED FINISHES



BK BR GY WH



Shown In Gray



LED *HL16

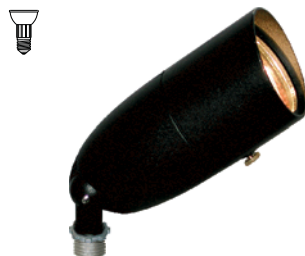
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 120 Volts
- ▶ PAR16 or JDR16 Lamp Not Included (50W Max.)
- ▶ Tempered Glass Lens
- ▶ O-Ring Silicone Gasket

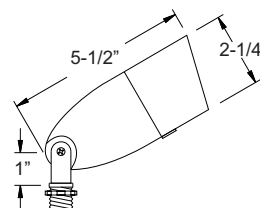
POWDER COATED FINISHES



BK BR



Shown In Black



50JDR16 on
Page H20



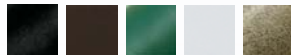


LED *HL20

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 120 Volts
- ▶ PAR20 Lamp Not Included (50W Max.)
- ▶ Tempered Glass Lens
- ▶ O-Ring Silicone Gasket

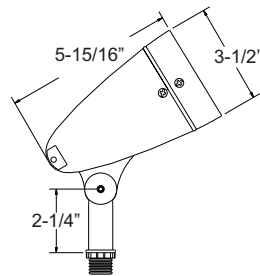
POWDER COATED FINISHES



BK BR GN WH SA



Shown In Bronze



LED FGHL20

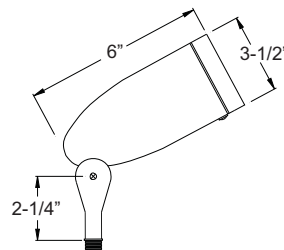
PRODUCT FEATURES

- ▶ Composite
- ▶ 120 Volts
- ▶ PAR20 Lamp Not Included (50W Max.)
- ▶ Convex Acrylic Lens
- ▶ O-Ring Silicone Gasket

FINISH



BR



LED *HL20S

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 120 Volts
- ▶ PAR20 Lamp Not Included (50W Max.)
- ▶ Tempered Glass Lens
- ▶ O-Ring Silicone Gasket

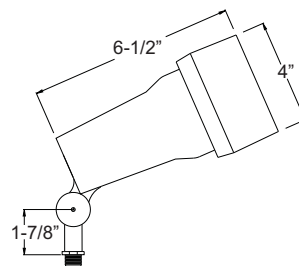
POWDER COATED FINISHES



BK GN WH



Shown In Green



LED *HL30

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 120 Volts
- ▶ PAR30 Lamp Not Included (75W Max.)
- ▶ Tempered Glass Lens
- ▶ O-Ring Silicone Gasket

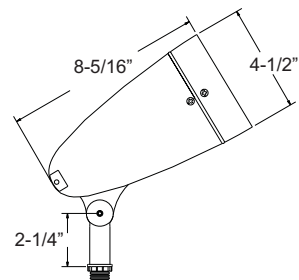
POWDER COATED FINISHES



BK BR GN WH



Shown In Bronze



LED *HL38

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 120 Volts
- ▶ PAR38 Lamp
Not Included (90W Max.)
- ▶ Tempered Glass Lens
- ▶ O-Ring Silicone Gasket

POWDER COATED FINISHES



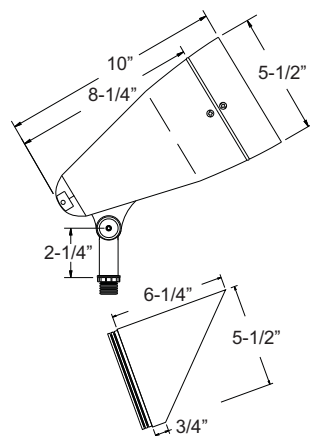
BK

BR

GN



Shown In Bronze



38V

Optional Glare
Shield for HL38

LED *HL38-MH70

PRODUCT FEATURES

- ▶ 120/208/240/277V,
Quad Tap CWA
- ▶ Metal Halide (MH) 70W Lamp
Included, 5500 Lumens, 65 CRI
Color Rendition

POWDER COATED FINISHES



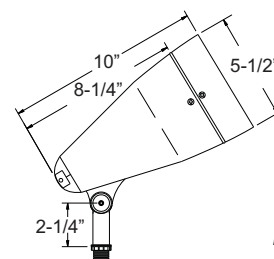
BK

BR

GN



Fixture Shown in
Black



LED FGHL38

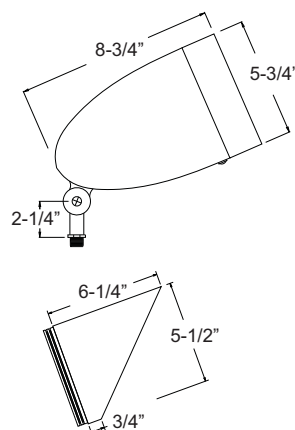
PRODUCT FEATURES

- ▶ Composite
- ▶ 120 Volts
- ▶ PAR38 Lamp
Not Included (90W Max.)
- ▶ Tempered Glass Lens
- ▶ O-Ring Silicone Gasket

FINISH



BR



FG38V

Optional Glare
Shield for FGHL38

LED *HL2

PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ 120 Volts
- ▶ PAR38 Lamp
Not Included (90W Max.)
- ▶ Silicone Gasket

POWDER COATED FINISHES



BK

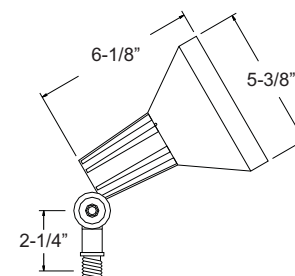
GY

GN

WH



Shown In Green



LED Compatible, Sold Separately

www.orbitelectric.com

*While Supplies Last

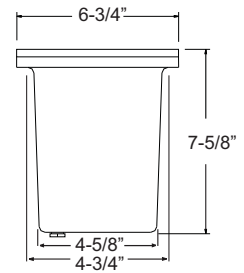
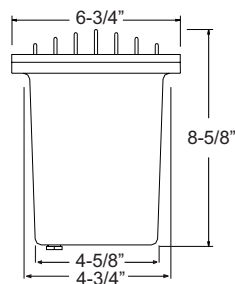
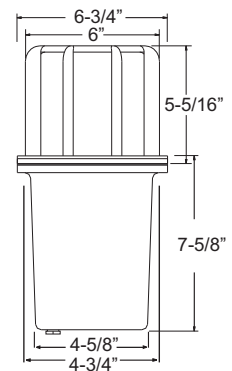


**120V****LED 5200 Series****PRODUCT FEATURES**

- ▶ Cast Aluminum
- ▶ PAR38 Lamp Not Included (75W Max.)
- ▶ Tempered Glass Lens
- ▶ 3 Holes on the Bottom: 1-SJT Cord, 1-Plug and 1-Blank
- ▶ 24" SJT Cord

POWDER COATED FINISHES

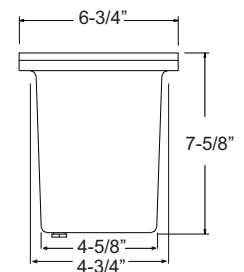
BK

**5210****5213****5212*****5214****LED FG5200 Series****PRODUCT FEATURES**

- ▶ Fiberglass
- ▶ PAR38 Lamp Not Included (75W Max.)
- ▶ Tempered Glass Lens
- ▶ 3 Holes on the Bottom: 1-SJT Cord, 1-Plug and 1-Blank
- ▶ Corrosion Resistant

POWDER COATED FINISHES

BK

**FG5210****FG5213**



COVER PLATES

S710 Series

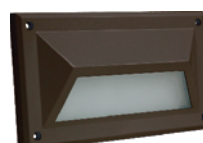
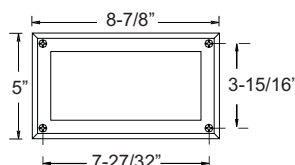
PRODUCT FEATURES

- ▶ Cast Aluminum
- ▶ Frosted Glass Lens
- ▶ Silicone Gasket Included

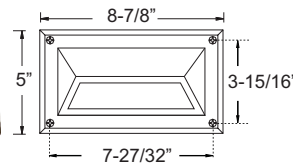
POWDER COATED FINISHES



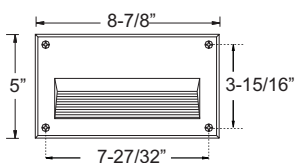
S710C



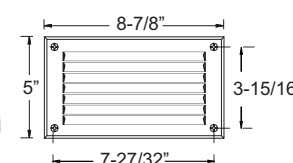
S711C



S712C



S713C



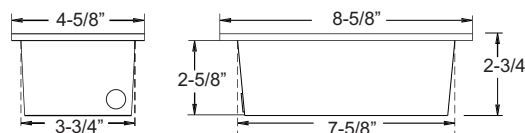
Only Use with S710H-E26

ORDERING GUIDE SAMPLE

Housing: S710H-E26
Coverplate Config.: S713C-BK

Order Housing & Coverplate Separately

HOUSING OPTIONS (120V)

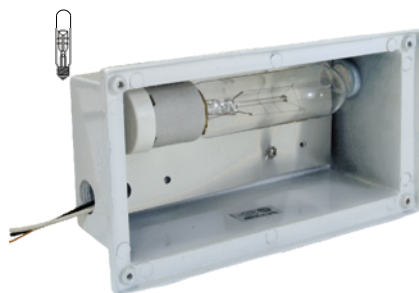


H.I.D. Lighting

S710H-E26

PRODUCT FEATURES

- ▶ Powder Coated Cast Aluminum
- ▶ 120 Volts
- ▶ T-10 Lamp Not Included (40W Max.)
- ▶ Medium Base Socket
- ▶ Use with S710C, S711C, S712C or S713C Coverplates



*S710H-PLQ13

PRODUCT FEATURES

- ▶ Powder Coated Cast Aluminum
- ▶ 120 Volts
- ▶ PLQ13 13W Lamp Included
- ▶ Use with S710C, S711C or S713C Coverplates



S710H-LED-120V

PRODUCT FEATURES

- ▶ Powder Coated Cast Aluminum
- ▶ 120 Volts
- ▶ 5.70W Input Power
- ▶ Color Temperature: 4000K
- ▶ Use with S710C, S711C or S713C Coverplates



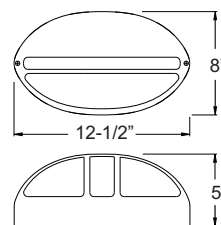
*Also Available in 12 Volts:
S710H-LED-12V on Page G26*


LED *7711-A19
PRODUCT FEATURES

- ▶ 120 Volts
- ▶ Medium Base E26 Socket
- ▶ Lamp Not Included (100W Max.)
- ▶ Cast Aluminum
- ▶ Silicone Gasket
- ▶ Opal Polycarbonate Lens

POWDER COATED FINISHES


WH


LED *7817-A19
PRODUCT FEATURES

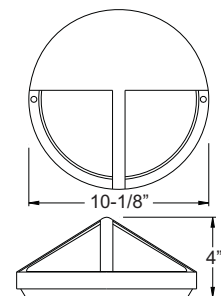
- ▶ 120 Volts
- ▶ Medium Base E26 Socket
- ▶ Lamp Not Included (100W Max.)
- ▶ Cast Aluminum
- ▶ Silicone Gasket
- ▶ Frosted Glass Lens

POWDER COATED FINISHES


BR



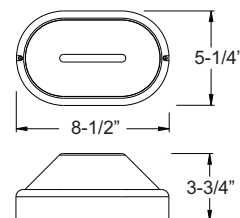
WH


LED *7603-A19
PRODUCT FEATURES

- ▶ 120 Volts
- ▶ Medium Base E26 Socket
- ▶ Lamp Not Included (60W Max.)
- ▶ Cast Aluminum
- ▶ Silicone Gasket
- ▶ Frosted Glass Lens

POWDER COATED FINISHES

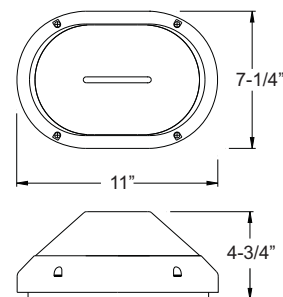

WH


LED *7613-A19
PRODUCT FEATURES

- ▶ 120 Volts
- ▶ Medium Base E26 Socket
- ▶ Lamp Not Included (100W Max.)
- ▶ Cast Aluminum
- ▶ Silicone Gasket
- ▶ Frosted Glass Lens

POWDER COATED FINISHES

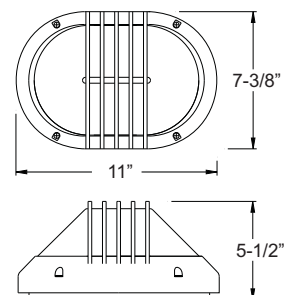

WH


LED *7614-A19
PRODUCT FEATURES

- ▶ 120 Volts
- ▶ Medium Base E26 Socket
- ▶ Lamp Not Included (100W Max.)
- ▶ Cast Aluminum
- ▶ Silicone Gasket
- ▶ Frosted Glass Lens

POWDER COATED FINISHES


WH





*7605-A19

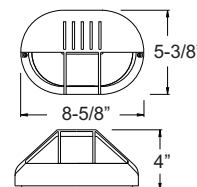
PRODUCT FEATURES

- ▶ 120 Volts
- ▶ Medium Base E26 Socket
Lamp Not Included (60W Max.)
- ▶ Cast Aluminum
- ▶ Silicone Gasket
- ▶ Frosted Glass Lens

POWDER COATED FINISHES



WH



*7615-A19

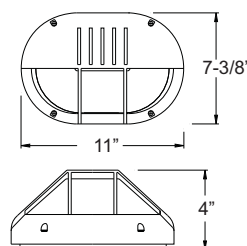
PRODUCT FEATURES

- ▶ 120 Volts
- ▶ Medium Base E26 Socket
Lamp Not Included (100W Max.)
- ▶ Cast Aluminum
- ▶ Silicone Gasket
- ▶ Frosted Glass Lens

POWDER COATED FINISHES



WH



*7606-A19

PRODUCT FEATURES

- ▶ 120 Volts
- ▶ Medium Base E26 Socket
Lamp Not Included (60W Max.)
- ▶ Cast Aluminum
- ▶ Silicone Gasket
- ▶ Opal Polycarbonate Lens

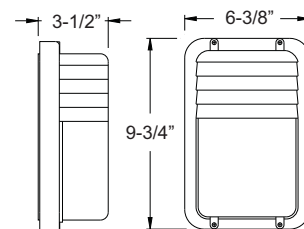
POWDER COATED FINISHES



BR



WH



*7607-A19

PRODUCT FEATURES

- ▶ 120 Volts
- ▶ Medium Base E26 Socket
Lamp Not Included (60W Max.)
- ▶ Cast Aluminum
- ▶ Silicone Gasket
- ▶ Opal Polycarbonate Lens

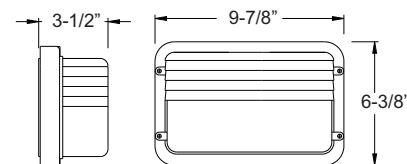
POWDER COATED FINISHES



BR



WH



LED 150 Watt Small Jar

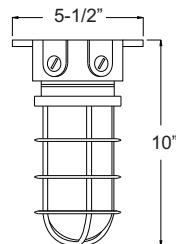
PRODUCT FEATURES

- ▶ Die Cast Aluminum with Die Cast Guard
- ▶ Silicone Gasket
- ▶ Medium Base E26 Socket
- ▶ Lamp Not Included (150W Max.)
- ▶ 1/2" NPS Hub Size
- ▶ Clear Glass Jar

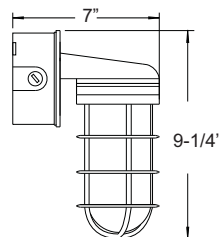
Also Available as
LED Fixture (Pg. 14)



VPB2



VPW2



VG20-CL

Replacement Glass

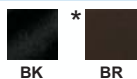


LED Standard Series

PRODUCT FEATURES

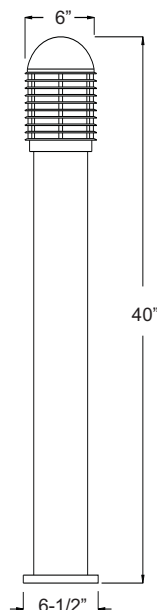
- ▶ Cast Aluminum
- ▶ 120V
- ▶ Medium Base E26 Socket, Lamp Not Included
- ▶ Opal Polycarbonate Lens
- ▶ Includes Mounting Hardware and Anchors

POWDER COATED FINISHES



8300

Shown in Black



8402

Shown in Black



LED Spec. Series

PRODUCT FEATURES

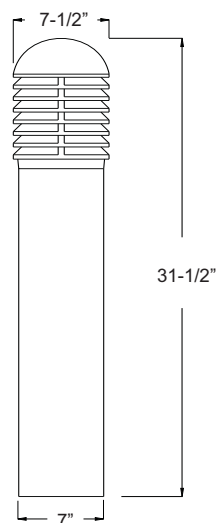
- ▶ Heavy-Duty Cast Aluminum
- ▶ 6 Levels of Tempered Glass
- ▶ Medium Base E26 Socket, Lamp Not Included
- ▶ Includes Mounting Hardware and Anchors

POWDER COATED FINISHES



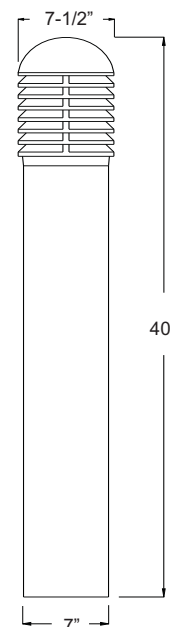
***8330**

Shown in Black



***8340**

Shown in Black

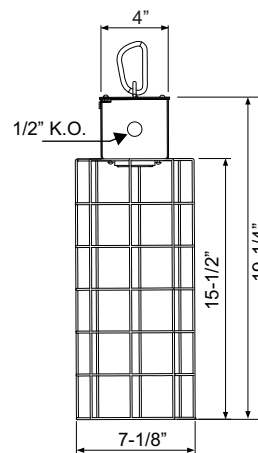


H.I.D. Lighting

CONSTRUCTION TEMP LIGHTS

PRODUCT FEATURES

- ▶ Rugged steel construction
- ▶ 120~277 Volts
- ▶ E39 Mogul Base
- ▶ Stainless steel snap hook easily attaches fixture to any structural member
- ▶ Welded steel cage and Snap-On Shatter Guard ensures maximum workplace safety
- ▶ 6 ft., 3-prong male plug
- ▶ 6 in., 3-prong female plug
- ▶ Orange Powder Coating for high visibility



CTL-F

CTL AND LAMP ASSEMBLY

Cat. No.	Lamp	Wattage	Color Temp.	Lumens	Life Hours
CTL-105	105 CFL	105W	6400K	5,250 lm	10,000 hrs
CTL-200	200 CFL	200W	6400K	10,000 lm	10,000 hrs
LCTL-100	100 LED	100W	6000K	13,000 lm	50,000 hrs
LCTL-120	120 LED	120W	5000K	17,500 lm	50,000 hrs



CTL-105



CTL-200

LCTL-100
LCTL-120

LAMPS ONLY

COMPACT FLUORESCENT

Cat. No.	Wattage	Color Temp.	Lumens	Life Hours
CFL-105W	105W	6400K	5,250 lm	10,000 hrs
CFL-200W	200W	6400K	10,000 lm	10,000 hrs



CFL-105W



CFL-200W

LED

Cat. No.	Wattage	Color Temp.	Lumens	Life Hours
LCB-100W-CW	100W	6000K	13,000 lm	50,000 hrs
LCB-120W-CW	120W	5000K	17,500 lm	50,000 hrs

LCB-100W-CW
LCB-120W-CW



*** HHB1-MH400-PS
(Pulse Start)**

BALLAST

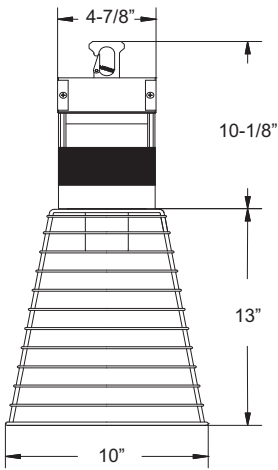
- ▶ 120/208/240/277V Quad CWA

LAMP

- ▶ Mogul Base 400W Metal Halide Lamp Included, 33100 Lumens, 82 CRI Color Rendition

PRODUCT FEATURES

- ▶ Cast Aluminum Construction
- ▶ High-Bay Light with Wire Guard
- ▶ Chrome Steel Wire Guard Protects Bulb
- ▶ Hook Included

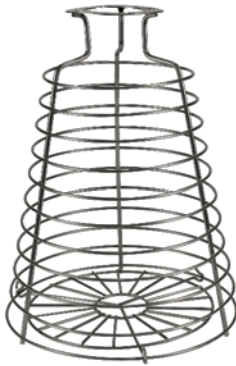


**TEMP LIGHT
ACCESSORIES**

Cat. No.	Description
HHB1-WG	Chrome Steel Wire Guard
HHB1-WG2	Chrome Steel Wire Guard



HHB1-WG

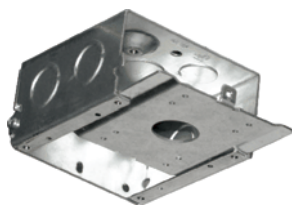


HHB1-WG2

HIGH/LOW BAY ACCESSORIES

ALL ACCESSORIES CAN BE
USED WITH MOST FIXTURES

Cat. No.	Description
EALB	Easy Access Lighting Box 2 1/8" Deep
EALBS	Easy Access Lighting Box 2 1/8" Deep with the Sliding Swivel Cover Plate
SCS-75	Swivel Cover for Square Box, 3/4" Hub with 1/2" Reducing Bushing
SCR-75	Swivel Cover for Round Box, 3/4" Hub with 1/2" Reducing Bushing
HHB2-AR16	16" Aluminum Reflector Dome
HHB2-AR22	22" Aluminum Reflector Dome
HHB2-ACR16	16" Prismatic Acrylic Reflector Dome, Requires HHB2-CO16 Collar for installation (Sold Separately)
HHB2-ACR22	22" Prismatic Acrylic Reflector Dome, Requires HHB2-CO22 Collar for installation (Sold Separately)
HHB2-GL16	16" Tempered Glass Lens with Rubber Gasket (Clamp Band Required for Installation, Sold Separately)
HHB2-GL22	22" Tempered Glass Lens with Rubber Gasket (Clamp Band Required for Installation, Sold Separately)
HHB2-WG16	16" Wire Guard, Chrome Steel
HHB2-WG22	22" Wire Guard, Chrome Steel
HHB2-ACDL16	16" Acrylic Drop Lens (Clamp Band Required for Installation, Sold Separately)
HHB2-ACDL22	22" Acrylic Drop Lens (Clamp Band Required for Installation, Sold Separately)
HHB2-CH	3/4" Cast Hook
HHB2-CB16	16" Clamp Band
HHB2-CB22	22" Clamp Band
HHB2-CO16	Collar for 16" Prismatic Dome
HHB2-CO22	Collar for 22" Prismatic Dome



EALB



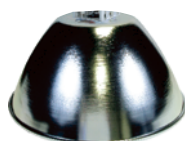
EALBS



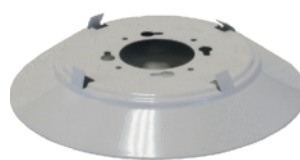
SCS-75



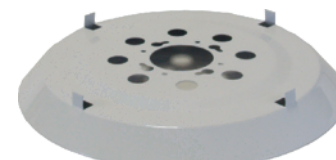
SCR-75

HHB2-AR16
HHB2-AR22HHB2-ACR16
HHB2-ACR22HHB2-GL16
HHB2-GL22HHB2-WG16
HHB2-WG22HHB2-ACDL16
HHB2-ACDL22

HHB2-CH

HHB2-CB16
HHB2-CB22

HHB2-CO16



HHB2-CO22

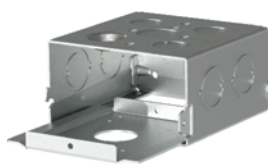
EASY ACCESS LIGHTING BOX 2-1/8" DEEP

30.2 Cu. In.

PRODUCT FEATURES

- ▶ Fast and efficient installations
- ▶ Sliding cover plate for one person installations
- ▶ Available with either standard or swivel sliding cover plate
- ▶ Swivel reduces damage to hanging fixtures when struck
- ▶ Complies with NEC 314.27 (A)(D) for up to 90 lbs. of fixture load (for more information see pg. W14)

Cat. No.	Description	Dimensions (W x H)	Knockouts		Std. Pkg.
			Sides	Bottom	
EALB	Easy Access Lighting Box	4" X 4"	4-CKO	3-1/2", 1-3/4"	50
EALBS	Easy Access Lighting Box with the Sliding Swivel	4" X 4"	4-CKO	3-1/2", 1-3/4"	10

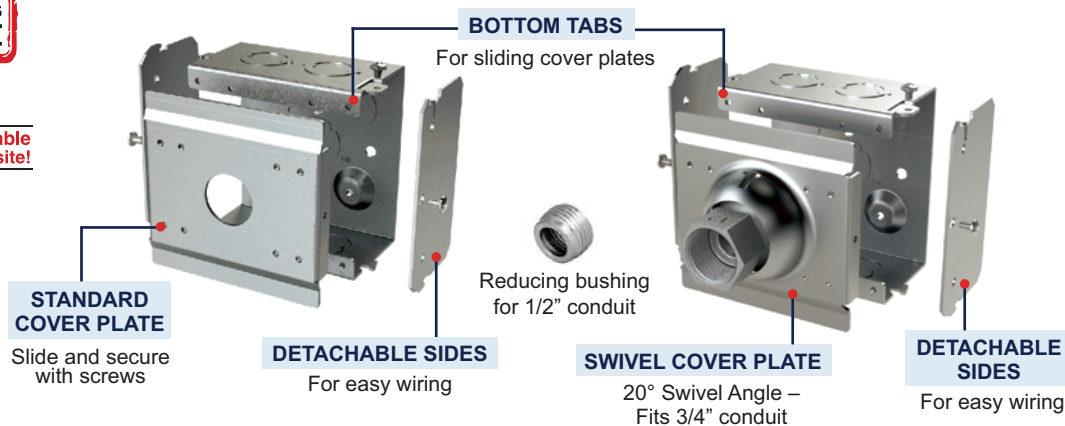


EALB

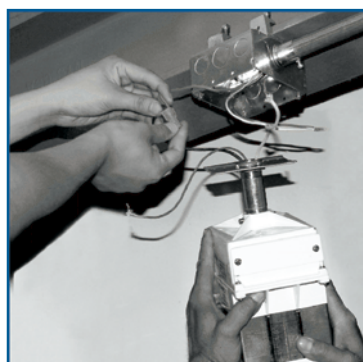


EALBS

Only box UL-Listed for up to 90lbs of fixture load!

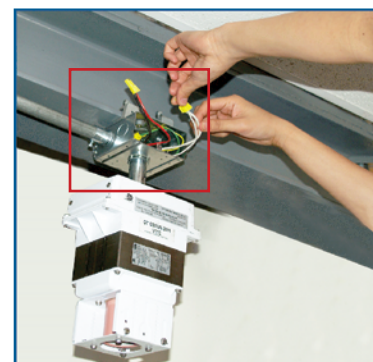


**50%
LABOR
SAVINGS**



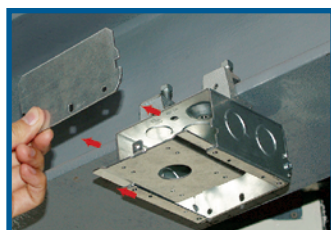
TRADITIONAL METHOD

Requires two installers

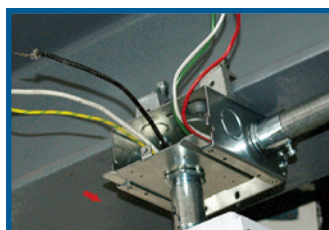


WITH ORBIT'S EALB/S

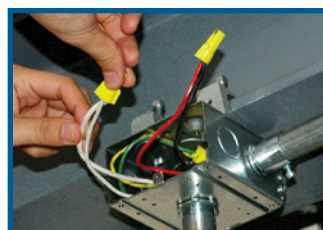
Only one installer



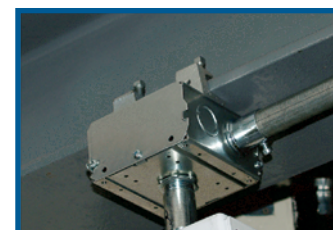
(1) Install EALB with side plate and cover plate REMOVED



(2) Install cover plate on lighting fixture and slide it back into the box



(3) Complete wiring



(4) Attach side plate with screws to finish installation

BAL SERIES

FLUORESCENT EMERGENCY LIGHTING BALLASTS LAMP COMPATIBILITY

PRODUCT FEATURES

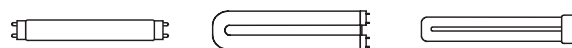
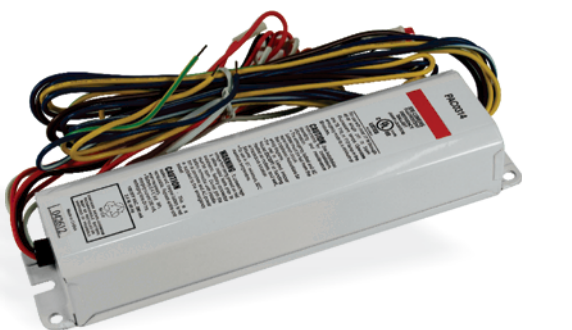
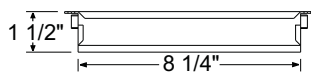
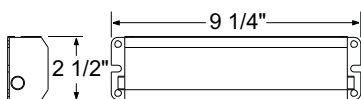
- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Listed for Damp Location (0°C – 50°C)
- ▶ Two rate charger initiates battery charging to recharge an empty battery in 24 hours
- ▶ 90 Minutes Minimum Emergency Operation
- ▶ Suitable for installation inside, on top or in remote of the fixture
- ▶ Battery, Charger and Inverter Circuit included
- ▶ White finish (BAL500-1400)
- ▶ Red finish (BAL3000)

Voltage	Max Lumens	Battery
BAL500	500	2.4V
BAL650C	750	3.6V
BAL700	700	3.6V
BAL1400	1400	6.0V
BAL3000	3000	14.4V

BAL 500

PRODUCT FEATURES

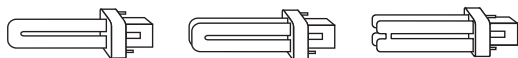
- ▶ Compatible with most One-, Two-, Three-, and Four-Lamp Electronic Standard and Dimming AC Ballasts
- ▶ Operates one T5, T5HO, T8, T12, Circular T5/T9, U-bend T8/T12, 4-Pin CFL and long CFL lamp in emergency mode. For the complete compatibility list, visit www.orbitelectric.com



BAL650C-2PIN

PRODUCT FEATURES

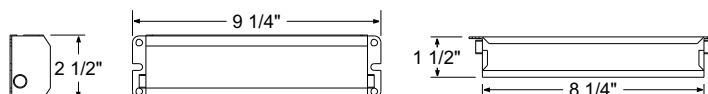
- ▶ Compatible with most One-, Two-, Three-, and Four-Lamp Electronic Standard and Dimming AC Ballasts
- ▶ Operates one 13W-26W, 2-pin compact fluorescent lamps with GX23 and G24D bases. For complete compatibility list, visit www.orbitelectric.com



BAL650C-4PIN

PRODUCT FEATURES

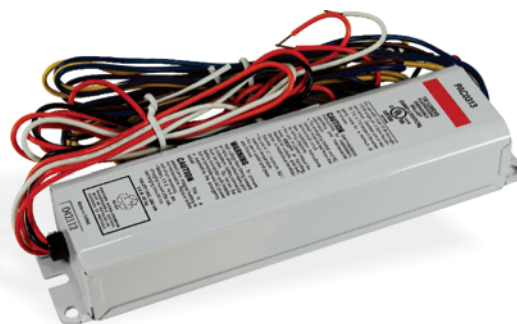
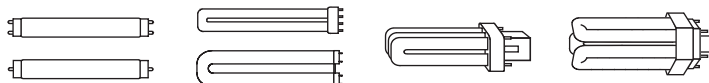
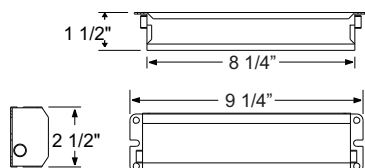
- ▶ Compatible with most One-, Two-, Three-, and Four-Lamp Electronic Standard and Dimming AC Ballasts
- ▶ Operates one or two T5, T5HO, T8, T12, Circular T9, U-bend T8/T12, 4-Pin CFL and long CFL lamp in emergency mode. For the complete compatibility list, visit www.orbitelectric.com



BAL 700

PRODUCT FEATURES

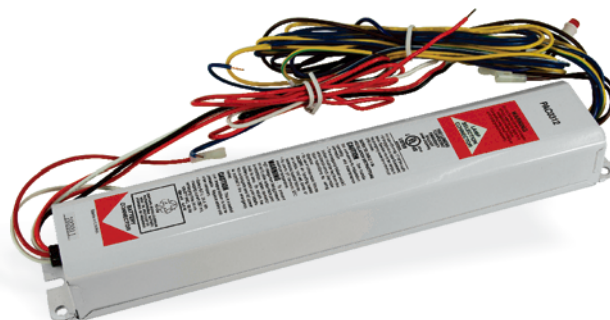
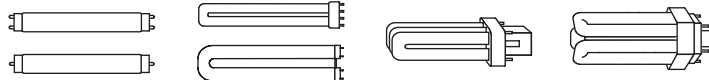
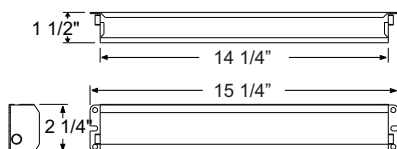
- Compatible with most One-, Two-, Three-, and Four-Lamp Electronic Standard and Dimming AC Ballasts
- Operates one or two T5, T5HO, T8, T12, T8HO, T12HO, Circular T5/T9, U-bend T8/T12, 4-Pin CFL and long CFL lamp in emergency mode. For the complete compatibility list, visit www.orbitelectric.com



BAL 1400

PRODUCT FEATURES

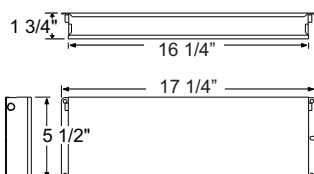
- Compatible with most One-, Two-, Three-, and Four-Lamp Electronic Standard and Dimming AC Ballasts
- Operates one or two T5, T5HO, T8, T12, T8HO, T12HO, Circular T5/T9, U-bend T8/T12, 4-Pin CFL and long CFL lamp in emergency mode. For the complete compatibility list, visit www.orbitelectric.com



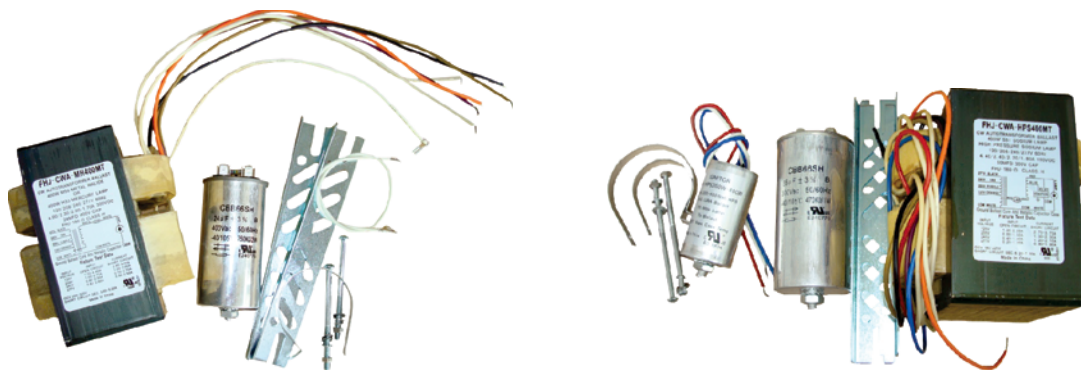
BAL 3000

PRODUCT FEATURES

- Compatible with most One-, Two-, Three-, and Four-Lamp Electronic Standard and Dimming AC Ballasts
- Operates one or two T5, T5HO, T8, T12, T8HO, T12HO, Circular T5/T9, U-bend T8/T12, 4-Pin CFL and long CFL lamp in emergency mode. For the complete compatibility list, visit www.orbitelectric.com



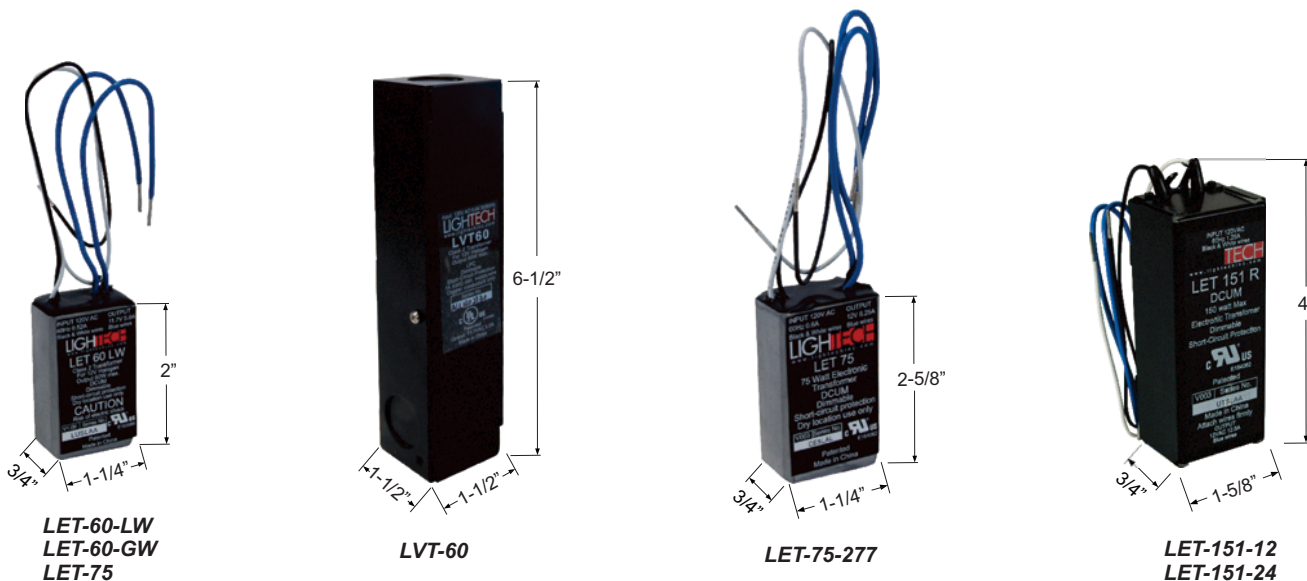
Cat. No.	Type	WATTAGE	DESCRIPTION	VOLTAGE
* BAL50HPSKIT	High Pressure Sodium	50W Non UL	Ballast & Ignitor	120V
* BAL70HPSKIT	High Pressure Sodium	70W	Ballast & Ignitor	120V
* BAL150HPSKIT	High Pressure Sodium	150W	Ballast & Ignitor	120V
* BAL250HPSKIT	High Pressure Sodium	250W	Ballast & Ignitor	120~277V
* BAL400HPSKIT	High Pressure Sodium	400W	Ballast & Ignitor	120~277V
* BAL70MHKIT	Metal Halide	70W	Ballast & Ignitor & Capacitor	120~277V
* BAL175MHKIT	Metal Halide	175W	Ballast & Ignitor & Capacitor	120~277V
* BAL250MHKIT	Metal Halide	250W	Ballast & Ignitor & Capacitor	120~277V
* BAL400MHKIT	Metal Halide	400W	Ballast & Ignitor & Capacitor	120~277V
* BAL150MH-PSKIT	Metal Halide-Pulse Start	150W	Ballast & Ignitor & Capacitor	120~277V
* BAL250MH-PSKIT	Metal Halide-Pulse Start	250W	Ballast & Ignitor & Capacitor	120~277V
* BAL400MH-PSKIT	Metal Halide-Pulse Start	400W	Ballast & Ignitor & Capacitor	120~277V



Cat No.

Description

LET-60-LW	LET 60 AC 120 12 CL2 Low Watt has a low minimum connected load requirement of only 2.9 Watts
LET-60-GW	LET 60 AC 120 12 CL2 Ground Wire has a ground wire with lug and double-sided tape attached to the back of the transformer
LVT-60	LVT 60 AC 120 12 CL2 has a 60 Watt transformer mounting within an enclosure, for remote mounting
LET-75	LET 75 AC 120 12 Standard 75 Watt Transformer
LET-75-277	LET 75 AC 277 12 Standard 75 Watt Transformer
LET-151-12	LET 151 AC 120 12R, 150W max, 50W min with 12V Output
LET-151-24	LET 151 AC 120 24R, 150W max, 50W min with 24V Output





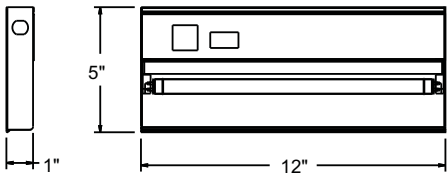
PRODUCT FEATURES

- ▶ 120V
- ▶ T5 Fluorescent Lamp
- ▶ Electronic Class P Ballast
- ▶ Switch Included
- ▶ Heavy Gauge Steel with Flush Ends
- ▶ K.O.s on Top, Sides, and Back
- ▶ Baked White Enamel
- ▶ With Rust Inhibiting Phosphate Coat

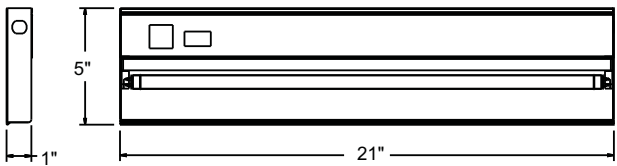
Cat No.	Description	Lamp (Included)
*UCL-12	12" Under Cabinet Electronic Ballast	One 8W T5
*UCL-21	21" Under Cabinet Electronic Ballast	One 13W T5
*UCL-24	24" Under Cabinet Electronic Ballast	Two 8W T5



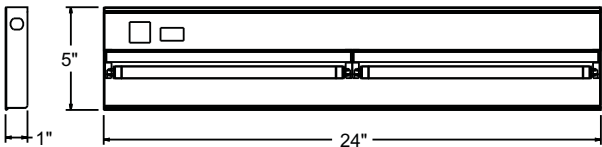
UCL-12



UCL-21



UCL-24





Cat. No.	Description	Voltage	Wattage	Base	Life (Hrs.)	Std. Pkg.
100T4	Halogen Lamp	120V	100W	G8	12000	10
JC-20-120V	JC Halogen	120V	20W	GY6.35	1500	20
JC-50-120V	JC Halogen	120V	20W	GY6.35	1500	20
50JDR16	JDR16 Halogen, 40° Flood	120V	50W	E26	2000	10
40T10	Medium Base Lamp for Step Lights	120V	40W	E26	1000	10
PLQ9-41K	Compact Quad Fluorescent, 4100K	120V	9W	G23.2	10000	20
PL9-41K	Compact Fluorescent, 4100K	120V	9W	G23	10000	10
PLQ13-41K	Compact Quad Fluorescent, 4100K	120V	13W	G23.2	10000	10
PLQ26-41K	Compact Quad Fluorescent, 4100K	120V	26W	G24q-3	10000	10
PL13-41K	Compact Fluorescent, 4100K	120V	13W	GX23	12000	10
MH70/PAR38/FL/4K	Metal Halide PAR38 Lamp	120V~277V	70W	E26	10000	1
MH100/PAR38/FL/4K	Metal Halide PAR38 Lamp	120V~277V	100W	E26	10000	1
MV160/R40/FL/4K	R40 Mercury Vapor, Self-Ballast, Flood 4K	120V	160W	E26	10000	6
*LMR16-3W-EB-WW	LED MR16 Edison Base Bulb, WW (3000K)	120V	3W	E26/E27	50000	10
*LMR16-4W-EB-WW	LED MR16 Edison Base Bulb, WW (3000K)	120V	4W	E26/E27	50000	24
*LMR16-4W-EB-CW	LED MR16 Edison Base Bulb, CW (4700K)	120V	4W	E26/E27	50000	24
LA19-8W-D-WW	LED A19 Edison Base Dimm. Bulb, WW (3000K)	120V	8W	E26/E27	50000	24
LA19-8W-D-CW	LED A19 Edison Base Dimm. Bulb, CW (4700K)	120V	8W	E26/E27	50000	24
LPAR20-8W-D-WW	LED PAR20 Edison Base Dimm. Bulb WW (3000K)	120V	8W	E26/E27	50000	24
LPAR20-8W-D-CW	LED PAR20 Edison Base Dimm. Bulb, CW (4700K)	120V	8W	E26/E27	50000	24
LPAR30-12W-D-WW	LED PAR30 Edison Base Dimm. Bulb, WW (3000K)	120V	12W	E26/E27	50000	24
LPAR30-12W-D-CW	LED PAR30 Edison Base Dimm. Bulb, CW (4700K)	120V	12W	E26/E27	50000	24
LPAR38-16W-D-WW	LED PAR38 Edison Base Dimm. Bulb, WW (3000K)	120V	16W	E26/E27	50000	24
LPAR38-16W-D-CW	LED PAR38 Edison Base Dimm. Bulb, CW (4700K)	120V	16W	E26/E27	50000	24
LPAR38-15W-D-WW-OD	LED PAR38 Edison Base Dimm. Bulb, WW (3000K), Outdoor	120V	15W	E26/E27	25000	1
LPAR38-15W-D-CW-OD	LED PAR38 Edison Base Dimm. Bulb, CW (5000K), Outdoor	120V	15W	E26/E27	25000	1



100T4



JC-20-120V
JC-50-120V



50JDR16



40T10



PLQ9-41K



PL9-41K



PLQ13-41K
PLQ26-41K



PL13-41K



***LMR16-3W-EB-WW**



***LMR16-4W-EB-WW**
***LMR16-4W-EB-CW**



LA19-8W-D-WW
LA19-8W-D-CW



LPAR20-8W-D-WW
LPAR20-8W-D-CW



LPAR30-12W-D-WW
LPAR30-12W-D-CW



LPAR38-16W-D-WW
LPAR38-16W-D-CW



LPAR38-15W-D-WW-OD
LPAR38-15W-D-CW-OD

Disclaimer: Shape, Design, and Finish may change without prior notice

www.orbitelectric.com

**While Supplies Last*



LED Lighting



BENEFITS OF ORBIT LED LIGHTING

Orbit Industries stocks a large assortment of LED Lighting fixtures on both coasts. We can deliver these fixtures to most job sites in three working days or less! Orbit's outdoor LED lighting consists of Wall Packs, Flood Lights, Canopies, Area Lights, and Landscape Lights. We even carry indoor LED High Bays for large warehouses and gymnasiums. Most LED fixtures are DLC Standard or DLC Premium certified.

ENERGY EFFICIENT

- Save thousands of dollars in energy consumption and de-lamping costs
- 50,000+ life hours, even at continuous operation
- DLC Standard and DLC Premium fixtures qualify for most utility rebates

INCREASED SAFETY AND EMPLOYEE SATISFACTION

- Crisp LED light source reduces shadows that impair visibility
- Uniform light distribution increases worker productivity
- Brighter, more welcoming atmosphere for guests and employees

WARRANTIED BY A REPUTABLE MANUFACTURER

- 5-Year Limited Warranty on Commercial LED Lighting
(1-Year for Landscape Lighting)
- Over 20 years serving the electrical industry
- Orbit stands by its Warranties, and makes every effort to satisfy customer needs



LWP1 Wall Pack | Pg. I2



BRIGHTEN WALKWAYS AND ENHANCE YOUR BUILDING'S FACADES

The Non-Cutoff LED Wall Pack (LWP1 Series) is a new take on a classic wall pack. The LWP1 is DLC Premium Listed, so it qualifies for most top-tier utility rebates. Its polycarbonate lens can sustain greater impacts than traditional glass lenses, while offering the same footprint. The LWP1 ranges from 28W (3,398 lumens) up to 120W (14,999 lumens). Dusk-to-dawn photocell is optional. UL Listed.

LCM2 Canopy Light | Pg. I10



PROVIDE GREATER SECURITY USING THIS RUGGED CANOPY

The Slim LED Canopy Light (LCM2 Series) is only 1/3 the height of standard square garage lighters. The LCM2's low profile gives professionals greater install flexibility, and ensures clearance for large vehicles. The 45W (4,476 lumens) model is ideal for commercial parking garages. 60W (7,845 lumens) and 80W (9,548 lumens) models are great as fuel pump canopy luminaires. The LCM2 is DLC Listed to qualify for most utility rebates. UL Listed.



LAL1 Area Light | Pg. I5



TRADITIONAL LED DUSK-TO-DAWN

The Round LED Area Light (LAL1 Series), or "Barn Light", is ideal for outdoor locations that require broad light distribution. Perfect for illuminating driveways, yards, and work areas. The LAL1 is DLC Listed to qualify for most utility rebates. 50W models replace up to 150W HID, and 80W models replace up to 250W HID. Included is a twist-lock photocell and 90° extension arm. UL Listed.

LLHB1-FL Linear High Bay Light | Pg. I11



ENERGY EFFICIENT LIGHTING FOR INDUSTRIAL & WAREHOUSE FACILITIES

The Linear LED High Bay Light (LLHB1-FL Series) is suited for indoor locations with high ceilings. The LLHB1-FL is DLC Premium Listed, so it qualifies for most top-tier utility rebates. 2-foot models (100W) produce 1,4106 lumens. 3-foot models (150W) produce 21,758 lumens. 4-foot models (220W) produce 31,036 lumens. A surface mounting kit is included for ease of installation. 3.4ft Adjustable suspension cable kit is optional. A Motion sensor and programmable remote control are optional for increased energy savings. UL Listed.



LWP2



LWP1

NEW



LWP3



LP741



LWP18



LWP25

NEW



LWP24



LVPW2

NEW



LVPB2

NEW



LAL1-P

NEW



LFL6-80W



LFL7

NEW



LFL6-15W



LFL7-30W & 50W

NEW



LFL20



LCM2

NEW



LTL-100W

NEW



LUHB1

NEW



LLHB1-FL Series

NEW



INDOOR LED STEP LIGHTS



NEW



LSL12



LFL13



LFL20-6W



LJC



LBAY

LMR16-5W-D **NEW**

LMR16-3W



LMR16-4W



LMR16-3W-EB



LMR16-4W-EB



LA19-8W-D



LPAR20-8W-D



LPAR30-12W-D



LPAR38-16W-D



LPAR38-15W-D-OD



LLHB1-MR



PC-1S



PC-1SH

PC-1F
PC-1F-277

LED EMERGENCY BALLASTS



LWP2 SERIES

PRODUCT FEATURES

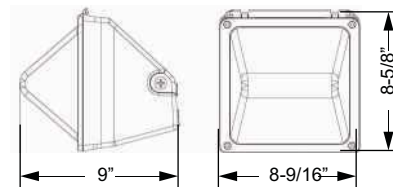
- ▶ 120~277V
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Prismatic Borosilicate Molded Glass Lens with Weatherproof Gasket
- ▶ 120° Beam Angle
- ▶ Type IV Distribution
- ▶ Ambient Operating Temp: -20°C / -4°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ Photocell Optional (Pg.118)
- ▶ 5 Year Limited Warranty
- ▶ Dimmable to 10% (80W-120W only)

CUT-OFF SHROUDS

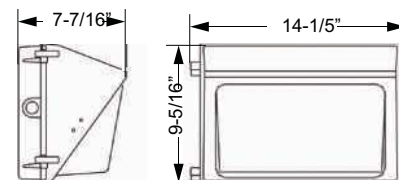
- ▶ LWP2-S: For 50W/80W
- ▶ LWP2-120W-S: For 120W



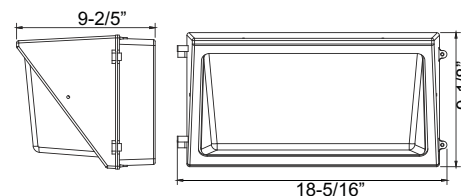
LWP2-30W



LWP2-50W/80W



LWP2-120W



Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LWP2-30W-WW	30W	86 lm/W	3000K	B1-U3-G3	2591 lm	83	100W MH
LWP2-30W-CW	30W	110 lm/W	5000K	B1-U3-G3	3316 lm	72	100W MH
LWP2-50W-CW	50W	124 lm/W	5000K	B1-U4-G4	5969 lm	72	175W MH
LWP2-80W-CW	80W	127 lm/W	5000K	B1-U4-G5	9953 lm	72	250W MH
*LWP2-80W-NW	80W	71 lm/W	4000K	B1-U4-G5	5682 lm	83	175W MH
LWP2-120W-CW	120W	123 lm/W	5000K	B2-U5-G5	14475 lm	72	400W MH

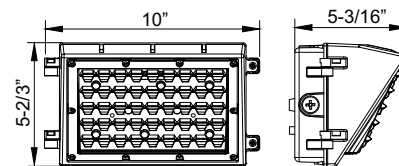
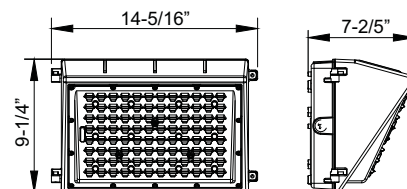
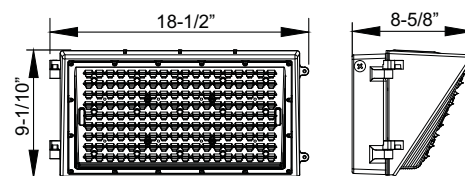


LWP1 SERIES

PRODUCT FEATURES

- ▶ 120~277V
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Prismatic Polycarbonate Lens with Weatherproof Gasket
- ▶ **28W-80W:** 120° Beam Angle
Type III Distribution
- ▶ **120W:** 120° Beam Angle
Type IV Distribution
- ▶ Ambient Operating Temp:
-20°C / -4°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ Photocell Optional (Pg.I18)
- ▶ 5 Year Limited Warranty
- ▶ Dimmable to 10%
(80w-120W only)

NEW

LWP1-28W

LWP1-50W/80W

LWP1-120W


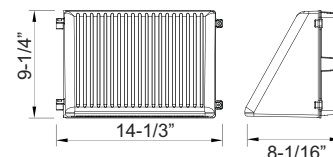
Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LWP1-28W-WW	28W	125 lm/W	3000K	B1-U3-G2	3398 lm	73+	100W MH
LWP1-28W-CW	28W	128 lm/W	5000K	B1-U3-G2	3460 lm	73+	100W MH
LWP1-50W-CW	50W	139 lm/W	5000K	B2-U3-G3	6595 lm	73+	175W MH
LWP1-80W-CW	80W	133 lm/W	5000K	B2-U3-G3	9977 lm	73+	250W MH
LWP1-120W-CW	120W	132 lm/W	5000K	B3-U4-G4	14999 lm	73+	400W MH



LWP3 SERIES

PRODUCT FEATURES

- ▶ 120~277V
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ 80°x140° Beam Angle
- ▶ Type III Distribution
- ▶ Ambient Operating Temp: -20°C / -4°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ Photocell Optional (Pg.118)
- ▶ 5 Year Limited Warranty
- ▶ Dimmable to 10% (**80W only**)



Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LWP3-50W-CW	50W	123 lm/W	5000K	B3-U2-G3	5591 lm	80+	175W MH
LWP3-80W-CW	80W	113 lm/W	5000K	B3-U2-G3	9032 lm	80+	250W MH

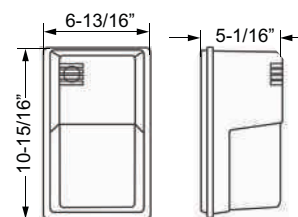
LP741 SERIES & LWP18 SERIES

PRODUCT FEATURES

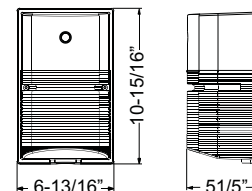
- ▶ 120~277V
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ **LP741**: 90°x100° Beam Angle
Type IV Distribution
- ▶ **LWP18**: 90°x110° Beam Angle
Type I Distribution
- ▶ **Built-In Photocell**
- ▶ Ambient Operating Temp: -20°C / -4°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ 5 Year Limited Warranty
- ▶ LWP18 is not DLC listed



LP741



LWP18

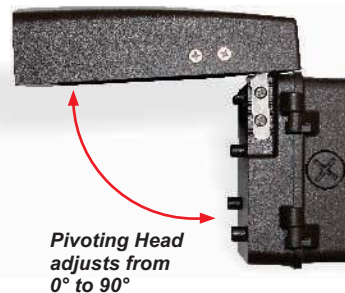
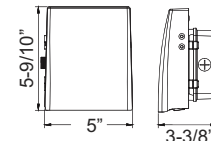


Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LP741-30W-P-CW	30W	107 lm/W	5000K	B1-U3-G1	3022 lm	80+	100W MH
LWP18-30W-P-CW	30W	99 lm/W	5000K	B1-U3-G1	3023 lm	80+	100W MH

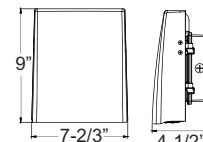
LWP25 SERIES

PRODUCT FEATURES

- ▶ 120~277V
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ **12W:** 80°x100° Beam Angle
Type II Distribution
- ▶ **30W:** 80°x100° Beam Angle
Type I Distribution
- ▶ Ambient Operating Temp:
-20°C / -4°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ Photocell Optional (Pg.I18)
- ▶ 5 Year Limited Warranty


PHILIPS
LUMILEDS
NEW

*Pivoting Head
adjusts from
0° to 90°*


LWP25-12W



LWP25-30W

Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LWP25-12W-WW	12W	98 lm/W	3000K	B1-U0-G0	1211 lm	80+	50W MH
LWP25-12W-CW	12W	103 lm/W	5000K	B1-U0-G0	1280 lm	80+	50W MH
LWP25-30W-CW	30W	116 lm/W	5000K	B2-U0-G1	3214 lm	80+	100W MH

*LWP24

PRODUCT FEATURES

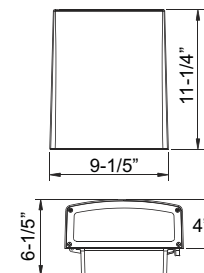
- ▶ 120~277V
- ▶ UL Listed for Wet Locations
- ▶ Die Cast Aluminum Housing
- ▶ UV Stabilized Bronze Powder Coat Finish
- ▶ Clear Tempered Glass Lens with Weatherproof Gasket
- ▶ Ambient Operating Temp:
-20°C / -4°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ 5 Year Limited Warranty



LWP24-50W-WH



LWP24-50/80W



Catalog No.	System Wattage	Efficacy	Color Temp.	Lumens	CRI	Wattage Equiv.
LWP24-50W	50W	89 lm/W	5000K	4183 lm	84	175W MH
LWP24-50W-WH	50W	89 lm/W	5000K	4183 lm	84	175W MH
LWP24-80W	80W	92 lm/W	5000K	6919 lm	83	250W MH

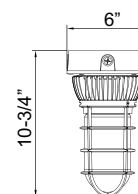
LVP

PRODUCT FEATURES

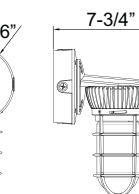
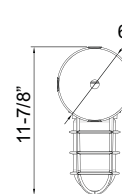
- ▶ 120~277V
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Silver Powder Coat Finish
- ▶ Heat Resistant Frosted Glass Globe with Die Cast Guard
- ▶ Ambient Operating Temp:
-40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ Photocell Optional (Pg.I18)
- ▶ 5 Year Limited Warranty


NEW

 LVPB2
(Wall Mount)

 LVPB2
(Canopy Mount)


LVPB2



LVPW2

Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LVPW2-12W-CW	12W	78 lm/W	5000K	B0-U3-G1	855 lm	80+	50W MH
LVPB2-12W-CW	12W	78 lm/W	5000K	B0-U3-G1	855 lm	80+	50W MH





LAL1-P

PRODUCT FEATURES

- ▶ 120~277V
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ **50W:** 103° Beam Angle
Type VS Distribution
- ▶ **80W:** 78° Beam Angle
Type VS Distribution
- ▶ Twist-Lock Photocell Included
- ▶ Ambient Operating Temp:
-20°C / -4°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ 5 Year Limited Warranty
- ▶ Dimmable to 10% (**80W only**)

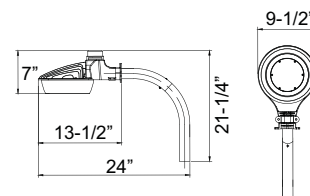
NEW



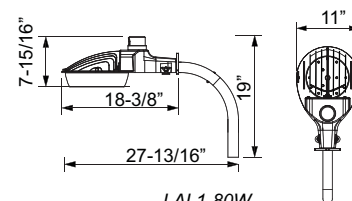
90° Extension Arm Included



Wall Mount



LAL1-50W



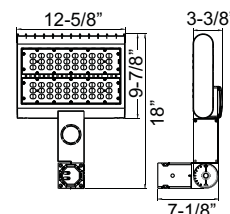
LAL1-80W

Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LAL1-50W-P-CW*	50W	121 lm/W	5000K	B2-U3-G1	6079 lm	70+	150W MH
LAL1-80W-P-CW	80W	122 lm/W	5000K	B3-U2-G1	9544 lm	70+	250W MH

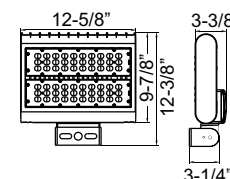
*LFL6-80W

PRODUCT FEATURES

- ▶ 120~277V
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ 120°x90° Beam Angle
- ▶ Type II Distribution
- ▶ Ambient Operating Temp:
-20°C / -4°F to 40°C / 104°F
- ▶ **SF:** 2-3/8" I.D. Slip Fitter with 180° Adjustability
- ▶ **T:** Trunnion Mount
- ▶ 50,000 Life Hours
- ▶ Motion Sensor Available By Request
- ▶ Photocell Optional (Pg.118)
- ▶ 5 Year Limited Warranty
- ▶ Dimmable to 10%



LFL6-80W-SF



LFL6-80W-T

Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LFL6-80W-SF	80W	130 lm/W	5000K	B3-U2-G2	10342 lm	82	250W MH
LFL6-80W-T	80W	130 lm/W	5000K	B3-U2-G2	10342 lm	82	250W MH



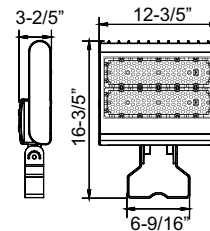
LFL7 W/ TRUNNION MOUNT

PRODUCT FEATURES

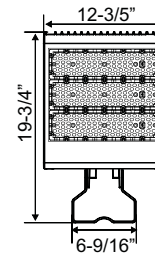
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ 90°x120° Distribution
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ Motion Sensor Available By Request
- ▶ Photocell Optional (Pg.I18)
- ▶ 5 Year Limited Warranty
- ▶ Dimmable to 10%

OPTIONAL POST MOUNT

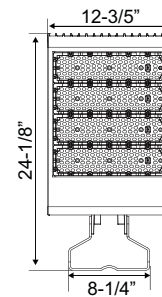
LFL7-PM (Pg.I18)



LFL7-100W/150W-T



LFL7-230W-T



LFL7-300W-T

Catalog No.	System Wattage	Voltage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LFL7-100W-T	100W	120~277V	138 lm/W	5000K	B3-U0-G2	13494 lm	70+	400W MH
LFL7-150W-T	150W	120~277V	138 lm/W	5000K	B4-U0-G3	20680 lm	70+	750W MH
LFL7-150W-T-480V	150W	277~480V	139 lm/W	5000K	B4-U0-G3	21618 lm	70+	750W MH
LFL7-230W-T	230W	120~277V	138 lm/W	5000K	B5-U0-G3	31312 lm	70+	1000W MH
LFL7-230W-T-480V	230W	277~480V	137 lm/W	5000K	B5-U0-G3	32456 lm	70+	1000W MH
LFL7-300W-T	300W	120~277V	138 lm/W	5000K	B5-U0-G3	40718 lm	70+	1200W MH
LFL7-300W-T-480V	300W	277~480V	138 lm/W	5000K	B5-U0-G3	41902 lm	70+	1200W MH

LFL7 W/ SLIP FITTER

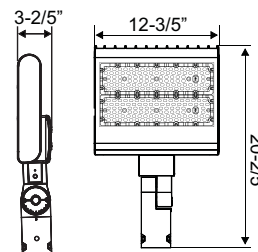
PRODUCT FEATURES

- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ 90°x120° Distribution
- ▶ Ambient Operating Temp. -40°C / -40°F to 40°C / 104°F
- ▶ 2-3/8" I.D. Slip Fitter with 180° Adjustability
- ▶ 50,000 Life Hours
- ▶ Motion Sensor Available By Request
- ▶ Photocell Optional (Pg.118)
- ▶ 5 Year Limited Warranty
- ▶ Dimmable to 10%

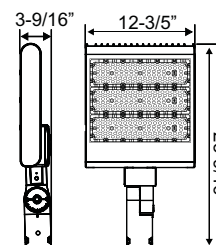
OPTIONAL POST MOUNT

LFL7-PM (Pg.118)

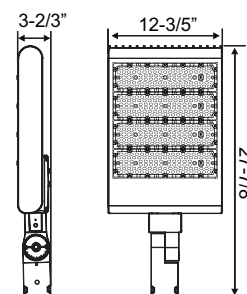
NEW



LFL7-100W/150W-SF



LFL7-230W-SF



LFL7-300W-SF

Catalog No.	System Wattage	Voltage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LFL7-100W-SF	100W	120~277V	138 lm/W	5000K	B3-U0-G2	13494 lm	70+	400W MH
LFL7-150W-SF	150W	120~277V	138 lm/W	5000K	B4-U0-G3	20680 lm	70+	750W MH
LFL7-150W-SF-480V	150W	277~480V	139 lm/W	5000K	B4-U0-G3	21618 lm	70+	750W MH
LFL7-230W-SF	230W	120~277V	138 lm/W	5000K	B5-U0-G3	31312 lm	70+	1000W MH
LFL7-230W-SF-480V	230W	277~480V	137 lm/W	5000K	B5-U0-G3	32456 lm	70+	1000W MH
LFL7-300W-SF	300W	120~277V	138 lm/W	5000K	B5-U0-G3	40718 lm	70+	1200W MH
LFL7-300W-SF-480V	300W	277~480V	138 lm/W	5000K	B5-U0-G3	41902 lm	70+	1200W MH

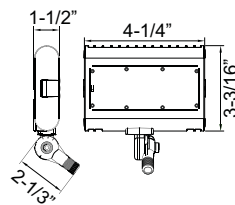
LFL6-15W SERIES

PRODUCT FEATURES

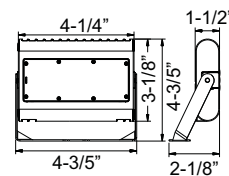
- ▶ 120~277V
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ 120°x90° Beam Angle
- ▶ NEMA Type: 7H x 7V Beam Spread
- ▶ Ambient Operating Temp: -20°C / -4°F to 40°C / 104°F
- ▶ **KN:** Adjustable 1/2" Knuckle Mount
- ▶ **T:** Trunnion Mount
- ▶ 50,000 Life Hours
- ▶ 5 Year Limited Warranty



LFL6-15W-KN



LFL6-15W-T



Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LFL6-15W-WW-KN	15W	107 lm/W	3000K	B1-U1-G0	1566 lm	83	50W MH
LFL6-15W-WW-T	15W	107 lm/W	3000K	B1-U1-G0	1566 lm	83	50W MH
LFL6-15W-CW-KN	15W	115 lm/W	5000K	B1-U1-G0	1663 lm	82	50W MH
LFL6-15W-CW-T	15W	115 lm/W	5000K	B1-U1-G0	1663 lm	82	50W MH

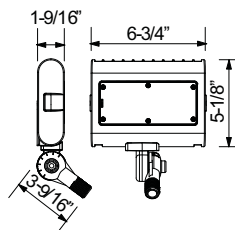
LFL7 SERIES

PRODUCT FEATURES

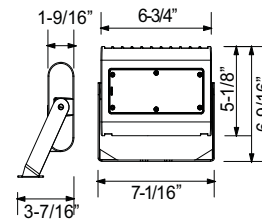
- ▶ 120~277V
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ 120°x90° Beam Angle
- ▶ NEMA Type: 7H x 6V Beam Spread
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ **KN:** Adjustable 1/2" Knuckle Mount
- ▶ **T:** Trunnion Mount
- ▶ 50,000 Life Hours
- ▶ 5 Year Limited Warranty



LFL7-30W-KN



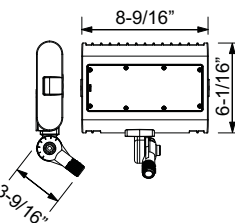
LFL7-30W-T



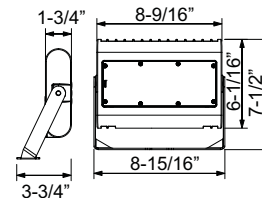
Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LFL7-30W-WW-KN	30W	126 lm/W	3000K	B2-U2-G1	3837 lm	70+	100W MH
LFL7-30W-WW-T	30W	126 lm/W	3000K	B2-U2-G1	3837 lm	70+	100W MH
LFL7-30W-CW-KN	30W	130 lm/W	5000K	B2-U2-G1	3976 lm	70+	100W MH
LFL7-30W-CW-T	30W	130 lm/W	5000K	B2-U2-G1	3976 lm	70+	100W MH



LFL7-50W-KN



LFL7-50W-T



Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LFL7-50W-CW-KN	50W	133 lm/W	5000K	B3-U2-G2	6652 lm	70+	175W MH
LFL7-50W-CW-T	50W	133 lm/W	5000K	B3-U2-G2	6652 lm	70+	175W MH

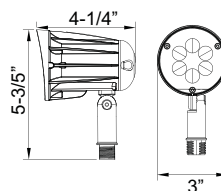
LFL20 SERIES

PRODUCT FEATURES

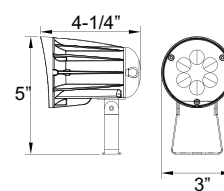
- ▶ 120~277V
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ 60° Wide Beam Angle
- ▶ NEMA Type: 6H x 6V Beam Spread
- ▶ Ambient Operating Temp: -20°C / -4°F to 40°C / 104°F
- ▶ **KN:** Adjustable 1/2" Knuckle Mount
- ▶ **T:** Trunnion Mount
- ▶ 50,000 Life Hours
- ▶ 5 Year Limited Warranty



LFL20-15W-KN



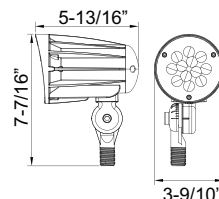
LFL20-15W-T



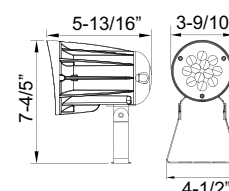
Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LFL20-15W-WW-KN	15W	107 lm/W	3000K	B1-U1-G0	1539 lm	83	50W MH
LFL20-15W-WW-T	15W	107 lm/W	3000K	B1-U1-G0	1539 lm	83	50W MH
LFL20-15W-CW-KN	15W	113 lm/W	5000K	B1-U1-G0	1655 lm	82	50W MH
LFL20-15W-CW-T	15W	113 lm/W	5000K	B1-U1-G0	1655 lm	82	50W MH



LFL20-28W-KN



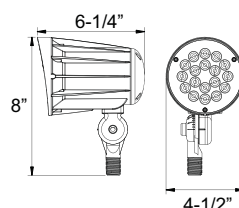
LFL20-28W-T



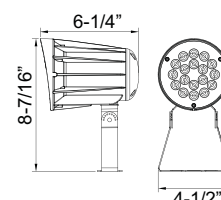
Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LFL20-28W-WW-KN	28W	106 lm/W	3000K	B2-U1-G0	2769 lm	83	100W MH
LFL20-28W-WW-T	28W	106 lm/W	3000K	B2-U1-G0	2769 lm	83	100W MH
LFL20-28W-CW-KN	28W	115 lm/W	5000K	B2-U1-G0	3021 lm	83	100W MH
LFL20-28W-CW-T	28W	115 lm/W	5000K	B2-U1-G0	3021 lm	83	100W MH



LFL20-42W-KN



LFL20-42W-T



Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LFL20-42W-WW-KN	42W	107 lm/W	3000K	B2-U1-G0	4204 lm	83	150W MH
LFL20-42W-WW-T	42W	107 lm/W	3000K	B2-U1-G0	4204 lm	83	150W MH
LFL20-42W-CW-KN	42W	114 lm/W	5000K	B2-U1-G0	4487 lm	83	150W MH
LFL20-42W-CW-T	42W	114 lm/W	5000K	B2-U1-G0	4487 lm	83	150W MH

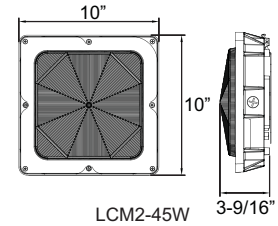


LCM2 SERIES

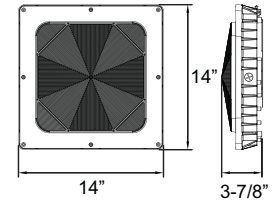
PRODUCT FEATURES

- ▶ 120~277V
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Prismatic Polycarbonate Lens with Weatherproof Gasket
- ▶ 110°x110° Beam Angle
- ▶ Type VS Distribution
- ▶ Ambient Operating Temp: -40°C / -40°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ **Motion Sensor Available By Request**
- ▶ Photocell Optional (Pg.118)
- ▶ 5 Year Limited Warranty
- ▶ Dimmable to 10%

NEW



LCM2-45W



LCM2-60W/80W

Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LCM2-45W-CW	45W	98 lm/W	5000K	B2-U2-G2	4476 lm	80+	150W MH
LCM2-60W-CW	60W	126 lm/W	5000K	B2-U2-G2	7485 lm	80+	175W MH
LCM2-80W-CW	80W	119 lm/W	5000K	B3-U2-G2	9548 lm	80+	250W MH

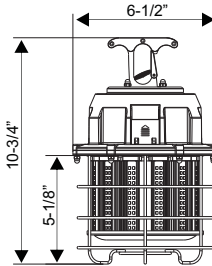
LTL SERIES

PRODUCT FEATURES

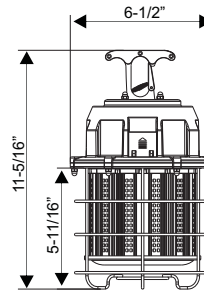
- ▶ 120~277V
- ▶ UL Listed for Damp Location
- ▶ Stainless Steel Lamp Cage
- ▶ 3 Prong, Male Plug with 10FT 18AWG Cord
- ▶ 3 Prong, hidden built-in Socket
- ▶ 313° Beam Angle
- ▶ Ambient Operating Temp: -40°C / -40°F to 60°C / 140°F
- ▶ Stainless Steel Portable Hook
- ▶ 50,000 Life Hours
- ▶ 5 Year Limited Warranty



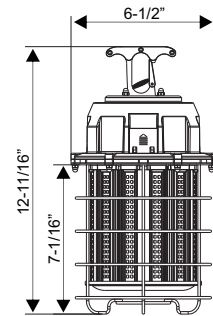
LTL Series



LTL-60W-CW



LTL-100W-CW



LTL-150W-CW

OPTIONAL BRACKET (Pg.118)

- ▶ **LTL-FS:** Floor Stand Bracket
- ▶ **LTL-TS:** Tripod Stand Bracket



Catalog No.	System Wattage	Surge Voltage	Color Temp.	Lumens	CRI	Wattage Equiv.
LTL-60W-CW	60W	6KV	5000K	7200 lm	80+	250W MH
LTL-100W-CW	100W	6KV	5000K	12000 lm	80+	400W MH
LTL-150W-CW	150W	10KV	5000K	18000 lm	80+	600W MH



LUHB1 SERIES

PRODUCT FEATURES

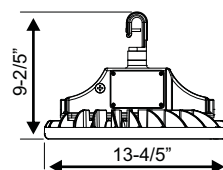
- ▶ 120~277V
- ▶ UL Listed for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ High Light Transmittance Polycarbonate Lens
- ▶ 90° Beam Angle
- ▶ Type VS Distribution
- ▶ Ambient Operating Temp:
-40°C / -40°F to 50°C / 122°F
- ▶ **280W:**
-40°C / -40°F to 40°C / 104°F
- ▶ 1/2" Mounting Hook Included
- ▶ 50,000 Life Hours
- ▶ 5 Year Limited Warranty
- ▶ Dimmable to 10%

OPTIONAL TRUNNION MOUNT

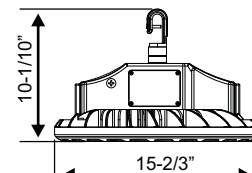
- ▶ **LUHB1-T-100:**
100W and 150W Models
- ▶ **LUHB1-T-230:**
230W and 280W Models



LUHB1 Shown Installed



LUHB1-100W/150W



LUHB1-230W/300W

With Trunnion Installed

Catalog No.	System Wattage	Efficacy	Color Temp.	RUG Rating	Lumens	CRI	Wattage Equiv.
LUHB1-100W-CW	100W	145 lm/W	5000K	B4-U2-G1	13967 lm	70+	400W MH
LUHB1-150W-CW	150W	150 lm/W	5000K	B4-U3-G1	21976 lm	70+	750W MH
LUHB1-230W-CW	230W	144 lm/W	5000K	B5-U3-G1	32475 lm	70+	1000W MH
LUHB1-280W-CW	280W	144 lm/W	5000K	B5-U3-G1	41250 lm	70+	1200W MH

LLHB1-FL SERIES

PRODUCT FEATURES

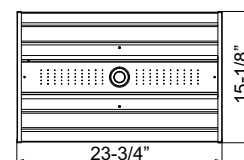
- ▶ 120~277V
- ▶ UL Listed
- ▶ Formed Metal Housing
- ▶ UV Resistant White Powder Coat Finish
- ▶ Frosted PC Cover
- ▶ 120° Beam Angle
- ▶ Type VS Distribution
- ▶ Ambient Operating Temp:
-40°C / -40°F to 50°C / 122°F
- ▶ Includes Surface Mounting Kit
- ▶ 3.4ft Adjustable Suspension Kit Optional (Pg.118)
- ▶ 50,000 Life Hours
- ▶ 5 Year Limited Warranty
- ▶ Dimmable to 10%

OPTIONAL MOTION SENSOR AND REMOTE

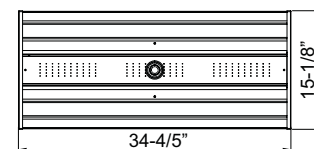
- ▶ LLHB1-MR (Pg.118)



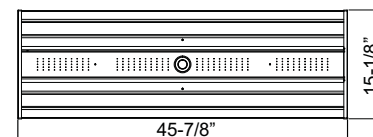
Suspension Kit Optional



LLHB1-FL-100W



LLHB1-FL-150W



LLHB1-FL-220W

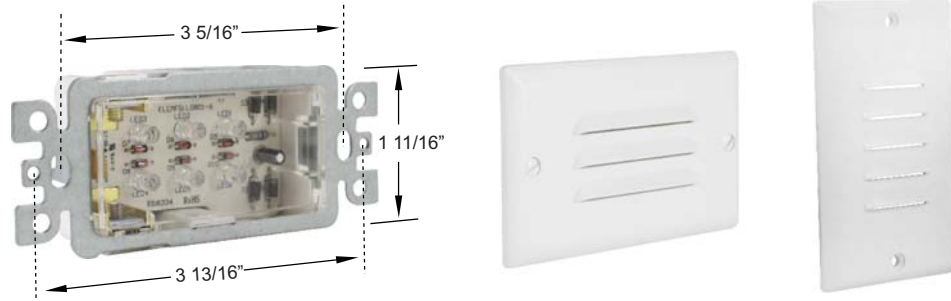
Catalog No.	System Wattage	Efficacy	Color Temp.	BUG Rating	Lumens	CRI	Wattage Equiv.
LLHB1-FL-100W-CW	100W	131 lm/W	5000K	B3-U2-G2	12412 lm	80	400W MH
LLHB1-FL-150W-CW	150W	133 lm/W	5000K	B4-U3-G3	19631 lm	80	750W MH
LLHB1-FL-220W-CW	220W	131 lm/W	5000K	B4-U3-G4	29795 lm	80	1000W MH



LISL-1W-WH

PRODUCT FEATURES

- ▶ 120V 60Hz 25mA
- ▶ 1W Input Power
- ▶ Color Temp: 3000K
- ▶ 50,000 Life Hours
- ▶ Installation hardware included
- ▶ Installs into single gang switch boxes (See Pg. A34-35)
- ▶ Set of White Louvered Cover included, Horizontal & Vertical



Optional Covers Sold Separately

OPTIONAL COVERS



- ▶ Set includes both Vertical & Horizontal Plate



LISL-C-SS
Stainless Steel

LISL-C-BS
Brass

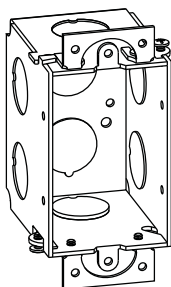


LISL-C-AL
Almond

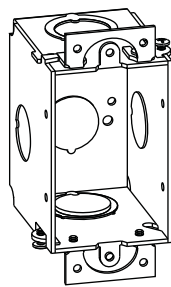
LISL-C-BK
Black

LISL-C-BR
Bronze

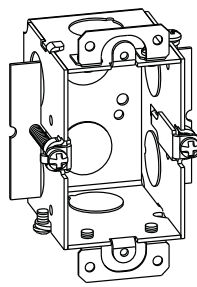
Fits in Single Gang Switch Boxes, See Pg. A34-35



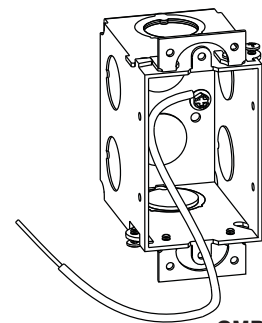
GB-1



GB-1-MKO



TG-1



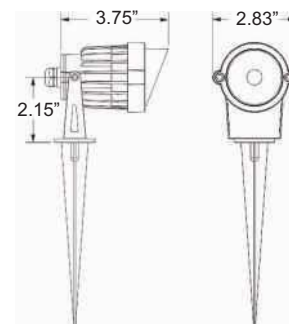
GMB-1

LSL12 SERIES

PRODUCT FEATURES

- ▶ 12V AC/DC
- ▶ Suitable for Outdoor Location
- ▶ Sealed with High Grade Weatherproof Gasket
- ▶ Aluminum Alloy Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Tempered Glass Lens
- ▶ Pre-wired with 18" SJTW Cord
- ▶ Trunnion Mount & Spike Included
- ▶ Min Operating Temp: -20°C/-4°F
- ▶ 50,000 Life Hours
- ▶ 1 Year Limited Warranty

EPISTAR



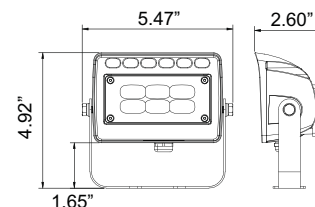
Catalog No.	System Wattage	Efficacy	Color Temp.	Emission Color	Lumens	Wattage Equiv.
LSL12-6W-WW	6W	58 lm/W	3000K	Warm White	350 lm	20W Halogen
LSL12-6W-CW	6W	58 lm/W	5000K	Cool White	350 lm	20W Halogen

LFL13 SERIES

PRODUCT FEATURES

- ▶ 12V AC/DC
- ▶ IP65 Rated for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ Trunnion Mount
- ▶ Ambient Operating Temp: -20°C / -4°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ 3 Year Limited Warranty

PHILIPS LUMILEDS IP65



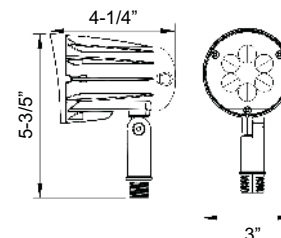
Catalog No.	System Wattage	Efficacy	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LFL13-12WW-T-12V	12W	102 lm/W	3000K	Warm White	1270 lm	83	50W MH

LFL20-6W-12V

PRODUCT FEATURES

- ▶ 12V AC/DC
- ▶ IP65 Rated for Wet Location
- ▶ Die Cast Aluminum Housing
- ▶ UV Resistant Bronze Powder Coat Finish
- ▶ Polycarbonate Lens with Weatherproof Gasket
- ▶ NEMA Type: 6H x 6V Beam Spread
- ▶ Ambient Operating Temp: -20°C / -4°F to 40°C / 104°F
- ▶ 50,000 Life Hours
- ▶ 3 Year Limited Warranty
- ▶ Ground Spike & Silicone Wire Nuts Included

BRIDGELUX IP65



Catalog No.	System Wattage	Efficacy	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LFL20-6WW-KN-12V	6W	98 lm/W	3000K	Warm White	510 lm	80+	35W MH
LFL20-6CW-KN-12V	6W	107 lm/W	5000K	Cool White	560 lm	80+	35W MH



LJC

PRODUCT FEATURES

- ▶ Wattage: 1.7W
- ▶ Voltage: 12-25VAC
- ▶ Base: G4
- ▶ Min Operating Temp: -20°C / -4°F
- ▶ Life Hours: 30,000
- ▶ Beam Angle: 360°
- ▶ 1 Year Warranty



Catalog No.	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LJC-WW	3000K	Warm White	130 lm	75	20W MH
LJC-CW	4100K	Cool White	123 lm	75	20W MH

LBAY

PRODUCT FEATURES

- ▶ Wattage: 1.1W
- ▶ Voltage: 12-25VAC
- ▶ Base: BA15S
- ▶ Min Operating Temp: -20°C / -4°F
- ▶ Life Hours: 30,000
- ▶ Beam Angle: 360°
- ▶ 1 Year Warranty



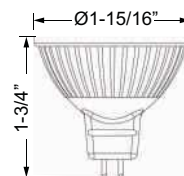
Catalog No.	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LBAY-WW	3000K	Warm White	100 lm	75	20W MH
LBAY-CW	4100K	Cool White	75 lm	70-75	20W MH

LMR16-5W-D

PRODUCT FEATURES

- ▶ Wattage: 5W
- ▶ Voltage: 12V
- ▶ Base: GU5.3
- ▶ Housing: Plastic
- ▶ Min Operating Temp: -20°C / -4°F
- ▶ Life Hours: 25,000
- ▶ Beam Angle: 36°
- ▶ Lens: Acrylic
- ▶ 3 Year Warranty

DIMMABLE



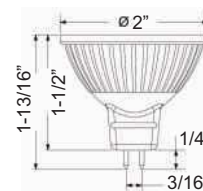
Catalog No.	Efficacy	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LMR16-5W-D-WW	80 lm/W	3000K	Warm White	400 lm	80+	35W MH
LMR16-5W-D-CW	80 lm/W	5000K	Cool White	400 lm	80+	35W MH



*LMR16-3W

PRODUCT FEATURES

- ▶ Wattage: 3W
- ▶ Voltage: 12V
- ▶ Base: GU5.3
- ▶ Housing: Aluminum Alloy, Silver
- ▶ Min Operating Temp: -30°C / -22°F
- ▶ Life Hours: 50,000
- ▶ Beam Angle: 30°
- ▶ Lens: Frosted Acrylic
- ▶ 3 Year Warranty

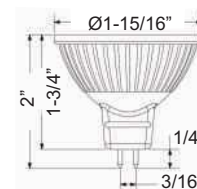


Catalog No.	Efficacy	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LMR16-3W-CW	46 lm/W	4700K	Cool White	128 lm	70	20W MH

*LMR16-4W

PRODUCT FEATURES

- ▶ Wattage: 4W
- ▶ Voltage: 12V
- ▶ Base: GU5.3
- ▶ Housing: Aluminum Alloy, Silver
- ▶ Min Operating Temp: -30°C / -22°F
- ▶ Life Hours: 50,000
- ▶ Beam Angle: 30°
- ▶ Lens: Frosted Acrylic
- ▶ 3 Year Warranty

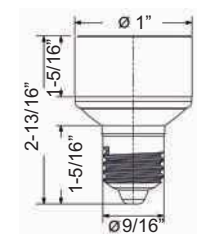


Catalog No.	Efficacy	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LMR16-4W-CW	42 lm/W	4700K	Cool White	170 lm	70	20W MH

*LMR16-3W-EB

PRODUCT FEATURES

- ▶ Wattage: 3W
- ▶ Voltage: 120V
- ▶ Base: E26/E27
- ▶ Housing: Die Cast Aluminum
- ▶ Min Operating Temp: -20°C / -4°F
- ▶ Life Hours: 50,000
- ▶ Beam Angle: 30°
- ▶ Lens: Frosted Acrylic
- ▶ 3 Year Warranty



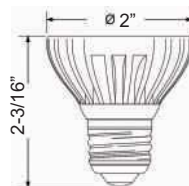
Catalog No.	Efficacy	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LMR16-3W-EB-WW	63 lm/W	3000K	Warm White	190 lm	70	20W MH



*LMR16-4W-EB

PRODUCT FEATURES

- ▶ Wattage: 4W
- ▶ Voltage: 120V
- ▶ Base: E26/E27
- ▶ Housing: Die Cast Aluminum
- ▶ Min Operating Temp: -20°C / -4°F
- ▶ Life Hours: 50,000
- ▶ Beam Angle: 25°
- ▶ Lens: Frosted Acrylic
- ▶ 3 Year Warranty

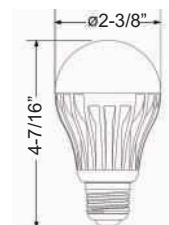


Catalog No.	Efficacy	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LMR16-4W-EB-WW	42 lm/W	3000K	Warm White	170 lm	80	20W MH
LMR16-4W-EB-CW	50 lm/W	4700K	Cool White	200 lm	75	20W MH

LA19-8W-D

PRODUCT FEATURES

- ▶ Wattage: 8W
- ▶ Voltage: 120V
- ▶ Base: E26/E27
- ▶ Housing: Die Cast Aluminum
- ▶ Min Operating Temp: -20°C / -4°F
- ▶ Life Hours: 50,000
- ▶ Beam Angle: 75°
- ▶ Lens: Frosted Tempered Glass
- ▶ 3 Year Warranty



Catalog No.	Efficacy	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LA19-8W-D-WW	46 lm/W	3000K	Warm White	370 lm	80	50W MH
LA19-8W-D-CW	51 lm/W	4700K	Cool White	410 lm	75	50W MH

LPAR20-8W-D

PRODUCT FEATURES

- ▶ Wattage: 8W
- ▶ Voltage: 120V
- ▶ Base: E26/E27
- ▶ Housing: Die Cast Aluminum
- ▶ Min Operating Temp: -20°C / -4°F
- ▶ Life Hours: 50,000
- ▶ Beam Angle: 60°
- ▶ Lens: Prismatic Acrylic
- ▶ 3 Year Warranty



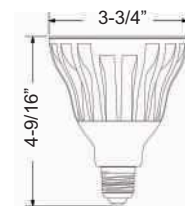
Catalog No.	Efficacy	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LPAR20-8W-D-WW	43 lm/W	3000K	Warm White	350 lm	80	50W MH
LPAR20-8W-D-CW	48 lm/W	4700K	Cool White	390 lm	75	50W MH



LPAR30-12W-D

PRODUCT FEATURES

- ▶ Wattage: 12W
- ▶ Voltage: 120V
- ▶ Base: E26/E27
- ▶ Housing: Die Cast Aluminum
- ▶ Min Operating Temp: -20°C / -4°F
- ▶ Life Hours: 50,000
- ▶ Beam Angle: 60°
- ▶ Lens: Prismatic Acrylic
- ▶ 3 Year Warranty

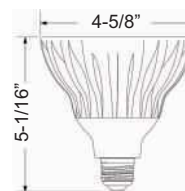


Catalog No.	Efficacy	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LPAR30-12W-D-WW	50 lm/W	3000K	Warm White	590 lm	80	50W MH
LPAR30-12W-D-CW	50 lm/W	4700K	Cool White	600 lm	75	50W MH

LPAR38-16W-D

PRODUCT FEATURES

- ▶ Wattage: 16W
- ▶ Voltage: 120V
- ▶ Base: E26/E27
- ▶ Housing: Die Cast Aluminum
- ▶ Min Operating Temp: -20°C / -4°F
- ▶ Life Hours: 50,000
- ▶ Beam Angle: 60°
- ▶ Lens: Prismatic Acrylic
- ▶ 3 Year Warranty



Catalog No.	Efficacy	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LPAR38-16W-D-WW	50 lm/W	3000K	Warm White	800 lm	80	60W MH
LPAR38-16W-D-CW	56 lm/W	4700K	Cool White	900 lm	75	60W MH

LPAR38-15W-D-OD

PRODUCT FEATURES

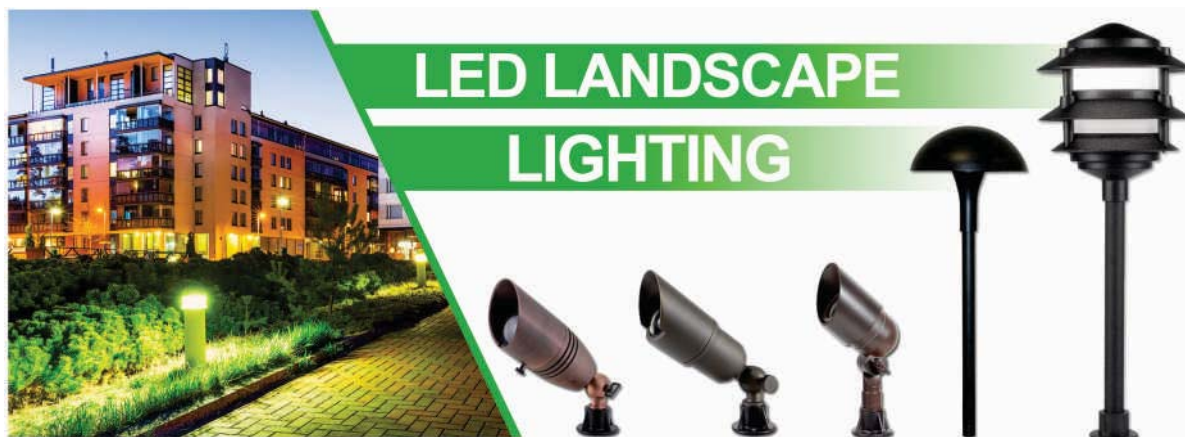
- ▶ Wattage: 15W
- ▶ Voltage: 120V
- ▶ Base: E26/E27
- ▶ Housing: Die Cast Aluminum
- ▶ **Outdoor Rated**
- ▶ Min Operating Temp: -20°C / -4°F
- ▶ Life Hours: 25,000
- ▶ Beam Angle: 40°
- ▶ Lens: Frosted Acrylic
- ▶ 3 Year Warranty



Catalog No.	Efficacy	Color Temp.	Emission Color	Lumens	CRI	Wattage Equiv.
LPAR38-15W-D-WW-OD	73 lm/W	3000K	Warm White	1,100 lm	80	90W MH
LPAR38-15W-D-CW-OD	80 lm/W	5000K	Cool White	1,200 lm	80	90W MH



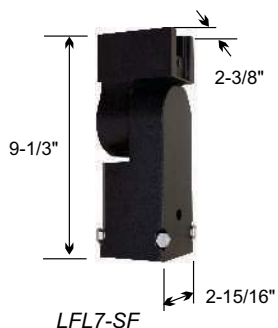
Catalog No.	Description	Color
LWP2-S	Cut-off Shroud for LWP2 Series 50W, 80W	Bronze
LWP2-120W-S	Cut-off Shroud for LWP2 Series 120W	Bronze
LFL7-SF	2-3/8" Inside Diameter, 180° Adjustable Slip Fitter for LFL7 Series 100W, 150W, 230W, 300W	Bronze
LFL7-T-100	Trunnion Mount for LFL7 Series 100W, 150W, 230W	Bronze
LFL7-T-300	Trunnion Mount for LFL7 Series 300W	Bronze
LFL7-PM	Post Mount for LFL7 Series 100W, 150W, 230W, 300W	Bronze
4STVT	Vertical Tenon For 4" Square Pole	Bronze
4ST180HZ2	Horizontal Twin 180° Tenon For 4" Square Pole	Bronze
4ST90HZ2	Horizontal Twin 90° Tenon For 4" Square Pole	Bronze
4ST90HZ3	Horizontal Triple 90° Tenon For 4" Square Pole	Bronze
4ST90HZ4	Horizontal Quad 90° Tenon For 4" Square Pole	Bronze
LTL-FS	Floor Stand Bracket for LTL Series	Yellow
LTL-TS	Adjustable Tripod Stand Bracket for LTL Series	Yellow
LUHB1-T-100	Surface Mount Bracket for LUHB1 Series 100W, 150W	Black
LUHB1-T-230	Surface Mount Bracket for LUHB1 Series 230W, 300W	Black
LLHB1-MR	Motion Sensor & Remote for LLHB1 Series	White
LLHB-SK	3.4ft Adjustable Suspension Kit for LED Linear Highbay	Stainless Steel
PC-1S	120V 50/60Hz Photocell, Swivel-Type, 1200W Tungsten, 1000VA Ballast 1.5VA Power Consumption, 10-20 Lx On Level, 30-60 Lx Off Level	Gray
PC-1SH	120V 50/60Hz Photocell, High-Wattage Swivel-Type, 2000W Tungsten, 1900VA Ballast 1.5VA Power Consumption, 10-20 Lx On Level, 30-60 Lx Off Level	Gray
PC-1F	120V 50/60Hz Photocell, Wire-In Flush Model, 500W Tungsten, 850VA Ballast 1.5VA Power Consumption, 10-20 Lx On Level, 30-60 Lx Off Level	Black
PC-1F-277	208/277V 50/60Hz Photocell, Wire-In Flush Model, 500W Tungsten, 850VA Ballast 1.5VA Power Consumption, 10-20 Lx On Level, 30-60 Lx Off Level	Black



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www.orbitelectric.com



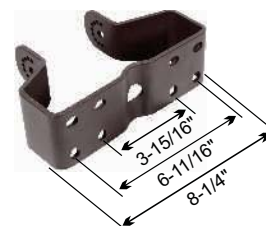
LWP2-S
LWP2-120W-S



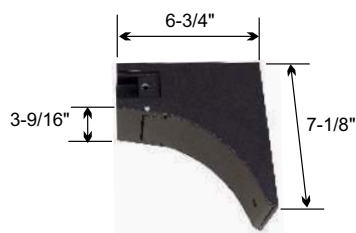
LFL7-SF



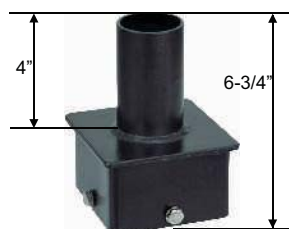
LFL7-T-100



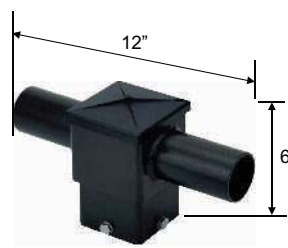
LFL7-T-300



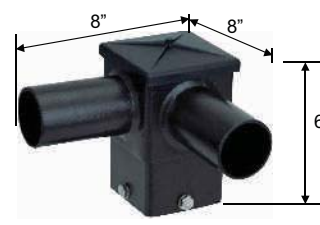
LFL7-PM



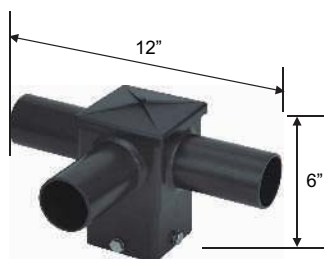
4STVT



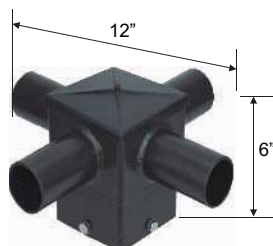
4ST180HZ2



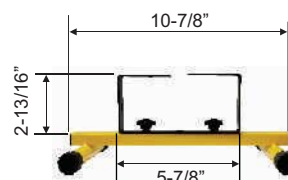
4ST90HZ2



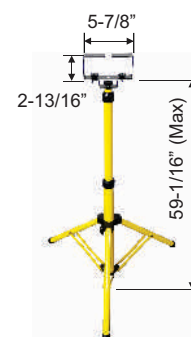
4ST90HZ3



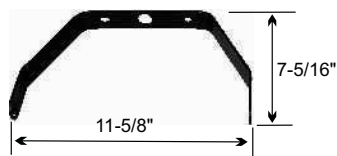
4ST90HZ4



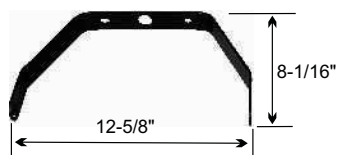
LTL-FS



LTL-TS



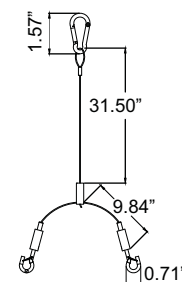
LUHB1-T-100



LUHB1-T-230



LLHB1-MR



LLHB-SK



PC-1S



PC-1SH



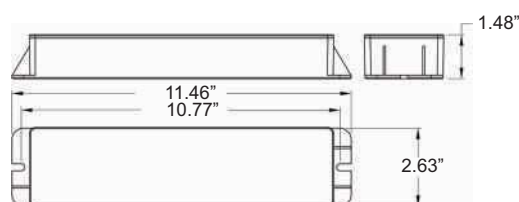
PC-1F
PC-1F-277

LBAL SERIES

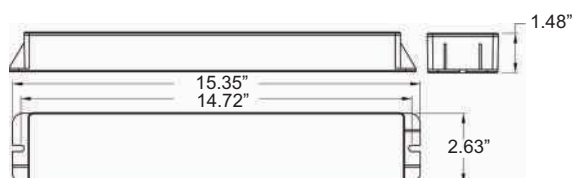
LED EMERGENCY LIGHTING BALLASTS

PRODUCT FEATURES

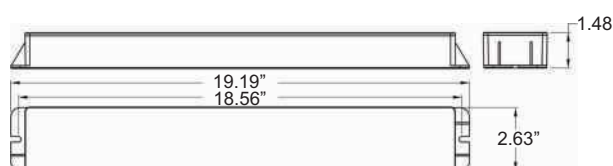
- ▶ Dual-Voltage Input 120/277VAC Operation
- ▶ UL Classified for field installation
- ▶ Suitable for Damp Location (0°C - 50°C)
- ▶ Provides constant power output to the load during emergency mode operation
- ▶ 90 minute minimum emergency operation over full temperature range
- ▶ Injection Molded, engineering grade, 5VA Flame Retardant, high-impact, thermoplastic
- ▶ Black finish
- ▶ Installs inside, on top, or in remote of the fixture
- ▶ Output short/overcurrent protection: Electronic limiting, with normal operation resuming upon removal of fault
- ▶ Can be operated as NORMALLY-ON, NORMALLY-OFF or SWITCHED LOAD
- ▶ Output classification: Class 2 Compliant
- ▶ Surge protection: Per C62.41 (TVS)
- ▶ Input overcurrent protection: Fusible Link
- ▶ LED illuminated and remote mounted test switch
- ▶ Charge/Power "ON" LED indicator light and push-to-test switch
- ▶ Maintenance-free, rechargeable NiCd Battery
- ▶ 24 Hour max battery recharge time
- ▶ 5 year warranty on electronics and housing
- ▶ Meets UL924, NFPA 101 Life Safety Code



LBAL800



LBAL1200 & 1600



LBAL2000 & 2400

Catalog No.	OUTPUT OPERATING RANGE		OUTPUT POWER		Input Current (A)	Input Power (W)
	Voltage (Vdc)	Current (mAdc)	System Wattage (Constant)	Lumens		
LBAL800	20 - 50	250 - 100	5	800	0.061	3.9
LBAL1200	20 - 50	390 - 156	7.8	1250	0.065	4.8
LBAL1600	20 - 50	535 - 214	10.7	1700	0.087	5.7
LBAL2000	20 - 50	685 - 274	13.7	2200	0.11	6.9
LBAL2400	20 - 50	850 - 340	17	2700	0.11	7.9

*Lumen output based on LED light source having efficacy of 160 lumens/watt. Actual output may vary depending on light source.

ORBIT LED LIGHTS COMPATIBILITY TABLE

LWP1-28W-CW	LWP2-80W-CW	LWP3-50W-CW	LCM2-45W-CW
LWP1-28W-WW	LWP25-12W-CW	LWP3-80W-CW	LCM2-60W-CW
LWP1-50W-CW	LWP25-12W-WW	LP741-30W-P-CW	LCM2-80W-CW
LWP1-80W-CW	LWP25-30W-WW	LWP18-30W-P-CW	LFL6-80W-T/SF



Ventilation Fans | J



INNOVATIVE VENTILATION SOLUTIONS

EASY INSTALLATION

Adjustable double-hanger bar system expands up to 24" for between-joist installation. Mounting tabs on the fan housing allow for direct attachment to joist or truss. Snap-in wiring connections allow for easy addition of light / night light accessories, as well as quick motor change-outs.

CODE COMPLIANT

Orbit vent fans are HVI certified for airflow and sound performance. Most of our fixtures are ENERGY STAR® listed, helping owners meet LEED, NAHB Green Building, and Title 24 efficiency standards. All fans are either UL or ETL Listed.

SELECTION

Orbit offers a wide selection of IAQ solutions for meeting code and saving energy. Choose complete fan units with LED lights, DC motors, and motion / humidity sensors. Or, select housing, motors, and grille designs à la carte with **Orbit Contractor Packs**.

QUIET AND LONG-LASTING

Permanently lubricated motors sustain continuous operation up to 30,000 hours for AC motors, and upwards of 60,000 hours for DC motors. Fully enclosed DC motors and AC condenser motors ensure quiet operation as low as 0.5 to 0.3 sone.

Orbit Industries' Ventilation Fans and Fanlights meet energy efficiency and IAQ standards set by most U.S. cities.

Designed with the contractor in mind, our fans are quick and easy to install. Orbit fixtures are long-lasting, and prove a valuable investment for the homeowner.





Universal Vent Fans and Fanlights | Pg. J1~3



Orbit's Universal Series feature adjustable, long-lasting DC Motors that adapt to any whole-house system. The Universal Economy Series (OEU) is a cost-effective solution for continuous (low speed) operation. The OEU series features a dip-switch for selecting 50CFM or 80CFM settings. The Universal Deluxe Series (ODU) doubles as whole house fan and spot ventilator. For continuous ventilation, dial Universal Deluxe models between 30 to 80 CFM. For intermittent (high speed) settings, a dip-switch lets the user preset from 80 to 140 CFM. High speeds settings are triggered by a built-in Motion Sensor (ODU Only) or Humidity Sensor. Available with LED fanlight.

Recessed Fanlight | Pg. J5



Deluxe Recessed Architectural Fanlights (OE80RL Series) incorporate a powerful yet quiet 80 CFM fan behind a recessed downlight aperture. At just 1.0 sone, the only way occupants will know the OE80RL is working will be the fresh air it produces. The OE80 Series is ETL Listed for use over bathtubs or showers when connected to GFCI protected branch circuits.

Deluxe Series | Pg. J4, 6~7



Deluxe Series Fans and Fanlights (OD Series) are the most powerful - yet surprisingly quiet - single-speed bathroom fans in Orbit's catalog. The OD Series is ideal for spot ventilation, with motors that produce air volume from 80CFM to 120CFM. The OD Series' very quiet operation ranges from 0.5 to 2.0 sones. The OD Series is also easy to install, with simple on-off switch control.

Contractor Packs | Pg. J11~12



Orbit Contractor Packs give professionals the option to customize vent fan components for new construction or room side retrofits. Professionals can install the Fan Housing of their choice prior to ceiling installation. Once ceilings are finished, the professional can install a variety of Grilles, Motors and even Fanlight Kits to match room aesthetics. Contractor Packs help reduce instances of damaged grills and motors, as well as lost parts, on busy construction sites leading to jobs being completed faster.

**SERIES**

Model

CFM

Sones

Fanlight

Housing
Depth

Pg.

Universal Deluxe Fan With DC Motor & Motion Sensor	ODU814M	90 - 140	0.5 - 1.5	—	7-5/8"	J1
Universal Deluxe Fan With DC Motor & Humidity Sensor	ODU814H	90 - 140	<0.3 - 0.5	—	7-5/8"	J2
Universal Deluxe Fanlight With DC Motor & Humidity Sensor	ODU814LLH	90 - 140	<0.3 - 0.5	LED	7-5/8"	J2
Universal Economy Fan With DC Motor & Humidity Sensor	OEU580H	80	1.5	—	5-3/4"	J3
Universal Economy Fanlight With DC Motor & Humidity Sensor	OEU580LLH	80	1.5	LED	5-3/4"	J3
Deluxe Fans With Humidity Sensor	OD80H	80	0.5	—	7-5/8"	J4
	OD110H	110	0.9	—	7-5/8"	J4
Deluxe Fanlights With Humidity Sensor	OD80LLH	80	0.5	LED	7-5/8"	J4
	OD110LLH	110	0.9	LED	7-5/8"	J4
Deluxe Recessed Fanlight	OE80RL	80	1.2	CFL	7-1/4"	J5
Deluxe Fans	OD80	80	0.8	—	7-5/8"	J6
	OD90	90	1.0	—	7-5/8"	J6
	OD110	110	1.5	—	7-5/8"	J6
	OD120	120	2.0	—	7-5/8"	J6
Deluxe Fanlights	OD80L	80	0.5	CFL	7-5/8"	J6
	OD90L	90	0.7	CFL	7-5/8"	J6
	OD110L	110	1.2	CFL	7-5/8"	J6
	OD120L	120	1.5	CFL	7-5/8"	J6
Deluxe Heat Fanlight	ODHFL110	110	0.5	CFL	7-5/8"	J7
Economy Plus Fans	OEP80	80	1.3	CFL	7-5/8"	J8
	OEP90	90	1.5	CFL	7-5/8"	J8
	OEP110	110	2.0	CFL	7-5/8"	J8
Standard Plus Fans	OSP50	50	2.5	—	3-11/16"	J9
	OSP70	70	4.0	—	3-11/16"	J9
Standard Plus Fanlight	OSP70L	70	4.0	CFL	5-1/8"	J9
	OSP70LL	70	4.0	LED	5-1/8"	J9
Standard Heat Fanlight	OEHFL70	70	4.0	CFL	5-3/4"	J10
Contractor Packs						J11
Wiring Devices						J13
Fan Accessories						J14

DC Motor & Motion Sensor

Housing Dimensions

- 11-3/8" L x 10-1/2" W x 7-5/8" H

Housing

- Corrosion-Resistant Galvanized Steel
- Adjustable double bar hanger system that extends up to 24"
- Sloped ceiling mounting capability up to 45 degrees
- Includes **detachable 4" and 6"** polymeric collar with lightweight built-in back draft damper
- IC Rated up to R40 insulation

Motor

- Power rating of 120V/60Hz
- Permanently lubricated motor
- Energy efficient, brushless **two speed DC motor** for low speed continuous ventilation from 30-80 CFM
- Quick installation of motor and impeller assembly
- Built-in dip switch to adjust high fan speed setting from 80 to 140 CFM
- Built-in overload disconnect for safety and longer motor life
- Low RPM for quiet operation
- ETL and cETL listed for tub/shower enclosure when connected to a GFCI protected branch circuit
- Life Hours: 60,000

Grille

- Modern and elegant design
- Durable Polymeric Resin
- Torsion spring clips included for easy mounting

Motion Sensor

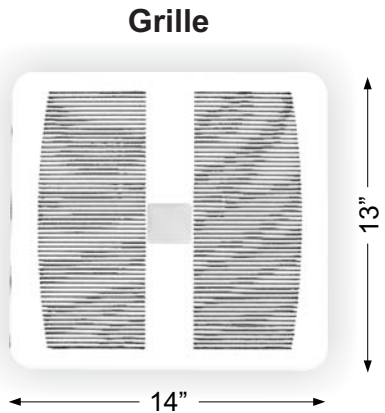
- Activates higher motor speed and delayed timer
- Adjustable timer from 5 to 60 minutes

Warranty

- 2 year limited warranty



Refer to Pg. J15
for Fan Curve (1)



Cat. No.		ODU814M			
Static pressure	Inches w.g.	0.1"			
Duct diameter	Inches	6"			
Air volume	CFM	90	110	120	140
Noise	Sone	0.5	0.9	1.2	1.5
Power consumption	Watts	8.1	10.3	12.2	15.6
Energy efficiency	CFM/Watts	12.23	11.49	10.80	9.41
Power rating	V/Hz.	120/60			
Weight	lbs	10.5			
Standard Qty.		1			

DC Motor & Humidity Sensor

Housing Dimensions

- 11-3/8" L x 10-1/2" W x 7-5/8" H

Housing

- Corrosion-Resistant Galvanized Steel
- Adjustable double bar hanger system that extends up to 24"
- Includes **detachable 4" and 6"** round duct with built-in draft damper
- IC Rated up to R40 insulation

Motor and Blower

- Power rating of 120V/60Hz
- Permanently lubricated, quick installation motor
- Energy efficient, brushless **two speed DC motor** for low speed continuous ventilation from 30-80 CFM
- Built-in dip switch to adjust high fan speed setting from 80 to 140 CFM
- Built-in overload disconnect for safety and longer motor life
- Low RPM for quiet operation
- ETL and cETL listed for tub/shower enclosure when connected to a GFCI protected branch circuit
- Life Hours: 60,000

Grille

- Modern and elegant design
- Durable Polymeric Resin
- Torsion spring clips included for easy mounting

Humidity Sensor

- Adjustable from 50 to 100% relative humidity
- Adjustable timer from 5 to 60 minutes

Warranty

- 2 year limited warranty

Lighting

LED FANLIGHTS

Included:
10 Watt LED Lamp



ODU814H



ODU814LLH

*Refer to Pg. J15
for Fan Curve (1)*

Model		FANS		LED FANLIGHTS	
Cat. No.		ODU814H*		ODU814LLH	
Static pressure	Inches w.g.	0.1"			
Duct diameter	Inches	6"			
Air volume	CFM	90	110	120	140
Noise	Sone	<0.3	<0.3	<0.3	0.5
Power consumption	Watts	8.1	10.3	12.2	15.6
Energy efficiency	CFM/Watts	12.23	11.49	10.80	9.41
Power rating	V/Hz.	120/60			
Weight	lbs	10.5		11.8	
Standard Qty.		1		1	



TITLE 24
COMPLIANT



DC Motor & Humidity Sensor

Housing Dimensions

- › 9" L x 9" W x 5-3/4" H

Housing

- › Corrosion-Resistant 26 GA Galvanized Steel Housing
- › Adjustable double bar hanger system that extends up to 24"
- › Includes detachable 4" round duct with built-in draft damper

Motor and Blower

- › Power rating of 120V/60Hz
- › Permanently lubricated, quick installation motor
Quick installation of motor and impeller assembly
- › Energy efficient, brushless **two speed DC motor** for low speed continuous ventilation at 50 CFM
- › Built-in dip switch to adjust high fan speed setting to 80 CFM
- › Built-in overload disconnect for safety and longer motor life
- › Low RPM for quiet performance
- › ETL and cETL listed for tub/shower enclosure when connected to a GFCI protected branch circuit

Grille

- › Modern and elegant design
- › Torsion spring clips included for easy mounting
- › Grille Dimension: 10-1/2" x 10-1/4"

Humidity Sensor

- › Adjustable from 50 to 100% relative humidity
- › Fan will elevate to high speed when Humidity exceeds desired setting

Warranty

- › 2 year limited warranty

Lighting

LED FANLIGHTS

Included:
11 Watt LED Lamp



OEU580H



OEU580LLH

**Refer to Pg. J15
for Fan Curve (2)**

Model		FANS	LED FANLIGHTS
Cat. No.		NEW OEU580H	NEW OEU580LLH
Static pressure	Inches w.g.	0.1"	0.1"
Duct diameter	Inches	4"	4"
Air volume	CFM	80	80
Noise	Sone	1.5	1.5
Power consumption	Watts	11.0	11.0
Energy efficiency	CFM/Watts	7.27	7.27
Power rating	V/Hz.	120/60	120/60
Weight	lbs	3.2	3.2
Standard Qty.		1	1
Master Qty.		8	8



Humidity Sensor

Housing Dimensions

- 11-3/8" L x 10-1/2" W x 7-5/8" H

Housing

- Corrosion-Resistant Galvanized Steel
- Adjustable double bar hanger system that extends up to 24"
- Sloped ceiling mounting capability up to 45 degrees
- Includes **detachable 4" and 6"** round duct with built-in draft damper
- IC Rated up to R40 insulation

Motor and Blower

- Power rating of 120V/60Hz
- Permanently lubricated, energy efficient motor
- Low RPM for quiet operation
- Built-in overload disconnect for safety and longer motor life
- ETL and cETL listed for tub/shower enclosure when connected to a GFCI protected branch circuit

Grille

- Modern and elegant design
- Durable Polymeric Resin
- Torsion spring clips included for easy mounting

Humidity Sensor

- Adjustable from 50 to 100% relative humidity
- Adjustable timer from 5 to 60 minutes

Warranty

- 2 year limited warranty

Lighting

LED FANLIGHTS

Included:
10 Watt LED Lamp



OD80H & OD110H



OD80LLH & OD110LLH

**Refer to Pg. J15
for Fan Curve (3)**

Model		FANS		LED FANLIGHTS	
Cat. No.		OD80H*	OD110H*	OD80LLH	OD110LLH
Static pressure	Inches w.g.	0.1"	0.1"	0.1"	0.1"
Duct diameter	Inches	4" & 6"	4" & 6"	4" & 6"	4" & 6"
Air volume	CFM	80	110	80	110
Noise	Sone	0.5	0.9	0.5	0.9
Power consumption	Watts	24.4	27.6	24.4	27.6
Energy efficiency	CFM/Watts	3.79	4.77	3.79	4.77
Power rating	V/Hz.	120/60	120/60	120/60	120/60
Weight	lbs	9.9	9.9	11.2	11.2
Standard Qty.		1	1	1	1



Recessed Fanlight

Housing Dimensions

- 12-5/8" L x 8" W x 7-1/4" H

Housing

- Corrosion-Resistant Galvanized Steel
- Adjustable double bar hanger system that extends up to 24"
- Sloped ceiling mounting capability up to 45 degrees
- Includes **4" and 5"** metal duct adapter with built-in back draft damper
- Adjustable lamp base holder for flushed lighting mounts
- IC rated up to R40 insulation

Motor and Blower

- Power rating of 120V/60Hz
- Permanently lubricated, energy efficient motor
- Quick installation of motor and impeller assembly
- Quiet operation and minimal vibration transfer
- Built-in overload disconnect for safety and longer motor life
- ETL and cETL listed for tub/shower enclosure when connected to a GFCI protected branch circuit

Grille & Trim

- Modern and elegant design
- Durable Polymeric Resin
- Torsion spring clips included for easy mounting

Warranty

- 2 year limited warranty

Lighting

FANLIGHTS

Not Included:
23W CFL
Base Compact
Fluorescent Lamp



OE80RL

**Refer to Pg. J15
for Fan Curve (4)**



Model		FANLIGHTS
Cat. No.		OE80RL
Static pressure	Inches w.g.	0.1"
Duct diameter	Inches	4"
Air volume	CFM	80
Noise	Sone	1.2
Power consumption	Watts	19.3
Energy efficiency	CFM/Watts	4.98
Power rating	V/Hz.	120/60
Weight	lbs	9.2
Standard Qty.		1



Housing Dimensions

- 9-1/8" L x 9-1/8" W x 7-5/8" H

Housing

- Heavy-duty steel housing coated with rust proof paint
- Adjustable double bar hanger system that extends up to 24"
- 4" exhaust pipe connection
- Wired for both fan or fanlight
- Effortless side electrical connection
- Termination damper to prevent cold air infiltration
- Light, durable, and sturdy

Motor and Blower

- Power rating of 120V/60Hz
- Permanently lubricated, energy efficient motor with ball bearings designed for continuous use
- Quick installation of motor and impeller assembly
- Effortless snap in wiring connection
- UL and cUL listed for tub/shower enclosure when connected to a GFCI protected branch circuit

Grille

- Contemporary design - with or without light kit
- Durable white ABS for easy cleaning
- Torsion spring clips included for easy installation
- Electronic ballast

Warranty

- 2 year limited warranty

Lighting

FANLIGHTS

Included:
 2 - 18 Watt Flicker-Free,
 Electronic Ballast
 Compact Fluorescent Lamps



FANLIGHTS MODEL

*Refer to Pg. J16
 for Fan Curve (5)*

Model	FANS				FANLIGHTS			
Cat. No.	OD80	*OD90	OD110	*OD120	*OD80L	*OD90L	*OD110L	*OD120L
Static pressure Inches w.g.	0.1"	0.1"	0.1"	0.1"	0.1"	0.1"	0.1"	0.1"
Duct diameter Inches	4"	4"	4"	4"	4"	4"	4"	4"
Air volume CFM	80	90	110	120	80	90	110	120
Noise Sone	0.8	1.0	1.5	2.0	0.5	0.7	1.2	1.5
Power consumption Watts	27.9	28.4	30.6	32.1	31.6	32.1	33.7	37.0
Energy efficiency CFM/Watts	2.87	3.17	3.59	3.74	2.53	2.80	3.26	3.24
Power rating V/Hz.	120/60	120/60	120/60	120/60	120/60	120/60	120/60	120/60
Weight lbs	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Standard Qty.	1	1	1	1	1	1	1	1
Master Qty.	4	4	4	4	4	4	4	4





Heat Fanlight

Housing Dimensions

- › 10-1/2" L x 11-3/8" W x 7-5/8" H

Housing

- › Corrosion-Resistant Galvanized Steel
- › Double hanger bar mounting brackets that are adjustable up to 24"
- › Sloped ceiling mounting capability up to 45 degrees
- › Effortless side electrical connection
- › Includes detachable 4" polymeric collar with lightweight built-in back draft damper

Motor

- › Power rating of 120V/60Hz
- › Permanently lubricated, energy efficient motor
- › Built-in overload disconnect for safety and longer motor life
- › Low RPM for quiet operation
- › ETL and cETL listed for tub/shower enclosure when used with a GFCI branch circuit

Heater

- › 1000W PTC ceramic heater with metal blower
- › Thermal auto-self protection
- › Electric shock protection

Grille

- › Thermal paint 22 gauge sheet metal
- › Torsion spring clips included for easy installation

Warranty

- › 2 year limited warranty on parts

Lighting

FANLIGHTS

Not Included:
2 - 23 Watt GU24
Compact Fluorescent
Lamps



*Refer to Pg. J16
for Fan Curve (6)*



Cat. No.		ODHFL110
Static pressure	Inches w.g.	0.1"
Duct diameter	Inches	4"
Air volume	CFM	110
Noise	Sone	0.5
Power consumption	Watts	24.4
Energy efficiency	CFM/Watts	3.79
Power rating	V/Hz.	120/60
Weight	lbs	12.8
Standard Qty		1

*6" polymeric collar available upon request

Housing Dimensions

- 9-1/8" L x 9-1/8" W x 7-5/8" H

Housing

- Heavy-duty steel housing coated with rust proof paint
- Adjustable double bar hanger system that extends up to 24"
- Includes 4" exhaust pipe connection
- Wired for both fan only or fanlight
- Effortless side electrical connection
- Termination damper to prevent cold air infiltration
- Light, durable and sturdy

Motor and Blower

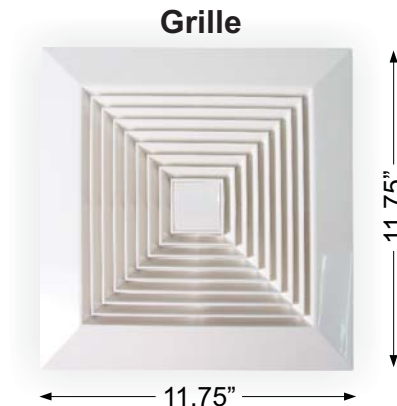
- Power rating of 120V/60Hz
- Permanently lubricated, energy efficient motor designed to continuously active
- Quick installation of motor and impeller assembly
- Effortless snap in wiring connection
- UL and cUL listed for tub/shower enclosure when connected to a GFCI protected branch circuit



**Refer to Pg. J16
for Fan Curve (7)**

Grille

- Contemporary design - with or without light kit
- Durable white ABS for easy cleaning
- Torsion spring clips included for easy mounting
- Electronic ballast



Warranty

- 2 year limited warranty



Model		FANS		
Cat. No.		OEP80	*OEP90	OEP110
Static pressure	Inches w.g.	0.1"	0.1"	0.1"
Duct diameter	Inches	4"	4"	4"
Air volume	CFM	80	90	110
Noise	Sone	1.3	1.5	2.0
Power consumption	Watts	31.2	24.5	27.0
Energy efficiency	CFM/Watts	2.56	3.67	4.07
Power rating	V/Hz.	120/60	120/60	120/60
Weight	lbs	9.2	9.9	9.9
Standard Qty.		1	1	1
Master Qty.		4	4	4



Housing Dimensions

- ▶ **OSP50 & OSP70:** 7-1/2" L x 7-5/16" W x 3-11/16" H
- ▶ **OSP70L:** 7-1/2" L x 7-1/8" W x 5-1/8" H "

Housing

- ▶ Corrosion-Resistant Galvanized Steel
- ▶ Built-in mounting ears for ceiling or wall installation
- ▶ Torsion mounting
- ▶ Wired for both fan or fanlight
- ▶ Includes **detachable 3" or 4"** polymeric collar

Motor and Blower

- ▶ Power rating of 120V/60Hz
- ▶ Permanently lubricated motor with plug for continuous run and easy removal
- ▶ Built-in overload disconnect for safety and longer motor life
- ▶ Low RPM for quiet performance
- ▶ Removable Centrifugal-type Blower Wheel
- ▶ UL and cUL listed for tub/shower enclosure when connected to a GFCI protected branch circuit

Grille

- ▶ Modern and elegant design
- ▶ Durable Polymeric Resin

Warranty

- ▶ 2 year limited warranty

Lighting

FANLIGHTS

Included:
1 - 13 Watt GU24
Compact Fluorescent
Lamp



LED FANLIGHTS

Included:
8.5 Watt LED Lamp



OSP50 & OSP70



OSP70L & OSP70LL

**Refer to Pg. J16
for Fan Curve (8)**



Model		FANS		FANLIGHTS	LED FANLIGHTS
Cat. No.		OSP50*	OSP70	OSP70L*	OSP70LL*
Statistic Pressure	Inches w.g.	0.1"	0.1"	0.1"	0.1"
Duct diameter	Inches	3"	4"	4"	4"
Air volume	CFM	50	70	70	70
Noise	Sone	2.5	4.0	4.0	4.0
Power consumption	Watts	45	45	45	45
Energy efficiency	CFM/Watts	1.10	1.55	1.55	1.55
Power rating	V/Hz.	120/60	120/60	120/60	120/60
Weight	lbs	5.1	5.1	6.4	6.4
Standard Qty.		1	1	1	1
Master Qty.		12	12	-	-



Housing Dimensions

- ▶ 14" L x 7-3/4" W x 5-3/4" H

Housing

- ▶ Galvanized housing resists humid conditions & changing attic temperatures, unlike plain steel housing used in many vents
- ▶ Ceiling/wall thickness indicator markings & built-in mounting tabs for quick installation
- ▶ Built-in junction box for easy wiring
- ▶ Precision balanced, molded fan blade for quiet operation
- ▶ Molded Duct Adaptor with built-in damper
- ▶ Combination Lamp Compartment & Aluminum Reflector
- ▶ Built-in medium base lampholder included



Motor and Heating

- ▶ 950 W fan-forced heating element
- ▶ Easy removal and installation of motor assembly with keyhole mounting bracket
- ▶ Permanently lubricated motor with plug for quick activations
- ▶ Units and service parts are CSA listed

Grille

- ▶ Attractive molded grille with spring clips for smooth fit against ceiling or wall
- ▶ Dishwasher-safe grille with Polycarbonate Light Lens for easy homeowner cleaning



Warranty

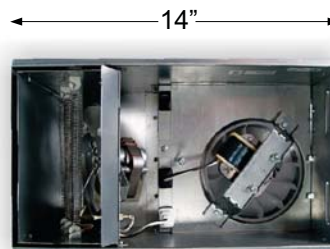
- ▶ 2 year limited warranty

Housing & Motor

5 3/4"



7 3/4"



Cat. No.		OEHFL70
Duct diameter	Inches	4"
Air volume	CFM	70
Noise	Sone	4.0
Finish Color		White
Master Qty.		4





Orbit's highly certified and energy efficient ventilation fan and fanlights are available in contractor packs for large projects and quick installations.

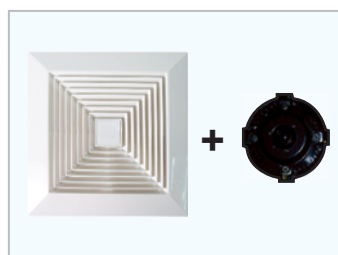
- *Easy and secure installation for reduced labor and costs*
- *Universal housing for reduced inventory and greater flexibility*
- *Fitted with the best fan motors in the ventilation market lasting up to 30,000 hours*
- *Optimal energy efficiency-reduces utility costs by up to 50%*
- *No sharp edges to reduce injury in the field*

ORDERING GUIDE



STEP 1

Select Housing



STEP 2

Select
Grille + Motor



ACCESSORIES 1

Fanlight
Conversion Kits



ACCESSORIES 2

Grille
Replacement



CONTRACTOR PACKS

STEP 1

Select Housing

STEP 2




Select
Grille + Motor




ACCESSORIES 1


Fanlight
Conversion Kits

ACCESSORIES 2

Grille
Replacement

Cat.No.		Description	Compatible Models
OSPH		Standard Housing 7-1/2" L x 7-5/16" W x 3-11/16" H 6 Per Carton	OSP50
OSPL-H		Standard Plus Housing 7-1/2" L x 7-1/8" W x 5-1/8" H 6 Per Carton	OSP70L
OEPH		Economy Plus Housing 9-1/8" L x 9-1/8" W x 7-5/8" H 4 Per Carton	OEP80

Cat.No.		Air Volume (CFM)	Description	Compatible Models
OSP50F		50CFM	Standard Plus 6 Per Carton 1 Grille + 1 Fan Motor	OSP50
OSP70L-F		70CFM	Standard Plus 6 Per Carton 1 Grille + 1 Fan Motor	OSP70L
OEP80F		80CFM	Economy Plus 4 Per Carton 1 Grille + 1 Fan Motor	OEP80

Cat.No.	Grille + light	Description	Compatible Models
*OVFM		4 Per Carton 2 - 18W Lamps + Fanlight Grille + Ballast	*OD80L *OD90L *OD110L *OD120L

Cat.No.		Description	Compatible Models
OEP-G		Economy Plus Grille	OEP80 *OEP90 OEP110
OD-G		Deluxe Grille	OD80 *OD90 OD110 *OD120
OEP-G		Deluxe & Economy Plus Grille for Fanlights	*OD80L *OD90L *OD110L *OD120L
OEP-L		Deluxe & Economy Plus Lens	*OD80L *OD90L *OD110L *OD120L



TITLE 24
COMPLIANT



HUMIDITY SENSORS

PRODUCT FEATURES

CONDENSATION SENSORS (adjustable)

- ▶ Turns ON the fan when condensation is present and OFF when dry
- ▶ Adjust sensors to solve moisture problem
- ▶ Helps fight mold

QUE™ TECHNOLOGY

- ▶ Ultra moisture-sensing adaptive technology (patent pending)

COUNTDOWN TIMER (adjustable)

- ▶ You choose how long your fan will run
- ▶ Great for tenant and family use

MANUAL ON/OFF CONTROL

- ▶ Manual light control allows you to control bathroom lighting
- ▶ Manual fan control for immediate ventilation

LED FAN INDICATOR LIGHT

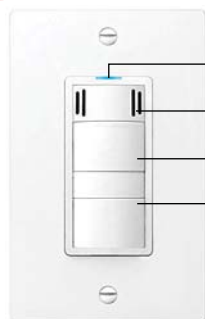
- ▶ Lets you know the fan is ON
- #### CONCEALED ADJUSTMENT SETTINGS

- ▶ Tamper-proof settings cover

TITLE 24
COMPLIANT 

Cat. No.	Description	Inner	Master
FS-3300-W NEW	Fan Switch Electrical Input: 120 volts @ 60Hz Max. Fan Load: 6 Amps	1	72
FS-3325-W NEW	Fan & Light Switch Electrical Input: 120 volts @ 60Hz Max. Fan Load: 6 Amps Max. Light Load: Fluorescent: 400 Watt Incandescent: 600 Watt LED/CFL: 150 Watt	1	72

NEW



blue LED light
Condensation Sentry
fan ON
fan OFF

FS-3300-W

NEW



blue LED light
Condensation Sentry
light ON/OFF
fan ON/OFF

FS-3325-W

RESIDENTIAL GRADE DECORATIVE SWITCHES

PRODUCT FEATURES

- ▶ 120~277 VAC
- ▶ Rocker-type
- ▶ Impact-Resistant Thermoplastic Body
- ▶ With Combination Head Screws

Cat. No.	Description	Color (Cat. No. - Color Code)				Std. Pkg.	Master Carton
		White	Ivory	Black	Almond		
2DS15	Double Rocker Switch, 15A, 120~277V Single-Pole Side Wire only	2DS15-W	2DS15-I	2DS15-BK	2DS15-A	10	200
3DS15	Triple Rocker Switch, 15A, 120~277V Single-Pole Push-In Back Wire only, with Ground Pigtail	3DS15-W	3DS15-I	3DS15-BK	3DS15-A	10	200



2DS15



3DS15

Ventilation Fans



FAN ACCESSORIES

45LT-D Compatible Models

OD80 OEP80
 *OD90 *OEP90
 OD110 OEP110
 *OD120

45LT-D-1212 Compatible Models

ODU814M OD80H
 ODU814H OD110H

Cat. No.	Description	Std. Pkg.
45LT-D	Ceiling Radiation Fire Damper 10" X 10"	1
45LT-D-1212 NEW	Ceiling Radiation Fire Damper 12" X 12"	1
GUEBA	GU24 to Edison Base adapter	10



45LT-D
 45LT-D-1212 **NEW**



GUEBA

REPLACEMENT BULBS

Cat. No.	Description	Std. Pkg.
PL23-GU-41K	23W GU24 Base Compact Fluorescent, 4100K	1



PL23-GU-41K

REPLACEMENT GRILLES

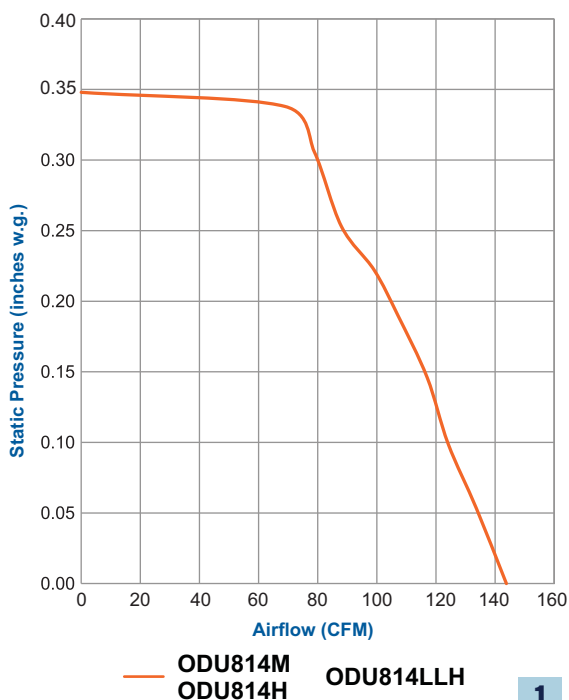
OFLGML Compatible Models

ODU814H
 OD80H
 OD110H

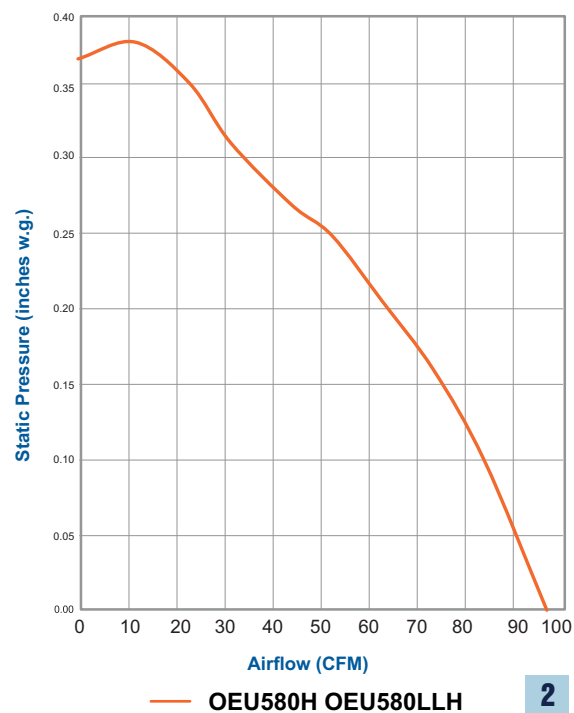
Cat. No.	Description	Std. Pkg.
OFLGML	Fan Light Grille Module with 10W LED Lamp	1



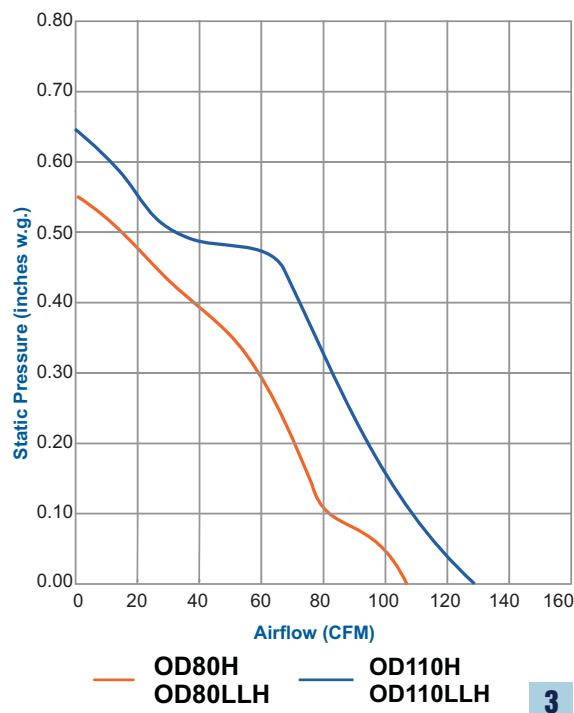
OFLGML



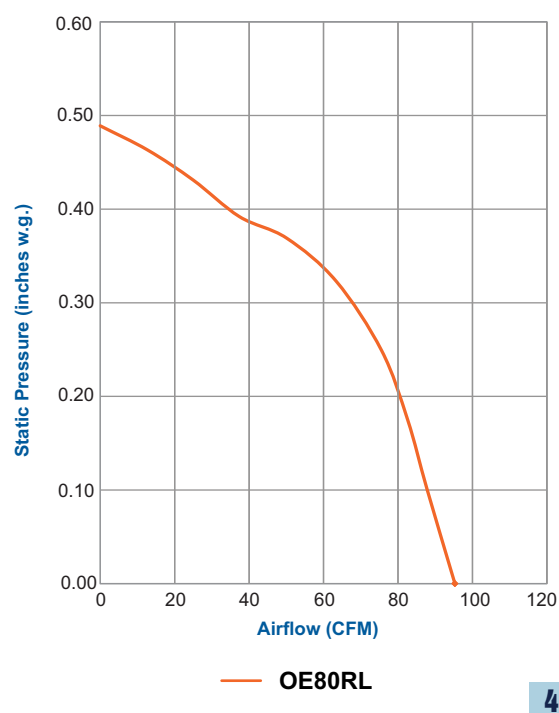
See Pg.J1 or Pg.J2 for Fan Info



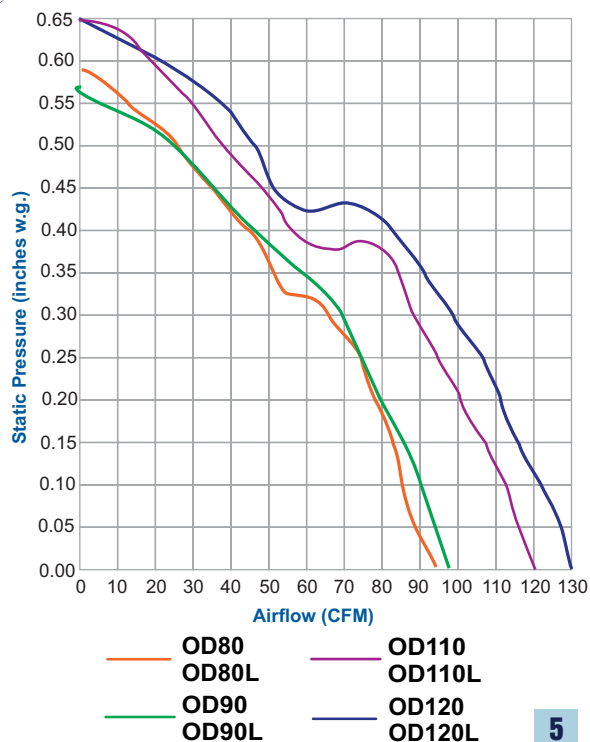
See Pg.J3 for Fan Info



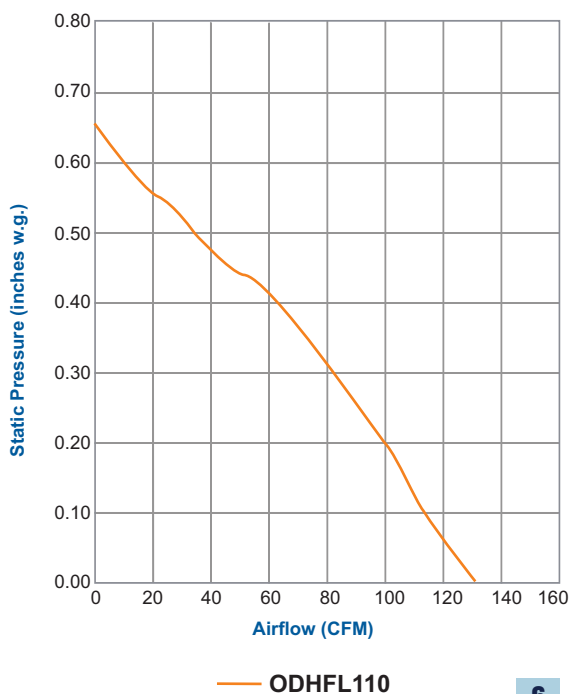
See Pg.J4 for Fan Info



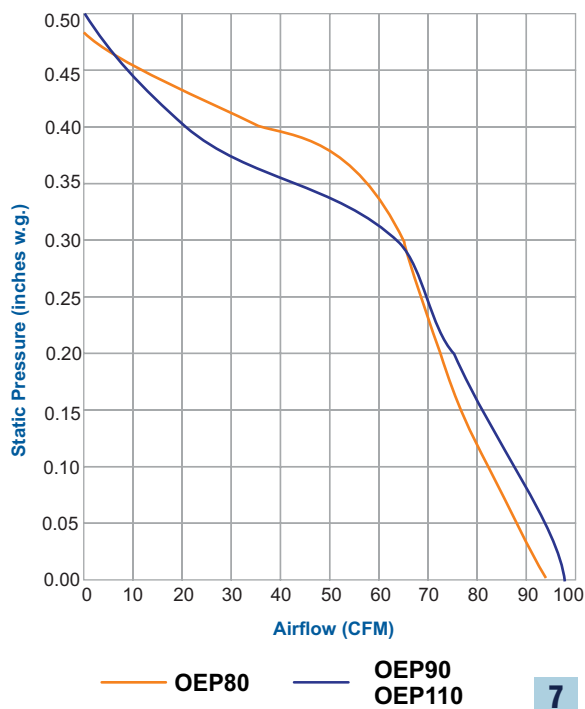
See Pg.J5 for Fan Info



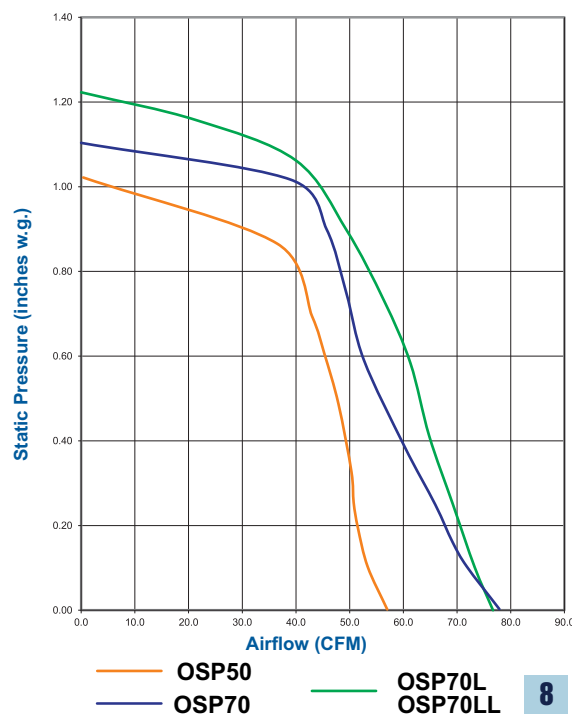
See Pg.J6 for Fan Info



See Pg.7 for Fan Info



See Pg.8 for Fan Info



See Pg.J9 for Fan Info



Cable & Wire | **K**

CAT3 UTP CABLES

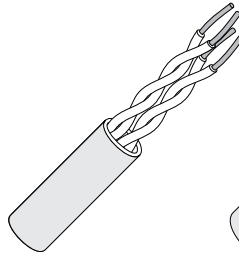
PRODUCT FEATURES

- ▶ Non-Plenum
- ▶ 0.018"-Thick PVC Jacket
- ▶ PE Insulation
- ▶ Type CM or MP
- ▶ 24 AWG Solid Cu Conductors
- ▶ 100 Ohms, up to 60 MHZ
- ▶ In Pull-Back Boxes

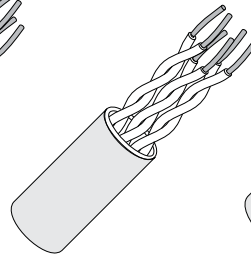
Frequency (MHz)	Attenuation (dB/100m)
0.772	2.2
1	2.6
4	5.6
8	8.5
10	9.7
16	13.1



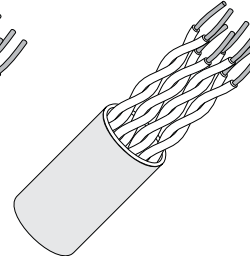
Cat. No.	No. of Pairs	Nom. Outside Dia. (In.)	PVC Jacket Color	Conductor Insulation Colors	Length/ Pkg. (ft.)	Weight/ Pkg. (lbs.)
CAT3-2P-GY	2	0.140	Gray	White/Orange, White/Blue	1000	12.13
CAT3-2P-WH	2	0.140	White	White/Orange, White/Blue	1000	12.13
CAT3-3P-GY	3	0.160	Gray	White/Orange, White/Blue, White/Green	1000	15.44
CAT3-3P-WH	3	0.160	White	White/Orange, White/Blue, White/Green	1000	15.44
CAT3-4P-GY	4	0.180	Gray	White/Orange, White/Blue, White/Green, White/Brown	1000	22.71
CAT3-4P-WH	4	0.180	White	White/Orange, White/Blue, White/Green, White/Brown	1000	22.71
CAT3-6P-GY	6	0.210	Gray	White/Orange, White/Blue, White/Green, White/Brown, White/Slate, Red/Blue	1000	26.46
CAT3-6P-WH	6	0.210	White	White/Orange, White/Blue, White/Green, White/Brown, White/Slate, Red/Blue	1000	26.46



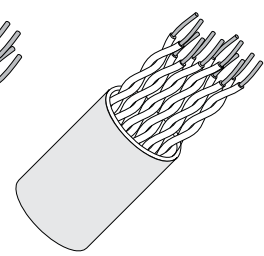
CAT3-2P-GY
CAT3-2P-WH



CAT3-3P-GY
CAT3-3P-WH



CAT3-4P-GY
CAT3-4P-WH



CAT3-6P-GY
CAT3-6P-WH

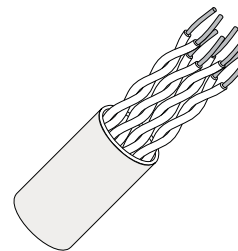
CAT5E UTP CABLES 100MHz Enhanced

PRODUCT FEATURES

- ▶ Non-Plenum
- ▶ 0.021"-Thick PVC Jacket
- ▶ PE Insulation
- ▶ Type CM or MP
- ▶ 24 AWG Solid Cu Conductors
- ▶ 100 Ohms, Up to 100 MHz
- ▶ -40°C to 70°C Operating Temp
- ▶ 65% Velocity of Propagation
- ▶ In Pull-Pack Boxes

Frequency (MHz)	Attenuation (dB/100m)
0.772	1.8
1.0	2.0
4.0	4.1
8.0	5.8
10.0	6.5
16.0	8.2
20.0	9.3
25.0	10.4
31.3	11.7
62.5	17.0
100.0	22.0

Cat. No.	No. of Pairs	Nom. Outside Dia. (In.)	PVC Jacket Color	Conductor Insulation Colors	Length/ Pkg. (ft.)	Weight/ Pkg. (lbs.)
CAT5E-4P-GY	4	0.195	Gray	White/Orange, White/Blue, White/Green, White/Brown	1000	22.71
CAT5E-4P-YE	4	0.195	White	White/Orange, White/Blue, White/Green, White/Brown	1000	22.71



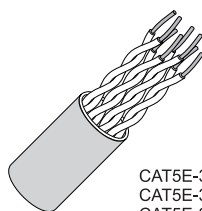
CAT5E-4P-GY
CAT5E-4P-YE

CAT5E UTP CABLES
350MHz Enhanced
PRODUCT FEATURES

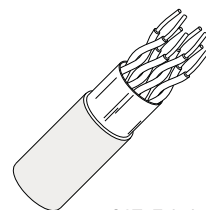
- ▶ Non-Plenum
- ▶ 0.022"-Thick PVC Jacket
- ▶ PE Insulation
- ▶ Type CM or MP
- ▶ 24 AWG Bare Cu Conductors
- ▶ 93.8 Ohms, Up to 350 MHz
- ▶ -40°C to 75°C Operating Temp
- ▶ 65% Velocity of Propagation
- ▶ In Reel-in-Box Packaging

Frequency (MHz)	Attenuation (dB/100m)
0.772	1.8
1.0	2.0
4.0	4.1
8.0	5.8
10.0	6.5
16.0	8.2
20.0	9.3
25.0	10.4
31.3	11.7
62.5	17.0
100.0	22.0
200.0	32.4
240.0	36.0
300.0	41.0
350.0	44.9

Cat. No.	No. of Pairs	Nom. Outside Dia. (In.)	PVC Jacket Color	Conductor Insulation Colors	Length/ Pkg. (ft.)	Weight/ Pkg. (lbs.)
CAT5E-350-4P-GN	4	0.213	Green	White/Orange, White/Blue, White/Green, White/Brown	1000	22.85
CAT5E-350-4P-GY	4	0.213	Gray	White/Orange, White/Blue, White/Green, White/Brown	1000	22.85
CAT5E-350-4P-WH	4	0.213	White	White/Orange, White/Blue, White/Green, White/Brown	1000	22.85
CAT5E-350-4P-YE	4	0.213	Yellow	White/Orange, White/Blue, White/Green, White/Brown	1000	22.85
CAT5E-350-STP-4P-GY (Shielded Twisted Pair)	4	0.213	Gray	White/Orange, White/Blue, White/Green, White/Brown	1000	28.70
CAT5EDB-350-4P-BK (Direct Burial)	4	0.213	Black	White/Orange, White/Blue, White/Green, White/Brown	1000	32.20
CAT5EO-350-4P-BK (Outdoor Use)	4	0.213	Black	White/Orange, White/Blue, White/Green, White/Brown	1000	19.90



CAT5E-350-4P-GN
 CAT5E-350-4P-GY
 CAT5E-350-4P-WH
 CAT5E-350-4P-YE
 CAT5EO-350-4P-BK



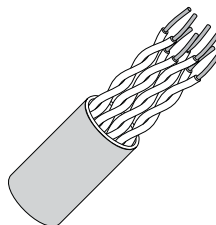
CAT5E-350-STP-4P-GY
 CAT5EDB-350-4P-BK

CAT5EP PLENUM UTP CABLES
350MHz Enhanced
PRODUCT FEATURES

- ▶ Plenum
- ▶ 0.023"-Thick PVC Jacket
- ▶ FEP Insulation
- ▶ Type CMP
- ▶ 24 AWG Bare Cu Conductors
- ▶ 93.8 Ohms, Up to 350 MHz
- ▶ -40°C to 70°C Operating Temp
- ▶ 65% Velocity of Propagation
- ▶ In Reel-in-Box or Pull-Box Packaging

Frequency (MHz)	Attenuation (dB/100m)
1.0	2.0
4.0	4.1
8.0	5.8
10.0	6.5
16.0	8.2
20.0	9.3
25.0	10.4
31.25	11.7
62.5	17.0
100.0	22.0
155.0	28.1
200.0	32.4
250.0	36.9
300.0	41.0
350.0	44.9

Cat. No.	No. of Pairs	Nom. Outside Dia. (In.)	PVC Jacket Color	Conductor Insulation Colors	Length/ Pkg. (ft.)	Weight/ Pkg. (lbs.)
CAT5EP-350-4P-BU	4	0.209	Blue	White/Orange, White/Blue, White/Green, White/Brown	1000	22.45
CAT5EP-350-4P-WH	4	0.209	White	White/Orange, White/Blue, White/Green, White/Brown	1000	22.45
CAT5EP-350-4P-GY	4	0.209	Gray	White/Orange, White/Blue, White/Green, White/Brown	1000	22.45
CAT5EP-350-4P-YE	4	0.209	Yellow	White/Orange, White/Blue, White/Green, White/Brown	1000	22.45
CAT5EP-350-4P-GN	4	0.209	Green	White/Orange, White/Blue, White/Green, White/Brown	1000	22.45



CAT5EP-350-4P-BU
 CAT5EP-350-4P-WH
 CAT5EP-350-4P-GY
 CAT5EP-350-4P-YE
 CAT5EP-350-4P-GN



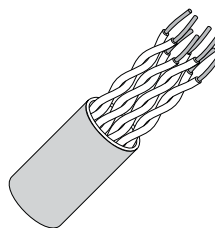
CAT5ER RISER UTP CABLES 350MHz Enhanced

PRODUCT FEATURES

- ▶ Riser
- ▶ 0.023"-Thick PVC Jacket
- ▶ PE Insulation
- ▶ Type CMR
- ▶ 24 AWG Bare Cu Conductors
- ▶ 93.8 Ohms, Up to 350 MHz
- ▶ -40°C to 75°C Operating Temp
- ▶ 65% Velocity of Propagation
- ▶ In Reel-in-Box or Pull-Box Packaging

Frequency (MHz)	Attenuation (dB/100m)
0.772	1.8
1.0	2.0
4.0	4.1
8.0	5.8
10.0	6.5
16.0	8.2
20.0	9.3
25.0	10.4
31.3	11.7
62.5	17.0
100.0	22.0
200.0	32.4
300.0	41.0
350.0	44.9

Cat. No.	No. of Pairs	Nom. Outside Dia. (In.)	PVC Jacket Color	Conductor Insulation Colors	Length/ Pkg. (ft.)	Weight/ Pkg. (lbs.)
CAT5ER-350-4P-BU	4	0.197	Blue	White/Orange, White/Blue, White/Green, White/Brown	1000	20.20
CAT5ER-350-4P-WH	4	0.197	White	White/Orange, White/Blue, White/Green, White/Brown	1000	20.20
CAT5ER-350-4P-YE	4	0.197	Yellow	White/Orange, White/Blue, White/Green, White/Brown	1000	20.20



CAT5ER-350-4P-BU
CAT5ER-350-4P-WH
CAT5ER-350-4P-YE

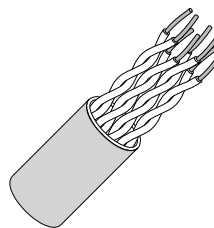
CAT6P PLENUM UTP CABLE 550MHz

PRODUCT FEATURES

- ▶ Plenum
- ▶ 0.023"-Thick PVC Jacket
- ▶ FEP Insulation
- ▶ Type CMP
- ▶ 23 AWG Solid Cu Conductors
- ▶ 93.8 Ohms, Up to 550 MHz
- ▶ -40 °C to 70 °C Operating Temp
- ▶ 65% Velocity of Propagation
- ▶ In Reel-in-Box or Pull-Box Packaging

Frequency (MHz)	Attenuation (dB/100m)
1.0	2.0
4.0	3.8
8.0	5.4
10.0	6.0
16.0	7.7
20.0	8.6
25.0	9.6
31.25	10.8
62.5	15.7
100.0	20.2
200.0	29.8
250.0	33.8
300.0	34.9
350.0	36.3
400.0	39.6
500.0	45.4
550.0	48.3

Cat. No.	No. of Pairs	Nom. Outside Dia. (In.)	PVC Jacket Color	Conductor Insulation Colors	Length/ Pkg. (ft.)	Weight/ Pkg. (lbs.)
CAT6P-550-4P-BU	4	0.209	Blue	White/Orange, White/Blue, White/Green, White/Brown	1000	28.55
CAT6P-550-4P-WH	4	0.209	White	White/Orange, White/Blue, White/Green, White/Brown	1000	28.55



CAT6P-550-4P-BU
CAT6P-550-4P-WH

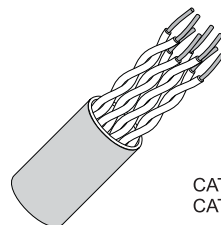
CAT6R RISER UTP CABLE 550MHz

PRODUCT FEATURES

- ▶ Riser
- ▶ 0.023"-Thick PVC Jacket
- ▶ PE Insulation
- ▶ Type CMR
- ▶ 23 AWG Bare Cu Conductors
- ▶ 95 Ohms, Up to 550 MHz
- ▶ -40°C to 75°C Operating Temp
- ▶ 65% Velocity of Propagation
- ▶ In Reel-in-Box or Pull-Box Packaging

Frequency (MHz)	Attenuation (dB/100m)
0.772	1.8
1.0	2.0
4.0	3.8
8.0	5.3
10.0	6.0
16.0	7.6
20.0	8.5
25.0	9.5
31.25	10.7
62.5	15.4
100.0	19.8
200.0	29.0
250.0	32.8
350.0	39.8
450.0	46.0
550.0	51.7

Cat. No.	No. of Pairs	Nom. Outside Dia. (In.)	PVC Jacket Color	Conductor Insulation Colors	Length/ Pkg. (ft.)	Weight/ Pkg. (lbs.)
CAT6R-550-4P-BU	4	0.244	Blue	White/Orange, White/Blue, White/Green, White/Brown	1000	28.25
CAT6R-550-4P-WH	4	0.244	White	White/Orange, White/Blue, White/Green, White/Brown	1000	28.25



CAT6R-550-4P-BU
CAT6R-550-4P-WH

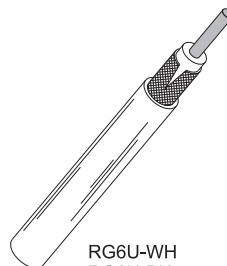
RG6U & RG6U-Q CATV COAXIAL CABLES 1000 MHz

PRODUCT FEATURES

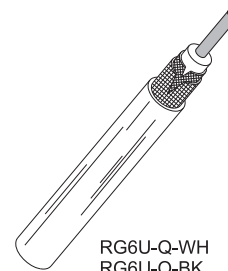
- ▶ CATV and CL2 Rated
- ▶ Non-Plenum
- ▶ 18 AWG CCS with Dielectric Jacket
- ▶ Non-Contaminating PVC Jacket
- ▶ 75 Ohms Nominal Impedance
- ▶ 54 pF/m Nominal Capacitance
- ▶ -20°C to 60°C Operating Temp.
- ▶ 150V Working Voltage
- ▶ 82% Velocity of Propagation
- ▶ In Boxes or Wooden Reels

Frequency (MHz)	Attenuation (dB/100m)
10	0.6
50	1.5
100	2.1
200	3.1
400	4.9
700	6.9
1000	7.4

Cat. No.	Description	Outer Dia. (In.)	Color	Pkg.	Length/ Pkg. (ft.)	Weight/ Pkg. (lbs.)
RG6U-WH-M	60% AL Braided	0.272	White	Reel	1000	47.67
RG6U-BK-M	60% AL Braided	0.272	Black	Reel	1000	47.67
RG6U-WH	60% AL Braided	0.272	White	Pull-Box	500	23.84
RG6U-BK	60% AL Braided	0.272	Black	Pull-Box	500	23.84
RG6U-Q-WH-M	60%/40% Al Braided, Quad-Shielded	0.297	White	Reel	1000	48.67
RG6U-Q-BK-M	60%/40% Al Braided, Quad-Shielded	0.297	Black	Reel	1000	48.67
RG6U-Q-WH	60%/40% Al Braided, Quad-Shielded	0.297	White	Pull-Box	500	24.33
RG6U-Q-BK	60%/40% Al Braided, Quad-Shielded	0.297	Black	Pull-Box	500	24.33



RG6U-WH
RG6U-BK
RG6U-WH-M
RG6U-BK-M



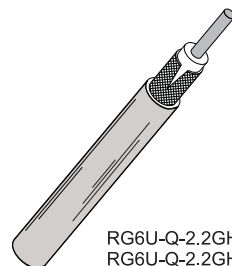
RG6U-Q-WH
RG6U-Q-BK
RG6U-Q-WH-M
RG6U-Q-BK-M

**RG6U-Q CATV
COAXIAL CABLES
2200 MHz**
PRODUCT FEATURES

- ▶ CATV and CL2 Rated
- ▶ Non-Plenum
- ▶ 18 AWG Solid Cu
- ▶ With Dielectric Jacket
- ▶ 100% Dual Tape Bonded
- ▶ Non-Contaminating PVC Jacket
- ▶ 75 Ohms Nominal Impedance
- ▶ 54 pF/m Nominal Capacitance
- ▶ -20°C to 60°C Operating Temp.
- ▶ 150V Working Voltage
- ▶ 85% Velocity of Propagation
- ▶ In Boxes or Wooden Reels

Frequency (MHz)	Attenuation (dB/100m)
10	0.8
50	1.4
100	1.9
200	2.9
400	3.9
700	5.4
1000	7.0
1200	8.9
1450	10.1
1800	10.9
2000	11.1
2200	11.3

Cat. No.	Description	Outer Dia. (In.)	Color	Pkg.	Length/ Pkg. (ft.)	Weight/ Pkg. (lbs.)
RG6U-Q-2.2GH-BK	60%/40% Al Braided, Quad-Shielded	0.297	White	Reel	1000	48.67
RG6U-Q-2.2GH-WH	60%/40% Al Braided, Quad-Shielded	0.297	Black	Reel	1000	48.67

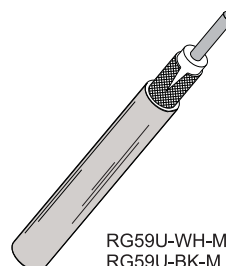

 RG6U-Q-2.2GH-BK
RG6U-Q-2.2GH-WH

**RG59U
CATV COAXIAL CABLES
1000 MHz**
PRODUCT FEATURES

- ▶ CATV and CL2 Rated
- ▶ Non-Plenum
- ▶ 20 AWG 21% CCS
- ▶ Non-Contaminating PVC Jacket
- ▶ 75 Ohms Nominal Impedance
- ▶ 52.5 pF/m Nominal Capacitance
- ▶ -20°C to 60°C Operating Temp.
- ▶ 150V Working Voltage
- ▶ 81% Velocity of Propagation
- ▶ In Wooden Reels

Frequency (MHz)	Attenuation (dB/100m)
10	0.8
50	1.8
100	2.5
200	3.6
400	5.3
700	7.5
1000	9.3

Cat. No.	Description	Outer Dia. (In.)	Color	Pkg.	Length/ Pkg. (ft.)	Weight/ Pkg. (lbs.)
RG59U-WH-M	95% AL Braided	0.193	White	Reel	1000	37.50
RG59U-BK-M	95% AL Braided	0.193	Black	Reel	1000	37.50

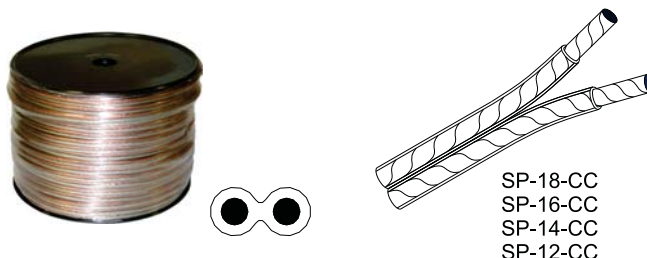

 RG59U-WH-M
RG59U-BK-M

SPEAKER CABLES

PRODUCT FEATURES

- ▶ 2 Cu Conductors, Stranded
- ▶ PVC-Insulated
- ▶ CL2-Rated
- ▶ -20°C to 60°C Operating Temp.
- ▶ 300V Max. Operating Voltage
- ▶ 30.87 pF/ft Capacitance @ 1KHz
- ▶ In Plastic Reels

Cat. No.	Jacket/Color	AWG	Ohms per 1000 ft.	Nom. Dia. (In.)	Length/ Pkg. (ft.)	Weight/ Pkg. (lbs.)
SP-18-CC	PVC, Clear	18/2	6.42	.121 x .236	500	17.00
SP-16-CC	PVC, Clear	16/2	4.06	.137 x .294	500	17.00
SP-14-CC	PVC, Clear	14/2	2.56	.166 x .352	500	17.00
SP-12-CC	PVC, Clear	12/2	1.54	.207 x .434	500	17.00

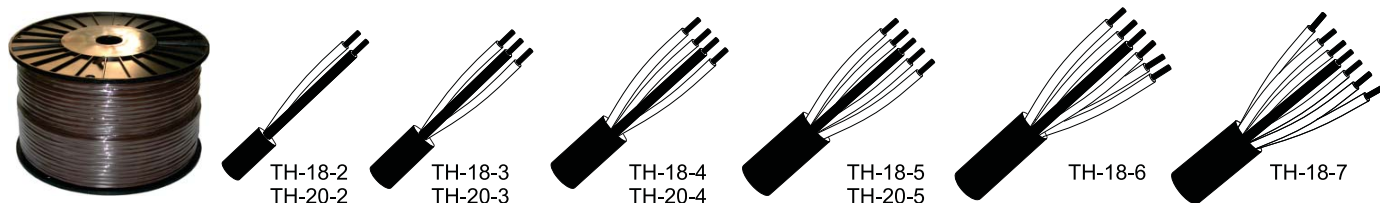


THERMOSTAT CABLES

PRODUCT FEATURES

- ▶ For HVAC Thermostat Systems & Low-Voltage Applications
- ▶ Non-Plenum
- ▶ PVC Jacket
- ▶ CL2-Rated
- ▶ -20°C to 60°C Operating Temp.
- ▶ 150V Max. Operating Voltage
- ▶ In Plastic Reels

Cat. No.	Description	Solid AWG	Nom. Outside Dia. (In.)	PVC jacket Color	Conductor Insul. Colors	Length/ Pkg. (ft.)	Weight/ Pkg. (lbs.)
TH-18-2	Two-Wire	18/2	0.132	Brown	White/Red	500	9.26
TH-18-3	Three-Wire	18/3	0.140	Brown	White/Red/Green	500	12.26
TH-18-4	Four-Wire	18/4	0.154	Brown	White/Red/Green/Blue	250	7.25
TH-18-5	Five-Wire	18/5	0.170	Brown	White/Red/Green/Blue/Yellow	250	9.25
TH-18-6	Six-Wire	18/6	0.186	Brown	White/Red/Green/Blue/Yellow/Brown	250	10.15
TH-18-7	Seven-Wire	18/7	0.194	Brown	White/Red/Green/Blue/Yellow/Brown/Orange	250	11.00
TH-20-2	Two-Wire	20/2	0.114	Brown	White/Red	250	4.25
TH-20-3	Three-Wire	20/3	0.121	Brown	White/Red/Green	250	6.00
TH-20-4	Four-Wire	20/4	0.132	Brown	White/Red/Green/Blue	250	7.00
TH-20-5	Five-Wire	20/5	0.147	Brown	White/Red/Green/Blue/Yellow	250	9.00



LOW-VOLTAGE CABLES

PRODUCT FEATURES

- ▶ Outdoor-Rated
- ▶ Direct-Burial Application, Non-UL
- ▶ CL2-Rated, 30V Operating Voltage
- ▶ 2 Cu Conductors, Stranded
- ▶ Weatherproof PVC Jacket with Polarity Ribs
- ▶ -20°C to 60°C Operating Temp.
- ▶ In Wooden Reels

Cat. No.	Description	AWG	Jacket Color	Length/ Pkg. (ft.)	Weight/ Pkg. (lbs.)
LVC-14	14/2 Low-Voltage Direct Burial Cable	14-2	Black	500	29.20
LVC-12	12/2 Low-Voltage Direct Burial Cable	12-2	Black	500	32.20
LVC-12-W	12/2 Low-Voltage Direct Burial Cable	12-2	White	500	36.45
LVC-10	10/2 Low-Voltage Direct Burial Cable	10-2	Black	500	49.65
LVC-8	8/2 Low-Voltage Direct Burial Cable	8-2	Black	500	79.25
LVC-16	16/2 Low-Voltage Direct Burial Cable	16-2	Black	500	14.75



P PREFAB PRODUCTS



F EXIT & EMERGENCY LIGHTING



A ELECTRICAL BOXES, COVERS & ACCESORIES



G LANDSCAPE LIGHTING



B NEMA ENCLOSURES



H LINE VOLTAGE LIGHTING



C WEATHERPROOF PRODUCTS



I LED LIGHTING



D ELECTRICAL FITTINGS



J VENTILATION FANS



E WIRING DEVICES



K CABLE & WIRE



Industry Code | **W**
Cross Reference | **X**
Product Index | **Y**

GENERAL

This category covers metallic mud rings, flush device boxes, conduit bodies, conduit boxes, floor boxes, outlet boxes, outlet box hoods, special-purpose boxes, extension rings, covers, and cover plates for flush-mounted wiring devices, intended for installation in accordance with Article 314 of ANSI/NFPA 70, "National Electrical Code" (NEC). These products are also intended for installation and use in accordance with the following information.

MUD RINGS

A mud ring positions a flush-mounted wiring device flush with the finished wall surface. Mud rings may be provided with either a fixed or adjustable depth sleeve.

EXTENSION RINGS

Extension rings are suitable for extending properly secured flush- or surface-mounted boxes. One or more extensions may be used. An extension ring is intended to increase the box depth, volume, or both.

USE IN FIRE-RATED ASSEMBLIES

Certified single- and double-gang metallic outlet and switch boxes with metallic or nonmetallic cover plates may be used in bearing and nonbearing wood stud and steel stud walls with ratings not exceeding 2 h. These walls have gypsum wallboard facings similar to those shown in Design Nos. U301, U411 and U425, as covered under Fire Resistance Ratings - ANSI/UL 263 (BXUV). The boxes are intended to be fastened to the studs with the openings in the wallboard facing cut so that the clearance between the boxes and the wallboard does not exceed 1/8 in. The boxes are intended to be installed so that the surface area of individual boxes does not exceed 16 sq in, and the aggregate surface area of the boxes does not exceed 100 sq in per 100 sq ft of wall surface.

Boxes located on opposite sides of walls or partitions are intended to be separated by a minimum horizontal distance of 24 in. This minimum separation distance between the boxes may be reduced when Wall-opening Protective Materials (QCSN) are installed according to the requirements of their certification.

The boxes are not intended to be installed on opposite sides of walls or partitions of staggered stud construction unless Wall-opening Protective Materials (QCSN) are installed with the boxes in accordance with certification requirements for the protective materials.

Certified metallic outlet and switch boxes with metallic or nonmetallic cover plates may be used in floor-ceiling and roof-ceiling assemblies with ratings not exceeding 2 h when these assemblies have gypsum wallboard membranes. The boxes are intended to be fastened to the joists with the openings in the wallboard facing cut so that the clearance between the boxes and the gypsum wallboard does not exceed 1/8 in. The boxes are intended to be installed so that the surface area of individual boxes does not exceed 16 sq in, and the aggregate surface area of the boxes does not exceed 100 sq in per 100 sq ft of ceiling surface.

CONDUIT BODIES

Conduit bodies that are provided with a volume marking can enclose splices, taps or devices. Conduit bodies that are not provided with a volume marking are covered under Conduit Fittings (DWTT). Conduit bodies certified for use with specific conduit body covers and conduit body covers certified for use with specific conduit bodies are covered under Conduit Bodies and Covers Certified for Use with Specified Equipment (QCKW).

Conduit bodies that have been investigated for a specific combination of conductors are marked, on the conduit body or on or within the unit container of the conduit body, with the maximum number and maximum size of the conductors for which they are intended. For other conductor sizes and combinations, the total cross-sectional area of the fill should not exceed the cross-sectional area of the conductors specified in the marking. The total cross-sectional area is determined using the following type of conductor:

- a) Type THHN or T90 Nylon for a fitting for use with 1/2 or 3/4 (16 or 21) trade size conduit or tubing, and

- b) Type XHHW or RW90 XLPE for a fitting for use with 1 - 4 (27 - 103) trade size tubing and for use with 1 - 6 (27 - 155) trade size conduit.

CONCENTRIC OR ECCENTRIC KNOCKOUTS

All boxes with concentric or eccentric knockouts have been investigated for bonding and are suitable for bonding without any additional bonding means around concentric (or eccentric) knockouts where used in circuits above or below 250 V, and may be marked as such.

CLAMPS

Boxes may or may not be provided with clamps. When clamps are provided, the carton is marked to indicate the type of wiring system or combination of systems for which they have been tested. The clamps are marked with the following letters or combinations thereof to indicate that they are suitable for use with armored cable ("A"); flexible metal conduit - "F," nonmetallic-sheathed cable - "N," or flexible tubing (loom) - "T." Clamps suitable for Type MC metal-clad cable are marked "MCI" for metal-clad interlocking armored cable, "MCI-A" for metal-clad interlocking armor ground cable, "MCS" for metal-clad continuous smooth-sheath cable, and "MCC" for metal-clad continuous corrugated-sheath cable. If suitable for all seven types, the clamp is marked "ALL." Clamps suitable for nonmetallic-sheathed cable are also suitable for multiconductor underground feeder and branch circuit cable where used in dry locations.

Clamps have been tested for securing only one cable per clamp, except multiple section clamps are considered suitable for securing one cable under each section of the clamp, each cable entering a separate knockout.

GROUNDING

Clamps for armored cable, flexible metal conduit, metal-clad interlocking armor ground cable, metal-clad continuous smooth-sheath cable, or metal-clad continuous corrugated-sheath cable are considered suitable for grounding where installed in accordance with the NEC.

FIXTURE/LUMINAIRE SUPPORT

A box, with or without a bracket or bar hanger, intended for support of a fixture/luminaire weighing 50 lbs or less is marked "FOR FIXTURE/LUMINAIRE SUPPORT" on the carton to indicate that the box is intended for fixture/luminaire support. A box, with or without a bracket or bar hanger, intended for support of a fixture/luminaire weighing more than 50 lbs is marked with the weight of the fixture/luminaire to be supported. Metallic device boxes and device plaster rings have not been investigated for support of a ceiling fixture/luminaire unless marked for use in ceilings, walls, and with the weight of the product to be supported. Metallic device boxes or metallic device boxes intended to be installed in an existing structure have been investigated for the support of utilization equipment weighing not more than 6 lbs.

INTEGRAL CONNECTORS

Boxes with integral connectors for electrical metallic tubing or for unthreaded rigid metallic conduit are provided with a marking on the carton to indicate the specific type or types of wiring system for which the boxes have been tested.

CEILING-SUSPENDED-FAN SUPPORT

A box, or a box with a bracket or bar hanger intended for support of a ceiling-suspended (paddle) fan weighing 35 lbs or less is marked "ACCEPTABLE FOR FAN SUPPORT" on the product. A box, or a box with a bracket or bar hanger intended for support of a ceiling-suspended (paddle) fan weighing more than 35 lbs but not more than 70 lbs is marked "ACCEPTABLE FOR FAN SUPPORT OF 70 LBS OR LESS" on the product. A box, or a box with a bracket or bar hanger intended for support of a ceiling-suspended (paddle) fan is acceptable for use with a fixture/luminaire when provided with the above fixture/luminaire-support markings.

CONCRETE TIGHT

All metal boxes, except aluminum alloy boxes, are provided with corrosion protection suitable for installation in concrete. Aluminum alloy boxes covered under this category are not considered acceptable for installation in concrete or cinder fill unless protected by asphalt paint or the equivalent. Boxes designated as "concrete tight" may have no means of support other than the concrete and often accommodate covers at top and bottom.

FLOOR BOXES

Floor boxes designed for floor installation as covered in the NEC are provided with covers and gaskets to exclude surface water and sweeping compounds that might be present in floor cleaning operations. Covers with gaskets may be shipped separately from the boxes. Both products are provided with installation instructions. Those boxes intended for installation in concrete floors are frequently provided with leveling screws, threaded hubs or both, and are provided with a marking on the carton to identify boxes of this type such as "Floor Box Cover," "Floor Box" or "Floor Box, Concrete Tight," as appropriate. Floor boxes may be provided with wiring devices. Refer to **WET AND DAMP LOCATIONS** below for clarifying information on the suitability of concrete-tight floor boxes not intended to be exposed to weather that are installed in concrete slabs or masonry.

WET AND DAMP LOCATIONS

Boxes and covers intended for use in wet locations as defined by the NEC are marked "Wet Location." Damp location boxes and covers are intended to be so located or equipped as to prevent water from entering or accumulating in the box and are marked "Damp Location." Boxes with threaded conduit hubs will normally prevent water from entering except for condensation within the box or connected conduit. Box and device cover combinations, and flush device covers that provide protection from the weather only when the cover is closed, are marked "Wet Location Only When Cover Closed" and may be marked "Damp Location." Outlet box hoods intended for use in damp or wet locations are marked for each location and may be marked "Extra-Duty."

Floor boxes designated as "concrete tight" installed in concrete slabs or masonry are not considered to be in wet locations when the following conditions are met:

1. a vapor barrier is installed between the earth and a concrete slab or masonry (i.e., the concrete slab or masonry is not in direct contact with the earth),
2. the floor box is protected from exposure to weather within a building as defined by the NEC, and
3. the concrete slab or masonry above the vapor barrier is not subject to saturation by water or other liquids.

ENVIRONMENTAL INSTALLATION

Boxes may be marked with the environmental Enclosure Type number (1, 2, 3, 3R, etc.) as described in Electrical Equipment for Use in Ordinary Locations ([AALZ](#)).

Boxes marked with Enclosure Type 3X or "Corrosion Protection" provide the same level of protection as Type 3 enclosures, and are provided with an additional level of corrosion protection for the enclosure.

RELATED PRODUCTS

Outlet box assemblies that include certified outlet boxes and one or more of the following certified parts: wiring device, mud ring, cover plate, wet-location gasket and cover plate, wet-location gasket and outlet box hood, or other factory-assembled parts, are covered under Wiring Assemblies ([QQYZ](#)).

ADDITIONAL INFORMATION

For additional information, see Electrical Equipment for Use in Ordinary Locations ([AALZ](#)).

REQUIREMENTS

The basic standards used to investigate products in this category are [ANSI/UL 514A](#), "Metallic Outlet Boxes," and [ANSI/UL 514D](#), "Cover Plates for Flush-Mounted Wiring Devices."

UL MARK

The Certification Mark of UL on the product, or the UL symbol on the product and the Certification Mark on the smallest unit container in which the product is packaged is the only method provided by UL to identify products manufactured under its Certification and Follow-Up Service. The [Certification Mark](#) for these products includes the UL symbol, the words "CERTIFIED" and "SAFETY," the geographic identifier(s), and a file number.

Alternate UL Mark

The Listing Mark of UL on the product, or the UL symbol on the product and the Listing Mark on the smallest unit container in which the product is packaged is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service. The Listing Mark for these products includes the UL symbol (as illustrated in the Introduction of this Directory) together with the word "LISTED," a control number, and one of the following product names: "Outlet Box," "Outlet Box and Cover," "Extension Ring," "Flush Device Box," or other appropriate product name as shown in the individual Listings.

UL, in performing its functions in accordance with its objectives, does not assume or undertake to discharge any responsibility of the manufacturer or any other party. UL shall not incur any obligation or liability for any loss, expense or damages, including incidental or consequential damages, arising out of or in connection with the use, interpretation of, or reliance upon this Guide Information.

ARTICLE 100 DEFINITIONS

Accessible (as applied to wiring methods). Capable of being removed or exposed without damaging the building structure or finish or not permanently closed in by the structure or finish of the building.

Ampacity. The maximum current, in amperes, that a conductor can carry continuously under the conditions of use without exceeding its temperature rating.

Approved. Acceptable to the authority having jurisdiction.

Authority Having Jurisdiction (AHJ). An organization, office, or individual responsible for enforcing the requirements of a code or standard, or for approving equipment, materials, an installation, or a procedure.

Informational Note: The phrase "authority having jurisdiction," or its acronym AHJ, is used in NFPA documents in a broad manner, since jurisdictions and approval agencies vary, as do their responsibilities. Where public safety is primary, the authority having jurisdiction may be a federal, state, local, or other regional department or individual such as a fire chief; fire marshal; chief of a fire prevention bureau, labor department, or health department; building official; electrical inspector; or others having statutory authority. For insurance purposes, an insurance inspection department, rating bureau, or other insurance company representative may be the authority having jurisdiction. In many circumstances, the property owner or his or her designated agent assumes the role of the authority having jurisdiction; at government installations, the commanding officer or departmental official may be the authority having jurisdiction.

Bonded (Bonding). Connected to establish electrical continuity and conductivity.

Bonding Conductor or Jumper. A reliable conductor to ensure the required electrical conductivity between metal parts required to be electrically connected.

Branch Circuit. The circuit conductors between the final over-current device protecting the circuit and the outlet(s).

Branch Circuit, Appliance. A branch circuit that supplies energy to one or more outlets to which appliances are to be connected and that has no permanently connected luminaires that are not a part of an appliance.

Branch Circuit, General-Purpose. A branch circuit that supplies two or more receptacles or outlets for lighting and appliances.

Conduit Body. A separate portion of a conduit or tubing system that provides access through a removable cover(s) to the interior of the system at a junction of two or more sections of the system or at a terminal point of the system.

Boxes such as FS and FD or larger cast or sheet metal boxes are not classified as conduit bodies.

Connector, Pressure (Solderless). A device that establishes a connection between two or more conductors or between one or more conductors and a terminal by means of mechanical pressure and without the use of solder.

Continuous Load. A load where the maximum current is expected to continue for 3 hours or more.

Device. A unit of an electrical system, other than a conductor, that carries or controls electric energy as its principal function.

Electric Sign. A fixed, stationary, or portable self-contained, electrically operated and/or electrically illuminated utilization equipment with words or symbols designed to convey information or attract attention.

Enclosed. Surrounded by a case, housing, fence, or wall(s) that prevents persons from accidentally contacting energized parts.

Equipment. A general term, including fittings, devices, appliances, luminaires, apparatus, machinery, and the like used as a part of, or in connection with, an electrical installation.

Feeder. All circuit conductors between the service equipment, the source of a separately derived system, or other power supply source and the final branch-circuit overcurrent device.

Fitting. An accessory such as a locknut, bushing, or other part of a wiring system that is intended primarily to perform a mechanical rather than an electrical function.

Grounded (Grounding). Connected (connecting) to ground or to a conductive body that extends the ground connection.

Grounded Conductor. A system or circuit conductor that is intentionally grounded.

Ground-Fault Circuit Interrupter (GFCI). A device intended for the protection of personnel that functions to de-energize a circuit or portion thereof within an established period of time when a current to ground exceeds the values established for a Class A device.

Informational Note: Class A ground-fault circuit interrupters trip when the current to ground is 6 mA or higher and do not trip when the current to ground is less than 4 mA. For further information, see UL 943, *Standard for Ground-Fault Circuit Interrupters*.

Grounding Conductor, Equipment (EGC). The conductive path(s) that provides a ground-fault current path and connects normally non-current-carrying metal parts of equipment together and to the system grounded conductor or to the grounding electrode conductor, or both.

Informational Note No. 1: It is recognized that the equipment grounding conductor also performs bonding.
Informational Note No. 2: See 250.118 for a list of acceptable equipment grounding conductors.

Grounding Electrode. A conducting object through which a direct connection to earth is established.

Grounding Electrode Conductor. A conductor used to connect the system grounded conductor or the equipment to a grounding electrode or to a point on the grounding electrode system.

Lighting Outlet. An outlet intended for the direct connection of a lampholder or luminaire.

Listed. Equipment, materials, or services included in a list published by an organization that is acceptable to the authority having jurisdiction and concerned with evaluation of products or services, that maintains periodic inspection of production of listed equipment or materials or periodic evaluation of services, and whose listing states that either the equipment, material, or service meets appropriate designated standards or has been tested and found suitable for a specified purpose.

Informational Note: The means for identifying listed equipment may vary for each organization concerned with product evaluation, some of which do not recognize equipment as listed unless it is also labeled. Use of the system employed by the listing organization allows the authority having jurisdiction to identify a listed product.

Location, Damp. Locations protected from weather and not subject to saturation with water or other liquids but subject to moderate degrees of moisture.

Informational Note: Examples of such locations include partially protected locations under canopies, marquees, roofed open porches, and like locations, and interior locations subject to moderate degrees of moisture, such as some basements, some barns, and some cold-storage warehouses.

Location, Dry. A location not normally subject to dampness or wetness. A location classified as dry may be temporarily subject to dampness or wetness, as in the case of a building under construction.

Location, Wet. Installations underground or in concrete slabs or masonry in direct contact with the earth; in locations subject to saturation with water or other liquids, such as vehicle washing areas; and in unprotected locations exposed to weather.

Luminaire. A complete lighting unit consisting of a light source such as a lamp or lamps, together with the parts designed to position the light source and connect it to the power supply. It may also include parts to protect the light source or the ballast or to distribute the light. A lampholder itself is not a luminaire.

Neutral Conductor. The conductor connected to the neutral point of a system that is intended to carry current under normal conditions.

Outlet. A point on the wiring system at which current is taken to supply utilization equipment.

Overcurrent. Any current in excess of the rated current of equipment or the ampacity of a conductor. It may result from overload, short circuit, or ground fault.

Informational Note: A current in excess of rating may be accommodated by certain equipment and conductors for a given set of conditions. Therefore, the rules for overcurrent protection are specific for particular situations.

Overload. Operation of equipment in excess of normal, full-load rating, or of a conductor in excess of rated ampacity that, when it persists for a sufficient length of time, would cause damage or dangerous overheating. A fault, such as a short circuit or ground fault, is not an overload.

Panelboard. A single panel or group of panel units designed for assembly in the form of a single panel, including buses and automatic overcurrent devices, and equipped with or without switches for the control of light, heat, or power circuits; designed to be placed in a cabinet or cutout box placed in or against a wall, partition, or other support; and accessible only from the front.

Photovoltaic (PV) System. The total components and subsystem that, in combination, convert solar energy into electric energy for connection to a utilization load.

Plenum. A compartment or chamber to which one or more air ducts are connected and that forms part of the air distribution system.

Power Outlet. An enclosed assembly that may include receptacles, circuit breakers, fuseholders, fused switches, buses, and watt-hour meter mounting means; intended to supply and control power to mobile homes, recreational vehicles, park trailers, or boats or to serve as a means for distributing power required to operate mobile or temporarily installed equipment.

Qualified Person. One who has skills and knowledge related to the construction and operation of the electrical equipment and installations and has received safety training to recognize and avoid the hazards involved.

Informational Note: Refer to NFPA 70E-2012, *Standard for Electrical Safety in the Workplace*, for electrical safety training requirements.

Raceway. An enclosed channel designed expressly for holding wires, cables, or busbars, with additional functions as permitted in this Code.

Informational Note: A raceway is identified within specific article definitions.

Raintight. Constructed or protected so that exposure to a beating rain will not result in the entrance of water under specified test conditions.

Receptacle. A contact device installed at the outlet for the connection of an attachment plug, or for the direct connection of electrical utilization equipment designed to mate with the corresponding contact device. A single receptacle is a single contact device with no other contact device on the same yoke. A multiple receptacle is two or more contact devices on the same yoke.

Receptacle Outlet. An outlet where one or more receptacles are installed.

Switch, General-Use. A switch intended for use in general distribution and branch circuits. It is rated in amperes, and it is capable of interrupting its rated current at its rated voltage.

Switch, General-Use Snap. A form of general-use switch constructed so that it can be installed in device boxes or on box covers, or otherwise used in conjunction with wiring systems recognized by this Code.

Voltage (of a circuit). The greatest root-mean-square (rms) (effective) difference of potential between any two conductors of the circuit concerned.

Informational Note: Some systems, such as 3-phase 4-wire, single-phase 3-wire, and 3-wire direct current, may have various circuits of various voltages.

Voltage, Nominal. A nominal value assigned to a circuit or system for the purpose of conveniently designating its voltage class (e.g., 120/240 volts, 480Y/277 volts, 600 volts.)

Informational Note No. 1: The actual voltage at which a circuit operates can vary from the nominal within a range that permits satisfactory operation of equipment. Informational Note No. 2: See ANSI C84.1-2011, *Voltage Ratings for Electric Power Systems and Equipment* (60 Hz).

Informational Note No. 3: Certain battery units may be considered to be rated at nominal 48 volts dc, but may have a charging float voltage up to 58 volts. In dc applications, 60 volts is used to cover the entire range of float voltages.

Voltage to Ground. For grounded circuits, the voltage between the given conductor and that point or conductor of the circuit that is grounded; for ungrounded circuits, the greatest voltage between the given conductor and any other conductor of the circuit.

Watertight. Constructed so that moisture will not enter the enclosure under specified test conditions.

Weatherproof. Constructed or protected so that exposure to the weather will not interfere with successful operation.

Informational Note: Rainproof, raintight, or watertight equipment can fulfill the requirements for weatherproof where varying weather conditions other than wetness, such as snow, ice, dust, or temperature extremes, are not a factor.

210.8 Ground-Fault Circuit-Interrupter Protection for Personnel. Ground-fault circuit-interrupter protection for personnel shall be provided as required in 210.8(A) through (E). The ground-fault circuit interrupter shall be installed in a readily accessible location.

Informational Note: See 215.9 for ground-fault circuit-interrupter protection for personnel on feeders.
Informational Note No. 2: See 422.5(A) for GFCI requirements for appliances.

(A) Dwelling Units. All 125-volt, single-phase, 15- and 20-ampere receptacles installed in the locations specified in 210.8(A)(1) through (10) shall have ground-fault circuit-interrupter protection for personnel.

- (1) Bathrooms
- (2) Garages, and also accessory buildings that have a floor located at or below grade level not intended as habitable rooms and limited to storage areas, work areas, and areas of similar use

(3) Outdoors

Exception to (3): Receptacles that are not readily accessible and are supplied by a branch circuit dedicated to electric snow-melting, deicing, or pipeline and vessel heating equipment shall be permitted to be installed in accordance with 426.28 or 427.22, as applicable.

(4) Crawl spaces — at or below grade level

(5) Unfinished portions or areas of the basement not intended as habitable rooms

Exception to (5): A receptacle supplying only a permanently installed fire alarm or burglar alarm system shall not be required to have ground-fault circuit-interrupter protection.

Informational Note: See 760.41(B) and 760.121(B) for power supply requirements for fire alarm systems.

Receptacles installed under the exception to 210.8(A)(5) shall not be considered as meeting the requirements of 210.52(G).

- (6) Kitchens — where the receptacles are installed to serve the countertop surfaces
- (7) Sinks — where receptacles are installed within 1.8 m (6 ft) from the top inside edge of the bowl of the sink
- (8) Boathouses
- (9) Bathtubs or shower stalls — where receptacles are installed within 1.8 m (6 ft) of the outside edge of the bathtub or shower stall
- (10) Laundry areas

(B) Other Than Dwelling Units. All single-phase receptacles rated 150 volts to ground or less, 50 amperes or less and three-phase receptacles rated 150 volts to ground or less, 100 amperes or less installed in the following locations shall have ground-fault circuit-interrupter protection for personnel.

- (1) Bathrooms
- (2) Kitchens
- (3) Rooftops

Exception No. 1 to (3): Receptacles on rooftops shall not be required to be readily accessible other than from the rooftop.

(4) Outdoors

Exception No. 1 to (3) and (4): Receptacles that are not readily accessible and are supplied by a branch circuit dedicated to electric snow-melting, deicing, or pipeline and vessel heating equipment shall be permitted to be installed in accordance with 426.28 or 427.22, as applicable.

Exception No. 2 to (4): In industrial establishments only, where the conditions of maintenance and supervision ensure that only qualified personnel are involved, an assured equipment grounding conductor program as specified in 590.6(B)(3) shall be permitted for only those receptacle outlets used to supply equipment that would create a greater hazard if power is interrupted or having a design that is not compatible with GFCI protection.

(5) Sinks — where receptacles are installed within 1.8 m (6 ft) from the top inside edge of the bowl of the sink

Exception No. 1 to (5): In industrial laboratories, receptacles used to supply equipment where removal of power would introduce a greater hazard shall be permitted to be installed without GFCI protection.

Exception No. 2 to (5): For receptacles located in patient bed locations of general care (Category 2) or critical care (Category 1) spaces of health care facilities other than those covered under 210.8(B)(1), GFCI protection shall not be required.

- (6) Indoor wet locations
- (7) Locker rooms with associated showering facilities
- (8) Garages, service bays, and similar areas other than vehicle exhibition halls and showrooms
- (9) Crawl spaces — at or below grade level
- (10) Unfinished portions or areas of the basement not intended as habitable rooms

(C) Boat Hoists. GFCI protection shall be provided for outlets not exceeding 240 volts that supply boat hoists installed in dwelling unit locations.

(D) Kitchen Dishwasher Branch Circuit. GFCI protection shall be provided for outlets that supply dishwashers installed in dwelling unit locations.

(E) Crawl Space Lighting Outlets. GFCI protection shall be provided for lighting outlets not exceeding 120 volts installed in crawl spaces.

210.11 Branch Circuits Required

Branch circuits for lighting and for appliances, including motor-operated appliances, shall be provided to supply the loads calculated in accordance with 220.10. In addition, branch circuits shall be provided for specific loads not covered by 220.10 where required elsewhere in this Code and for dwelling unit loads as specified in 210.11(C).

(A) Number of Branch Circuits. The minimum number of branch circuits shall be determined from the total calculated load and the size or rating of the circuits used. In all installations, the number of circuits shall be sufficient to supply the load served. In no case shall the load on any circuit exceed the maximum specified by 220.18.

(B) Load Evenly Proportioned Among Branch Circuits. Where the load is calculated on the basis of volt-amperes per square meter or per square foot, the wiring system up to and including the branch-circuit panelboard(s) shall be provided to serve not less than the calculated load. This load shall be evenly proportioned among multioutlet branch circuits within the panelboard(s). Branch-circuit overcurrent devices and circuits shall be required to be installed only to serve the connected load.

(C) Dwelling Units.

(1) Small-Appliance Branch Circuits. In addition to the number of branch circuits required by other parts of this section, two or more 20-ampere small-appliance branch circuits shall be provided for all receptacle outlets specified by 210.52(B).

(2) Laundry Branch Circuits. In addition to the number of branch circuits required by other parts of this section, at least one additional 20-ampere branch circuit shall be provided to supply the laundry receptacle outlet(s) required by 210.52(F). This circuit shall have no other outlets.

(3) Bathroom Branch Circuits. In addition to the number of branch circuits required by other parts of this section, at least one 120-volt, 20-ampere branch circuit shall be provided to supply the bathroom(s) receptacle outlet(s). Such circuits shall have no other outlets.

Exception: Where the 20-ampere circuit supplies a single bathroom, outlets for other equipment within the same bathroom shall be permitted to be supplied in accordance with 210.23(A)(1) and (A)(2).

(4) Garage Branch Circuits. In addition to the number of branch circuits required by other parts of this section, at least one 120-volt, 20-ampere branch circuit shall be installed to supply receptacle outlets in attached garages and in detached garages with electric power. This circuit shall have no other outlets.

Exception: This circuit shall be permitted to supply readily accessible outdoor receptacle outlets.

210.12 Arc-Fault Circuit-Interrupter Protection

Arc-fault circuit-interrupter protection shall be provided as required in 210.12(A) (B), and (C). The arc-fault circuit interrupter shall be installed in a readily accessible location.

(A) Dwelling Units. All 120-volt, single-phase, 15- and 20-ampere branch circuits supplying outlets or devices installed in dwelling unit kitchens, family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, laundry areas, or similar rooms or areas shall be protected by any of the means described in 210.12(A), (1) through (6):

- (1)** A listed combination-type arc-fault circuit interrupter, installed to provide protection of the entire branch circuit
- (2)** A listed branch-feeder-type AFCI installed at the origin of the branch-circuit in combination with a listed outlet branch-circuit type arc-fault circuit interrupter installed at the first outlet box on the branch circuit. The first outlet box in the branch circuit shall be marked to indicate that it is the first outlet of the circuit.
- (3)** A listed supplemental arc protection circuit breaker installed at the origin of the branch circuit in combination with a listed outlet branch-circuit type arc-fault circuit interrupter installed at the first outlet box on the branch circuit where all of the following conditions are met:
 - a.** The branch-circuit wiring shall be continuous from the branch-circuit overcurrent device to the outlet branch-circuit arc-fault circuit interrupter.
 - b.** The maximum length of the branch-circuit wiring from the branch-circuit overcurrent device to the first outlet shall not exceed 15.2 m (50 ft) for a 14 AWG conductor or 21.3 m (70 ft) for a 12 AWG conductor.
 - c.** The first outlet box in the branch circuit shall be marked to indicate that it is the first outlet of the circuit.
- (4)** A listed outlet branch-circuit type arc-fault circuit interrupter installed at the first outlet on the branch circuit in combination with a listed branch-circuit overcurrent protective device where all of the following conditions are met:
 - a.** The branch-circuit wiring shall be continuous from the branch-circuit overcurrent device to the outlet branch-circuit arc-fault circuit interrupter.
 - b.** The maximum length of the branch-circuit wiring from the branch-circuit overcurrent device to the first outlet shall not exceed 15.2 m (50 ft) for a 14 AWG conductor or 21.3 m (70 ft) for a 12 AWG conductor.
 - c.** The first outlet box in the branch circuit shall be marked to indicate that it is the first outlet of the circuit.
 - d.** The combination of the branch-circuit overcurrent device and outlet branch-circuit AFCI shall be identified as meeting the requirements for a system combination-type AFCI and shall be listed as such.

(5) If RMC, IMC, EMT, Type MC, or steel-armored Type AC cables meeting the requirements of 250.118, metal wire-ways, metal auxiliary gutters, and metal outlet and junction boxes are installed for the portion of the branch circuit between the branch-circuit overcurrent device and the first outlet, it shall be permitted to install a listed outlet branch-circuit type AFCI at the first outlet to provide protection for the remaining portion of the branch circuit.

(6) Where a listed metal or nonmetallic conduit or tubing or Type MC cable is encased in not less than 50 mm (2 in.) of concrete for the portion of the branch circuit between the branch-circuit overcurrent device and the first outlet, it shall be permitted to install a listed outlet branch-circuit type AFCI at the first outlet to provide protection for the remaining portion of the branch circuit.

Exception: Where an individual branch circuit to a fire alarm system installed in accordance with 760.41(B) or 760.121(B) is installed in RMC, IMC, EMT, or steel-sheathed cable, Type AC or Type MC, meeting the requirements of 250.118, with metal outlet and junction boxes, AFCI protection shall be permitted to be omitted.

(B) Dormitory Units. All 120-volt, single-phase, 15- and 20-ampere branch circuits supplying outlets and devices installed in dormitory unit bedrooms, living rooms, hallways, closets, bathrooms, and similar rooms shall be protected by any of the means described in 210.12(A)(1) through (6).

(C) Guest Rooms and Guest Suites. All 120-volt, single-phase, 15- and 20-ampere branch circuits supplying outlets and devices installed in guest rooms and guest suites of hotels and motels shall be protected by any of the means described in 210.12(A)(1) through (6).

(D) Branch Circuit Extensions or Modifications — Dwelling Units and Dormitory Units. In any of the areas specified in 210.12(A) or (B), where branch-circuit wiring is modified, replaced, or extended, the branch circuit shall be protected by one of the following:

- (1)** A listed combination-type AFCI located at the origin of the branch circuit
- (2)** A listed outlet branch-circuit-type AFCI located at the first receptacle outlet of the existing branch circuit

Exception: AFCI protection shall not be required where the extension of the existing conductors is not more than 1.8 m (6 ft) and does not include any additional outlets or devices.

210.50 General

Receptacle outlets shall be installed as specified in 210.52 through 210.64.

Informational Note: See Informative Annex J for information regarding ADA accessibility design.

(A) Cord Pendants. A cord connector that is supplied by a permanently connected cord pendant shall be considered a receptacle outlet.

(B) Cord Connections. A receptacle outlet shall be installed wherever flexible cords with attachment plugs are used. Where flexible cords are permitted to be permanently connected, receptacles shall be permitted to be omitted for such cords.

(C) Appliance Receptacle Outlets. Appliance receptacle outlets installed in a dwelling unit for specific appliances, such as laundry equipment, shall be installed within 1.8 m (6 ft) of the intended location of the appliance.

210.52 Dwelling Unit Receptacle Outlets

This section provides requirements for 125-volt, 15- and 20-ampere receptacle outlets. The receptacles required by this section shall be in addition to any receptacle that is:

- (1) Part of a luminaire or appliance, or
- (2) Controlled by a wall switch in accordance with 210.70(A) (1), Exception No. 1, or
- (3) Located within cabinets or cupboards, or
- (4) Located more than 1.7 m (5½ ft) above the floor

Permanently installed electric baseboard heaters equipped with factory-installed receptacle outlets or outlets provided as a separate assembly by the manufacturer shall be permitted as the required outlet or outlets for the wall space utilized by such permanently installed heaters. Such receptacle outlets shall not be connected to the heater circuits.

Informational Note: Listed baseboard heaters include instructions that may not permit their installation below receptacle outlets.

(A) General Provisions. In every kitchen, family room, dining room, living room, parlor, library, den, sunroom, bedroom, recreation room, or similar room or area of dwelling units, receptacle outlets shall be installed in accordance with the general provisions specified in 210.52(A)(1) through (A)(4).

- (1) **Spacing.** Receptacles shall be installed such that no point measured horizontally along the floor line of any wall space is more than 1.8 m (6 ft) from a receptacle outlet.
- (2) **Wall Space.** As used in this section, a wall space shall include the following:
 - (1) Any space 600 mm (2 ft) or more in width (including space measured around corners) and unbroken along the floor line by doorways and similar openings, fireplaces, and fixed cabinets that do not have countertops or similar work surfaces
 - (2) The space occupied by fixed panels in walls, excluding sliding panels
 - (3) The space afforded by fixed room dividers, such as freestanding bar-type counters or railings
- (3) **Floor Receptacles.** Receptacle outlets in or on floors shall not be counted as part of the required number of receptacle outlets unless located within 450 mm (18 in.) of the wall.

(4) Countertop and Similar Work Surface Receptacle Outlets. Receptacles installed for countertop and similar work surfaces as specified in 210.52(C) shall not be considered as the receptacle outlets required by 210.52(A).

(B) Small Appliances.

- (1) **Receptacle Outlets Served.** In the kitchen, pantry, breakfast room, dining room, or similar area of a dwelling unit, the two or more 20-ampere small-appliance branch circuits required by 210.11(C)(1) shall serve all wall and floor receptacle outlets covered by 210.52(A), all countertop outlets covered by 210.52(C), and receptacle outlets for refrigeration equipment.

Exception No. 1: In addition to the required receptacles specified by 210.52, switched receptacles supplied from a general-purpose branch circuit as defined in 210.70(A)(1), Exception No. 1, shall be permitted.

Exception No. 2: In addition to the required receptacles specified by 210.52, a receptacle outlet to serve a specific appliance shall be permitted to be supplied from an individual branch circuit rated 15 amperes or greater.

- (2) **No Other Outlets.** The two or more small-appliance branch circuits specified in 210.52(B)(1) shall have no other outlets.

Exception No. 1: A receptacle installed solely for the electrical supply to and support of an electric clock in any of the rooms specified in 210.52(B)(1).

Exception No. 2: Receptacles installed to provide power for supplemental equipment and lighting on gas-fired ranges, ovens, or counter-mounted cooking units.

- (3) **Kitchen Receptacle Requirements.** Receptacles installed in a kitchen to serve countertop surfaces shall be supplied by not fewer than two small-appliance branch circuits, either or both of which shall also be permitted to supply receptacle outlets in the same kitchen and in other rooms specified in 210.52(B)(1). Additional small-appliance branch circuits shall be permitted to supply receptacle outlets in the kitchen and other rooms specified in 210.52(B)(1). No small-appliance branch circuit shall serve more than one kitchen.

(C) Countertops and Work Surfaces. In kitchens, pantries, breakfast rooms, dining rooms, and similar areas of dwelling units, receptacle outlets for countertop and work surfaces shall be installed in accordance with 210.52(C)(1) through (C)(5).

- (1) **Wall Countertop and Work Surface.** A receptacle outlet shall be installed at each wall countertop and work surface that is 300 mm (12 in.) or wider. Receptacle outlets shall be installed so that no point along the wall line is more than 600 mm (24 in.) measured horizontally from a receptacle outlet in that space.

Exception: Receptacle outlets shall not be required on a wall directly behind a range, counter-mounted cooking unit, or sink in the installation described in Figure 210.52(C)(1).

- (2) **Island Countertop Spaces.** At least one receptacle shall be installed at each island countertop space with a long dimension of 600 mm (24 in.) or greater and a short dimension of 300 mm (12 in.) or greater.
- (3) **Peninsular Countertop Spaces.** At least one receptacle outlet shall be installed at each peninsular countertop long dimension space with a long dimension of 600 mm (24 in.) or greater and a short dimension of 300 mm (12 in.) or greater. A peninsular countertop is measured from the connected perpendicular wall.

- (4) **Separate Spaces.** Countertop spaces separated by rangetops, refrigerators, or sinks shall be considered as separate countertop spaces in applying the requirements of 210.52(C)(1). If a range, counter-mounted cooking unit, or sink is installed in an island or peninsular countertop and the depth of the countertop behind the range, counter-mounted cooking unit, or sink is less than 300 mm (12 in.), the range, counter-mounted cooking unit, or sink shall be considered to divide the countertop space into two separate countertop spaces. Each separate countertop space shall comply with the applicable requirements in 210.52(C).

- (5) **Receptacle Outlet Location.** Receptacle outlets shall be located on or above, but not more than 500 mm (20 in.) above, the countertop or work surface. Receptacle outlet assemblies listed for use in countertops or work surfaces shall be permitted to be installed in countertops or work surfaces. Receptacle outlets rendered not readily accessible by appliances fastened in place, appliance garages, sinks, or rangetops as covered in 210.52(C)(1), Exception, or appliances occupying dedicated space shall not be considered as these required outlets.

Informational Note: See 406.5(E) and 406.5(G) for requirements for installation of receptacles in countertops and 406.5(F) and 406.5(G) for requirements for installation of receptacles in work surfaces.

Exception to (5): To comply with the following conditions (1) and (2), receptacle outlets shall be permitted to be mounted not more than 300 mm (12 in.) below the countertop or work surface. Receptacles mounted below a countertop or work surface in accordance with this exception shall not be located where the countertop or work surface extends more than 150 mm (6 in.) beyond its support base.

- (1) *Construction for the physically impaired*
- (2) *On island and peninsular countertops or work surface where the surface is flat across its entire surface (no back-splashes, dividers, etc.) and there are no means to mount a receptacle within 500 mm (20 in.) above the countertop or work surface, such as an overhead cabinet*

(D) **Bathrooms.** At least one receptacle outlet shall be installed in bathrooms within 900 mm (3 ft) of the outside edge of each basin. The receptacle outlet shall be located on a wall or partition that is adjacent to the basin or basin countertop, located on the countertop, or installed on the side or face of the basin cabinet. In no case shall the receptacle be located more than 300 mm (12 in.) below the top of the basin. Receptacle outlet assemblies listed for the application shall be permitted to be installed in the countertop.

Informational Note: See 406.5(E) for requirements for installation of receptacles in countertops.

(E) **Outdoor Outlets.** Outdoor receptacle outlets shall be installed in accordance with 210.52(E)(1) through (E)(3).

Informational Note: See 210.8(A)(3).

- (1) **One-Family and Two-Family Dwellings.** For a one-family dwelling and each unit of a two-family dwelling that is at grade level, at least one receptacle outlet readily accessible from grade and not more than 2.0 m (6 1/2 ft) above grade level shall be installed at the front and back of the dwelling.
- (2) **Multifamily Dwellings.** For each dwelling unit of a multifamily dwelling where the dwelling unit is located at grade level and provided with individual exterior entrance/egress, at least one receptacle outlet readily accessible from grade and not more than 2.0 m (6 1/2 ft) above grade level shall be installed.
- (3) **Balconies, Decks, and Porches.** Balconies, decks, and porches that are attached to the dwelling unit and are accessible from inside the dwelling unit shall have at least one receptacle outlet accessible from the balcony, deck, or porch. The receptacle outlet shall not be located more than 2.0 m (6 1/2 ft) above the balcony, deck, or porch walking surface.

(F) **Laundry Areas.** In dwelling units, at least one receptacle outlet shall be installed in areas designated for the installation of laundry equipment.

Exception No. 1: A receptacle for laundry equipment shall not be required in a dwelling unit of a multifamily building where laundry facilities are provided on the premises for use by all building occupants.

Exception No. 2: A receptacle for laundry equipment shall not be required in other than one-family dwellings where laundry facilities are not to be installed or permitted.

(G) **Basements, Garages, and Accessory Buildings.** For a one-family dwelling, at least one receptacle outlet shall be installed in the areas specified in 210.52(G)(1) through (3). These receptacles shall be in addition to receptacles required for specific equipment.

- (1) **Garages.** In each attached garage and in each detached garage with electric power, at least one receptacle outlet shall be installed in each vehicle bay and not more than 1.7 m (5 1/2 ft) above the floor.
- (2) **Accessory Buildings.** In each accessory building with electric power.
- (3) **Basements.** In each separate unfinished portion of a basement.

(H) **Hallways.** In dwelling units, hallways of 3.0 m (10 ft) or more in length shall have at least one receptacle outlet.

As used in this subsection, the hallway length shall be considered the length along the centerline of the hallway without passing through a doorway.

(I) **Foyers.** Foyers that are not part of a hallway in accordance with 210.52(H) and that have an area that is greater than 5.6 m² (60 ft²) shall have a receptacle(s) located in each wall space 900 mm (3 ft) or more in width. Doorways, door-side windows that extend to the floor, and similar openings shall not be considered wall space.

ARTICLE 250 Grounding and Bonding

250.4 General Requirements for Grounding and Bonding. The following general requirements identify what grounding and bonding of electrical systems are required to accomplish. The prescriptive methods contained in Article 250 shall be followed to comply with the performance requirements of this section.

(A) Grounded Systems.

- (1) **Electrical System Grounding.** Electrical systems that are grounded shall be connected to earth in a manner that will limit the voltage imposed by lightning, line surges, or unintentional contact with higher-voltage lines and that will stabilize the voltage to earth during normal operation.

Informational Note No. 1: An important consideration for limiting the imposed voltage is the routing of bonding and grounding electrode conductors so that they are not any longer than necessary to complete the connection without disturbing the permanent parts of the installation and so that unnecessary bends and loops are avoided.

Informational Note No. 2: See NFPA 780-2014, Standard for the Installation of Lightning Protection Systems, for information on installation of grounding and bonding for lightning protection systems.

- (2) **Grounding of Electrical Equipment.** Normally non-current-carrying conductive materials enclosing electrical conductors or equipment, or forming part of such equipment, shall be connected to earth so as to limit the voltage to ground on these materials.

- (3) **Bonding of Electrical Equipment.** Normally non-current-carrying conductive materials enclosing electrical conductors or equipment, or forming part of such equipment, shall be connected together and to the electrical supply source in a manner that establishes an effective ground-fault current path.
- (4) **Bonding of Electrically Conductive Materials and Other Equipment.** Normally non-current-carrying electrically conductive materials that are likely to become energized shall be connected together and to the electrical supply source in a manner that establishes an effective ground-fault current path.
- (5) **Effective Ground-Fault Current Path.** Electrical equipment and wiring and other electrically conductive material likely to become energized shall be installed in a manner that creates a low-impedance circuit facilitating the operation of the over-current device or ground detector for high-impedance grounded systems. It shall be capable of safely carrying the maximum ground-fault current likely to be imposed on it from any point on the wiring system where a ground fault may occur to the electrical supply source. The earth shall not be considered as an effective ground-fault current path.

250.8 Connection of Grounding and Bonding Equipment

(A) Permitted Methods. Equipment grounding conductors, grounding electrode conductors, and bonding jumpers shall be connected by one or more of the following means:

- (1) Listed pressure connectors
- (2) Terminal bars
- (3) Pressure connectors listed as grounding and bonding equipment
- (4) Exothermic welding process
- (5) Machine screw-type fasteners that engage not less than two threads or are secured with a nut
- (6) Thread-forming machine screws that engage not less than two threads in the enclosure
- (7) Connections that are part of a listed assembly
- (8) Other listed means

(B) Methods Not Permitted. Connection devices or fittings that depend solely on solder shall not be used.

250.10 Protection of Ground Clamps and Fittings

Ground clamps or other fittings exposed to physical damage shall be enclosed in metal, wood, or equivalent protective covering.

250.12 Clean Surfaces

Nonconductive coatings (such as paint, lacquer, and enamel) on equipment to be grounded shall be removed from threads and other contact surfaces to ensure good electrical continuity or be connected by means of fittings designed so as to make such removal unnecessary.

Part V. Bonding

250.90 General Bonding shall be provided where necessary to ensure electrical continuity and the capacity to conduct safely any fault current likely to be imposed.

250.92 Services

(A) Bonding of Equipment for Services. The normally non-current-carrying metal parts of equipment indicated in 250.92(A)(1) and (A)(2) shall be bonded together.

- (1) All raceways, cable trays, cablebus framework, auxiliary gutters, or service cable armor or sheath that enclose, contain, or support service conductors, except as permitted in 250.80
- (2) All enclosures containing service conductors, including meter fittings, boxes, or the like, interposed in the service raceway or armor

(B) Method of Bonding at the Service. Bonding jumpers meeting the requirements of this article shall be used around impaired connections, such as reducing washers or oversized, concentric, or eccentric knockouts. Standard locknuts or bushings shall not be the only means for the bonding required by this section but shall be permitted to be installed to make a mechanical connection of the raceway(s).

Electrical continuity at service equipment, service raceways, and service conductor enclosures shall be ensured by one of the following methods:

- (1) Bonding equipment to the grounded service conductor in a manner provided in 250.8
- (2) Connections utilizing threaded couplings or threaded hubs on enclosures if made up wrenchtight
- (3) Threadless couplings and connectors if made up tight for metal raceways and metal-clad cables
- (4) Other listed devices, such as bonding-type locknuts, bushings, or bushings with bonding jumpers.

250.102 Grounded Conductor, Bonding Conductors, and Jumpers

(A) Material. Bonding jumpers shall be of copper, aluminum, copper-clad aluminum, or other corrosion-resistant material. A bonding jumper shall be a wire, bus, screw, or similar suitable conductor.

(B) Attachment. Bonding jumpers shall be attached in the manner specified by the applicable provisions of 250.8 for circuits and equipment and by 250.70 for grounding electrodes.

(C) Size — Supply-Side Bonding Jumper.

- (1) **Size for Supply Conductors in a Single Raceway or Cable.** The supply-side bonding jumper shall not be smaller than specified in Table 250.102(C)(1).
- (2) **Size for Parallel Conductor Installations in Two or More Raceways or Cables.** Where the ungrounded supply conductors are paralleled in two or more raceways or cables, and an individual supply-side bonding jumper is used for bonding these raceways or cables, the size of the supply-side bonding jumper for each raceway or cable shall be selected from Table 250.102(C)(1) based on the size of the ungrounded supply conductors in each raceway or cable. A single supply-side bonding jumper installed for bonding two or more raceways or cables shall be sized in accordance with 250.102(C)(1).

Informational Note: The term supply conductors includes ungrounded conductors that do not have overcurrent protection on their supply side and terminate at service equipment or the first disconnecting means of a separately derived system. Informational Note No. 2: See Chapter 9, Table 8, for the circular mil area of conductors 18 AWG through 4/0 AWG.

(D) Size — Equipment Bonding Jumper on Load Side of an Overcurrent Device. The equipment bonding jumper on the load side of an overcurrent device(s) shall be sized in accordance with 250.122.

A single common continuous equipment bonding jumper shall be permitted to connect two or more raceways or cables if the bonding jumper is sized in accordance with 250.122 for the largest overcurrent device supplying circuits therein.

(E) Installation. Bonding jumpers or conductors and equipment bonding jumpers shall be permitted to be installed inside or outside of a raceway or an enclosure.

(1) Inside a Raceway or an Enclosure. If installed inside a raceway, equipment bonding jumpers and bonding jumpers or conductors shall comply with the requirements of 250.119 and 250.148.

(2) Outside a Raceway or an Enclosure. If installed on the outside, the length of the bonding jumper or conductor or equipment bonding jumper shall not exceed 1.8 m (6 ft) and shall be routed with the raceway or enclosure.

Exception: An equipment bonding jumper or supply-side bonding jumper longer than 1.8 m (6 ft) shall be permitted at outside pole locations for the purpose of bonding or grounding isolated sections of metal raceways or elbows installed in exposed risers of metal conduit or other metal raceway, and for bonding grounding electrodes, and shall not be required to be routed with a raceway or enclosure.

(3) Protection. Bonding jumpers or conductors and equipment bonding jumpers shall be installed in accordance with 250.64(A) and (B).

TABLE 250.122 Minimum Size Equipment Grounding Conductors for Grounding Raceway and Equipment

Rating or Setting of Automatic Overcurrent Device in Circuit Ahead of Equipment, Conduit, etc., Not Exceeding (Amperes)	Size (AWG or kcmil)	
	Copper	Aluminum or Copper-Clad Aluminum*
15	14	12
20	12	10
60	10	8
100	8	6
200	6	4
300	4	2
400	3	1
500	2	1/0
600	1	2/0
800	1/0	3/0
1000	2/0	4/0
1200	3/0	250
1600	4/0	350
2000	250	400
2500	350	600
3000	400	600
4000	500	750
5000	700	1200
6000	800	1200

Note: Where necessary to comply with 250.4(A)(5) or (B)(4), the equipment grounding conductor shall be sized larger than given in this table.

*See installation restrictions in 250.120.

ARTICLE 250 General Requirements for Wiring Methods and Materials

Part I. General Requirements 300.1 Scope.

(A) All Wiring Installations. This article covers general requirements for wiring methods and materials for all wiring installations unless modified by other articles in Chapter 3.

(B) Integral Parts of Equipment. The provisions of this article are not intended to apply to the conductors that form an integral part of equipment, such as motors, controllers, motor control centers, or factory-assembled control equipment or listed utilization equipment.

(C) Metric Designators and Trade Sizes. Metric designators and trade sizes for conduit, tubing, and associated fittings and accessories shall be as designated in Table 300.1(C).

TABLE 300.1 (C) Metric Designators and Trade Sizes

Metric Designator	Trade Size
12	3/8
16	1/2
21	3/4
27	1
35	1 1/4
41	1 1/2
53	2
63	2 1/2
78	3
91	3 1/2
103	4
129	5
155	6

Note: The metric designators and trade sizes are for identification purposes only and are not actual dimensions.

300.4 Protection Against Physical Damage

Where subject to physical damage, conductors, raceways, and cables shall be protected.

(A) Cables and Raceways Through Wood Members.

- (1) Bored Holes.** In both exposed and concealed locations, where a cable- or raceway-type wiring method is installed through bored holes in joists, rafters, or wood members, holes shall be bored so that the edge of the hole is not less than 32 mm (1 1/4 in.) from the nearest edge of the wood member. Where this distance cannot be maintained, the cable or raceway shall be protected from penetration by screws or nails by a steel plate(s) or bushing(s), at least 1.6 mm (1/16 in.) thick, and of appropriate length and width installed to cover the area of the wiring.

Exception No. 1: Steel plates shall not be required to protect rigid metal conduit, intermediate metal conduit, rigid nonmetallic conduit, or electrical metallic tubing.

Exception No. 2: A listed and marked steel plate less than 1.6 mm (1/16 in.) thick that provides equal or better protection against nail or screw penetration shall be permitted.

- (2) Notches in Wood.** Where there is no objection because of weakening the building structure, in both exposed and concealed locations, cables or raceways shall be permitted to be laid in notches in wood studs, joists, rafters, or other wood members where the cable or raceway at those points is protected against nails or screws by a steel plate at least 1.6 mm (1/16 in.) thick, and of appropriate length and width, installed to cover the area of the wiring. The steel plate shall be installed before the building finish is applied.

Exception No. 1: Steel plates shall not be required to protect rigid metal conduit, intermediate metal conduit, rigid nonmetallic conduit, or electrical metallic tubing.

Exception No. 2: A listed and marked steel plate less than 1.6 mm (1/16 in.) thick that provides equal or better protection against nail or screw penetration shall be permitted.

support. Where independent support wires are used, they shall be secured at both ends. Cables and raceways shall not be supported by ceiling grids.

300.6 Protection Against Corrosion and Deterioration

Raceways, cable trays, cablebus, auxiliary gutters, cable armor, boxes, cable sheathing, cabinets, elbows, couplings, fittings, supports, and support hardware shall be of materials suitable for the environment in which they are to be installed.

(A) Ferrous Metal Equipment. Ferrous metal raceways, cable trays, cablebus, auxiliary gutters, cable armor, boxes, cable sheathing, cabinets, metal elbows, couplings, nipples, fittings, supports, and support hardware shall be suitably protected against corrosion inside and outside (except threads at joints) by a coating of approved corrosion-resistant material. Where corrosion protection is necessary and the conduit is threaded in the field, the threads shall be coated with an approved electrically conductive, corrosion-resistant compound.

Informational Note: Field-cut threads are those threads that are cut in conduit, elbows, or nipples anywhere other than at the factory where the product is listed.

Exception: Stainless steel shall not be required to have protective coatings.

(1) Protected from Corrosion Solely by Enamel. Where protected from corrosion solely by enamel, ferrous metal raceways, cable trays, cablebus, auxiliary gutters, cable armor, boxes, cable sheathing, cabinets, metal elbows, couplings, nipples, fittings, supports, and support hardware shall not be used outdoors or in wet locations as described in 300.6(D).

(2) Organic Coatings on Boxes or Cabinets. Where boxes or cabinets have an approved system of organic coatings and are marked "Raintight," "Rainproof," or "Outdoor Type," they shall be permitted outdoors.

(3) In Concrete or in Direct Contact with the Earth. Ferrous metal raceways, cable armor, boxes, cable sheathing, cabinets, elbows, couplings, nipples, fittings, supports, and support hardware shall be permitted to be installed in concrete or in direct contact with the earth, or in areas subject to severe corrosive influences where made of material approved for the condition, or where provided with corrosion protection approved for the condition.

(1) Fire-Rated Assemblies. Wiring located within the cavity of a fire-rated floor-ceiling or roof-ceiling assembly shall not be secured to, or supported by, the ceiling assembly, including the ceiling support wires. An independent means of secure support shall be provided and shall be permitted to be attached to the assembly. Where independent support wires are used, they shall be distinguishable by color, tagging, or other effective means from those that are part of the fire-rated design.

Exception: The ceiling support system shall be permitted to support wiring and equipment that have been tested as part of the fire-rated assembly.

Informational Note: One method of determining fire rating is testing in accordance with ANSI/ASTM E119-2015, *Method for Fire Tests of Building Construction and Materials*.

(2) Non-Fire-Rated Assemblies. Wiring located within the cavity of a non-fire-rated floor-ceiling or roof-ceiling assembly shall not be secured to, or supported by, the ceiling assembly, including the ceiling support wires. An independent means of secure support shall be provided and shall be permitted to be attached to the assembly. Where independent support wires are used, they shall be distinguishable by color, tagging, or other effective means.

Exception: The ceiling support system shall be permitted to support branch-circuit wiring and associated equipment where installed in accordance with the ceiling system manufacturer's instructions.

300.14 Length of Free Conductors at Outlets, Junctions, and Switch Points

At least 150 mm (6 in.) of free conductor, measured from the point in the box where it emerges from its raceway or cable sheath, shall be left at each outlet, junction, and switch point for splices or the connection of luminaires or devices. Where the opening to an outlet, junction, or switch point is less than 200 mm (8 in.) in any dimension, each conductor shall be long enough to extend at least 75 mm (3 in.) outside the opening.

Exception: Conductors that are not spliced or terminated at the outlet, junction, or switch point shall not be required to comply with 300.14.

300.15 Boxes, Conduit Bodies, or Fittings — Where Required

A box shall be installed at each outlet and switch point for concealed knob-and-tube wiring.

Fittings and connectors shall be used only with the specific wiring methods for which they are designed and listed.

Where the wiring method is conduit, tubing, Type AC cable, Type MC cable, Type MI cable, nonmetallic-sheathed cable, or other cables, a box or conduit body shall be installed at each conductor splice point, outlet point, switch point, junction point, termination point, or pull point, unless otherwise permitted in 300.15(A) through (L).

314.2 Round Boxes

Round boxes shall not be used where conduits or connectors requiring the use of locknuts or bushings are to be connected to the side of the box.

314.4 Metal Boxes

Metal boxes shall be grounded and bonded in accordance with Parts I, IV, V, VI, VII, and X of Article 250 as applicable, except as permitted in 250.112(I).

300.10 Electrical Continuity of Metal Raceways and Enclosures

Metal raceways, cable armor, and other metal enclosures for conductors shall be metallically joined together into a continuous electrical conductor and shall be connected to all boxes, fittings, and cabinets so as to provide effective electrical continuity. Unless specifically permitted elsewhere in this Code, raceways and cable assemblies shall be mechanically secured to boxes, fittings, cabinets, and other enclosures.

Exception No. 1: Short sections of raceways used to provide support or protection of cable assemblies from physical damage shall not be required to be made electrically continuous.

Exception No. 2: Equipment enclosures to be isolated, as permitted by 250.96(B), shall not be required to be metallically joined to the metal raceway.

300.11 Securing and Supporting

(A) Secured in Place. Raceways, cable assemblies, boxes, cabinets, and fittings shall be securely fastened in place.

(B) Wiring Systems Installed Above Suspended Ceilings. Support wires that do not provide secure support shall not be permitted as the sole support. Support wires and associated fittings that provide secure support and that are installed in addition to the ceiling grid support wires shall be permitted as the sole

314.15 Damp or Wet Locations. In damp or wet locations, boxes, conduit bodies, outlet box hoods, and fittings shall be placed or equipped so as to prevent moisture from entering or accumulating within the box, conduit body, or fitting. Boxes, conduit bodies, outlet box hoods, and fittings installed in wet locations shall be listed for use in wet locations. Approved drainage openings not smaller than 3 mm (1/8 in.) and not larger than 6 mm (1/4 in.) in diameter shall be permitted to be installed in the field in boxes or conduit bodies listed for use in damp or wet locations. For installation of listed drain fittings, larger openings are permitted to be installed in the field in accordance with manufacturer's instructions.

Informational Note No. 1: For boxes in floors, see 314.27(B).

Informational Note No. 2: For protection against corrosion, see 300.6.

314.16 Number of Conductors in Outlet, Device, and Junction Boxes, and Conduit Bodies

Boxes and conduit bodies shall be of an approved size to provide free space for all enclosed conductors. In no case shall the volume of the box, as calculated in 314.16(A), be less than the fill calculation as calculated in 314.16(B). The minimum volume for conduit bodies shall be as calculated in 314.16(C).

The provisions of this section shall not apply to terminal housings supplied with motors or generators.

Informational Note: For volume requirements of motor or generator terminal housings, see 430.12.

Boxes and conduit bodies enclosing conductors 4 AWG or larger shall also comply with the provisions of 314.28.

(A) Box Volume Calculations. The volume of a wiring enclosure (box) shall be the total volume of the assembled sections and, where used, the space provided by plaster rings, domed covers, extension rings, and so forth, that are marked with their volume or are made from boxes the dimensions of which are listed in Table 314.16(A). Where a box is provided with one or more securely installed barriers, the volume shall be apportioned to each of the resulting spaces. Each barrier, if not marked with its volume, shall be considered to take up 8.2 cm³ (1/2 in³) if metal, and 16.4 cm³ (1.0 in³) if nonmetallic.

- (1) **Standard Boxes.** The volumes of standard boxes that are not marked with their volume shall be as given in Table 314.16(A).
- (2) **Other Boxes.** Boxes 1650 cm³ (100 in.³) or less, other than those described in Table 314.16(A), and nonmetallic boxes shall be durably and legibly marked by the manufacturer with their volume(s). Boxes described in Table 314.16(A) that have a volume larger than is designated in the table shall be permitted to have their volume marked as required by this section.

(B) Box Fill Calculations. The volumes in paragraphs 314.16(B)(1) through (B)(5), as applicable, shall be added together. No allowance shall be required for small fittings such as locknuts and bushings. Each space within a box installed with a barrier shall be calculated separately.

- (1) **Conductor Fill.** Each conductor that originates outside the box and terminates or is spliced within the box shall be counted once, and each conductor that passes through the box without splice or termination shall be counted once. Each loop or coil of unbroken conductor not less than twice the minimum length required for free conductors in 300.14 shall be counted twice. The conductor fill shall be calculated using Table 314.16(B). A conductor, no part of which leaves the box, shall not be counted.

Exception: An equipment grounding conductor or conductors or not over four fixture wires smaller than 14 AWG, or both, shall be permitted to be omitted from the calculations where they enter a box from a domed luminaire or similar canopy and terminate within that box.

- (2) **Clamp Fill.** Where one or more internal cable clamps, whether factory or field supplied, are present in the box, a single volume allowance in accordance with Table 314.16(B) shall be made based on the largest conductor present in the box. No allowance shall be required for a cable connector with its clamping mechanism outside the box.

A clamp assembly that incorporates a cable termination for the cable conductors shall be listed and marked for use with specific nonmetallic boxes. Conductors that originate within the clamp assembly shall be included in conductor fill calculations covered in 314.16(B)(1) as though they entered from outside the box. The clamp assembly shall not require a fill allowance, but the volume of the portion of the assembly that remains within the box after installation shall be excluded from the box volume as marked in 314.16(A)(2).

- (3) **Support Fittings Fill.** Where one or more luminaire studs or hickies are present in the box, a single volume allowance in accordance with Table 314.16(B) shall be made for each type of fitting based on the largest conductor present in the box.
- (4) **Device or Equipment Fill.** For each yoke or strap containing one or more devices or equipment, a double volume allowance in accordance with Table 314.16(B) shall be made for each yoke or strap based on the largest conductor connected to a device(s) or equipment supported by that yoke or strap. A device or utilization equipment wider than a single 50 mm (2 in.) device box as described in Table 314.16(A) shall have double volume allowances provided for each gang required for mounting.
- (5) **Equipment Grounding Conductor Fill.** Where one or more equipment grounding conductors or equipment bonding jumpers enter a box, a single volume allowance in accordance with Table 314.16(B) shall be made based on the largest equipment grounding conductor or equipment bonding jumper present in the box. Where an additional set of equipment grounding conductors, as permitted by 250.146(D), is present in the box, an additional volume allowance shall be made based on the largest equipment grounding conductor in the additional set.

(C) Conduit Bodies.

- (1) **General.** Conduit bodies enclosing 6 AWG conductors or smaller, other than short-radius conduit bodies as described in 314.16(C)(3), shall have a cross-sectional area not less than twice the cross-sectional area of the largest conduit or tubing to which they can be attached. The maximum number of conductors permitted shall be the maximum number permitted by Table 1 of Chapter 9 for the conduit or tubing to which it is attached.
- (2) **With Splices, Taps, or Devices.** Only those conduit bodies that are durably and legibly marked by the manufacturer with their volume shall be permitted to contain splices, taps, or devices. The maximum number of conductors shall be calculated in accordance with 314.16(B). Conduit bodies shall be supported in a rigid and secure manner.

TABLE 314.16(A) Metal Boxes

Box Trade Size			Minimum Volume		Maximum Number of Conductors* (arranged by AWG size)						
mm	in.		cm ³	in. ³	18	16	14	12	10	8	6
100 × 32	(4 × 1¼)	round/octagonal	205	12.5	8	7	6	5	5	5	2
100 × 38	(4 × 1½)	round/octagonal	254	15.5	10	8	7	6	6	5	3
100 × 54	(4 × 2¼)	round/octagonal	353	21.5	14	12	10	9	8	7	4
100 × 32	(4 × 1¼)	square	295	18.0	12	10	9	8	7	6	3
100 × 38	(4 × 1½)	square	344	21.0	14	12	10	9	8	7	4
100 × 54	(4 × 2¼)	square	497	30.3	20	17	15	13	12	10	6
120 × 32	(4⅞ × 1¼)	square	418	25.5	17	14	12	11	10	8	5
120 × 38	(4⅞ × 1½)	square	484	29.5	19	16	14	13	11	9	5
120 × 54	(4⅞ × 2¼)	square	689	42.0	28	24	21	18	16	14	8
75 × 50 × 38	(3 × 2 × 1½)	device	123	7.5	5	4	3	3	3	2	1
75 × 50 × 50	(3 × 2 × 2)	device	164	10.0	6	5	5	4	4	3	2
75 × 50 × 57	(3 × 2 × 2¼)	device	172	10.5	7	6	5	4	4	3	2
75 × 50 × 65	(3 × 2 × 2½)	device	205	12.5	8	7	6	5	5	4	2
75 × 50 × 70	(3 × 2 × 2¾)	device	230	14.0	9	8	7	6	5	4	2
75 × 50 × 90	(3 × 2 × 3½)	device	295	18.0	12	10	9	8	7	6	3
100 × 54 × 38	(4 × 2¼ × 1½)	device	169	10.3	6	5	5	4	4	3	2
100 × 54 × 48	(4 × 2¼ × 1¾)	device	213	13.0	8	7	6	5	5	4	2
100 × 54 × 54	(4 × 2¼ × 2¼)	device	238	14.5	9	8	7	6	5	4	2
95 × 50 × 65	(3¾ × 2 × 2½)	masonry box/gang	230	14.0	9	8	7	6	5	4	2
95 × 50 × 90	(3¾ × 2 × 3½)	masonry box/gang	344	21.0	14	12	10	9	8	7	4
min. 44.5 depth	FS — single cover/gang (1¾)		221	13.5	9	7	6	6	5	4	2
min. 60.3 depth	FD — single cover/gang (2¾)		295	18.0	12	10	9	8	7	6	3
min. 44.5 depth	FS — multiple cover/gang (1¾)		295	18.0	12	10	9	8	7	6	3
min. 60.3 depth	FD — multiple cover/gang (2¾)		395	24.0	16	13	12	10	9	8	4

*Where no volume allowances are required by 314.16(B)(2) through (B)(5).

TABLE 314.16(B) Volume Allowance Required per Conductor

Size of Conductor (AWG)	Free Space Within Box for Each Conductor	
	cm ³	in. ³
18	24.6	1.50
16	28.7	1.75
14	32.8	2.00
12	36.9	2.25
10	41.0	2.50
8	49.2	3.00
6	81.9	5.00

314.17 Conductors Entering Boxes, Conduit Bodies, or Fittings

Conductors entering boxes, conduit bodies, or fittings shall be protected from abrasion and shall comply with 314.17(A) through (D).

(A) Openings to Be Closed. Openings through which conductors enter shall be closed in an approved manner.

(B) Metal Boxes and Conduit Bodies. Where metal boxes or conduit bodies are installed with messenger-supported wiring, open wiring on insulators, or concealed knob-and-tube wiring, conductors shall enter through insulating bushings or, in dry locations, through flexible tubing extending from the last insulating support to not less than 6 mm (¼ in.) inside the box and beyond any cable clamps. Where non-metallic-sheathed cable or multiconductor Type UF cable is used, the sheath shall extend not less than 6 mm (¼ in.) inside the box and beyond any cable clamp. Except as provided in 300.15(C), the wiring shall be firmly secured to the box or conduit body. Where raceway or cable is installed with metal boxes or conduit bodies, the raceway or cable shall be secured to such boxes and conduit bodies.

314.19 Boxes Enclosing Flush Devices

Boxes used to enclose flush devices shall be of such design that the devices will be completely enclosed on back and sides and substantial support for the devices will be provided. Screws for supporting the box shall not also be used to attach a device.

314.20 Flush-Mounted Installations. Installations within or behind a surface of concrete, tile, gypsum, plaster, or other noncombustible material, including boxes employing a flush-type cover or faceplate, shall be made so that the front edge of the box, plaster ring, extension ring, or listed extender will not be set back of the finished surface more than 6 mm (¼ in.).

Installations within a surface of wood or other combustible surface material, boxes, plaster rings, extension rings, or listed extenders shall extend to the finished surface or project therefrom.

314.21 Repairing Noncombustible Surfaces

Noncombustible surfaces that are broken or incomplete around boxes employing a flush-type cover or faceplate shall be repaired so there will be no gaps or open spaces greater than 3 mm (1/8 in.) at the edge of the box.

314.27 Outlet Boxes

(A) Boxes at Luminaire or Lampholder Outlets. Outlet boxes or fittings designed for the support of luminaires and lampholders, and installed as required by 314.23, shall be permitted to support a luminaire or lampholder.

- (1) **Vertical Surface Outlets.** Boxes used at luminaire or lampholder outlets in or on a vertical surface shall be identified and marked on the interior of the box to indicate the maximum weight of the luminaire that is permitted to be supported by the box if other than 23 kg (50 lb).

Exception: A vertically mounted luminaire or lampholder weighing not more than 3 kg (6 lb) shall be permitted to be supported on other boxes or plaster rings that are secured to other boxes, provided that the luminaire or its supporting yoke, or the lampholder, is secured to the box with no fewer than two No. 6 or larger screws.

- (2) **Ceiling Outlets.** At every outlet used exclusively for lighting, the box shall be designed or installed so that a luminaire or lampholder may be attached. Boxes shall be required to support a luminaire weighing a minimum of 23 kg (50 lb). A luminaire that weighs more than 23 kg (50 lb) shall be supported independently of the outlet box, unless the outlet box is listed for not less than the weight to be supported. The interior of the box shall be marked by the manufacturer to indicate the maximum weight the box shall be permitted to support.

(B) Floor Boxes. Boxes listed specifically for this application shall be used for receptacles located in the floor.

Exception: Where the authority having jurisdiction judges them free from likely exposure to physical damage, moisture, and dirt, boxes located in elevated floors of show windows and similar locations shall be permitted to be other than those listed for floor applications. Receptacles and covers shall be listed as an assembly for this type of location.

(C) Boxes at Ceiling-Suspended (Paddle) Fan Outlets.

Outlet boxes or outlet box systems used as the sole support of a ceiling-suspended (paddle) fan shall be listed, shall be marked by their manufacturer as suitable for this purpose, and shall not support ceiling-suspended (paddle) fans that weigh more than 32 kg (70 lb). For outlet boxes or outlet box systems designed to support ceiling-suspended (paddle) fans that weigh more than 16 kg (35 lb), the required marking shall include the maximum weight to be supported.

Where spare, separately switched, ungrounded conductors are provided to a ceiling-mounted outlet box, in a location acceptable for a ceiling-suspended (paddle) fan in one-family, two-family, or multifamily dwellings, the outlet box or outlet box system shall be listed for sole support of a ceiling-suspended (paddle) fan.

(D) Utilization Equipment. Boxes used for the support of utilization equipment other than ceiling-suspended (paddle) fans shall meet the requirements of 314.27(A) for the support of a luminaire that is the same size and weight.

Exception: Utilization equipment weighing not more than 3 kg (6 lb) shall be permitted to be supported on other boxes or plaster rings that are secured to other boxes, provided the equipment or its supporting yoke is secured to the box with no fewer than two No. 6 or larger screws.

314.28 Pull and Junction Boxes and Conduit

Bodies Boxes and conduit bodies used as pull or junction boxes shall comply with 314.28(A) through (E).

Exception: Terminal housings supplied with motors shall comply with the provisions of 430.12.

(A) Minimum Size. For raceways containing conductors of 4 AWG or larger that are required to be insulated, and for cables containing conductors of 4 AWG or larger, the minimum dimensions of pull or junction boxes installed in a raceway or cable run shall comply with 314.28(A)(1) through (A)(3). Where an enclosure dimension is to be calculated based on the diameter of entering raceways, the diameter shall be the metric designator (trade size) expressed in the units of measurement employed.

- (1) **Straight Pulls.** In straight pulls, the length of the box or conduit body shall not be less than eight times the metric designator (trade size) of the largest raceway.
- (2) **Angle or U Pulls, or Splices.** Where splices or where angle or U pulls are made, the distance between each raceway entry inside the box or conduit body and the opposite wall of the box or conduit body shall not be less than six times the metric designator (trade size) of the largest raceway in a row. This distance shall be increased for additional entries by the amount of the sum of the diameters of all other raceway entries in the same row on the same wall of the box. Each row shall be calculated individually, and the single row that provides the maximum distance shall be used.

Exception: Where a raceway or cable entry is in the wall of a box or conduit body opposite a removable cover, the distance from that wall to the cover shall be permitted to comply with the distance required for one wire per terminal in Table 312.6(A).

The distance between raceway entries enclosing the same conductor shall not be less than six times the metric designator (trade size) of the larger raceway.

When transposing cable size into raceway size in 314.28(A)(1) and (A)(2), the minimum metric designator (trade size) raceway required for the number and size of conductors in the cable shall be used.

- (3) **Smaller Dimensions.** Listed boxes or listed conduit bodies of dimensions less than those required in 314.28(A)(1) and (A)(2) shall be permitted for installations of combinations of conductors that are less than the maximum conduit or tubing fill (of conduits or tubing being used) permitted by Table 1 of Chapter 9.

Listed conduit bodies of dimensions less than those required in 314.28(A)(2), and having a radius of the curve to the centerline not less than that indicated in Table 2 of Chapter 9 for one-shot and full-shoe benders, shall be permitted for installations of combinations of conductors permitted by Table 1 of Chapter 9. These conduit bodies shall be marked to show they have been specifically evaluated in accordance with this provision.

Where the permitted combinations of conductors for which the box or conduit body has been listed are less than the maximum conduit or tubing fill permitted by Table 1 of Chapter 9, the box or conduit body shall be permanently marked with the maximum number and maximum size of conductors permitted. For other conductor sizes and combinations, the total cross-sectional area of the fill shall not exceed the cross-sectional area of the conductors specified in the marking, based on the type of conductor identified as part of the product listing.

314.29 Boxes, Conduit Bodies, and Handhole Enclosures to Be Accessible

Boxes, conduit bodies, and handhole enclosures shall be installed so that the wiring contained in them can be rendered accessible without removing any part of the building or structure or, in underground circuits, without excavating sidewalks, paving, earth, or other substance that is to be used to establish the finished grade.

Exception: Listed boxes and handhole enclosures shall be permitted where covered by gravel, light aggregate, or noncohesive granulated soil if their location is effectively identified and accessible for excavation.

406.9 Receptacles in Damp or Wet Locations

(A) Damp Locations. A receptacle installed outdoors in a location protected from the weather or in other damp locations shall have an enclosure for the receptacle that is weatherproof when the receptacle is covered (attachment plug cap not inserted and receptacle covers closed).

An installation suitable for wet locations shall also be considered suitable for damp locations.

A receptacle shall be considered to be in a location protected from the weather where located under roofed open porches, canopies, marquees, and the like, and will not be subjected to a beating rain or water runoff. All 15- and 20-ampere, 125- and 250-volt nonlocking receptacles shall be a listed weather-resistant type.

Informational Note: The types of receptacles covered by this requirement are identified as 5-15, 5-20, 6-15, and 6-20 in ANSI/NEMA WD 6-2012, Wiring Devices — Dimensional Specifications.

(B) Wet Locations.

(1) Receptacles of 15 and 20 Amperes in a Wet Location.

Receptacles of 15 and 20 amperes, 125 and 250 volts installed in a wet location shall have an enclosure that is weatherproof whether or not the attachment plug cap is inserted. An outlet box hood installed for this purpose shall be listed and shall be identified as "extra-duty." Other listed products, enclosures, or assemblies providing weatherproof protection that do not utilize an outlet box hood need not be marked "extra duty."

Informational Note No. 1: Requirements for extra-duty outlet box hoods are found in ANSI/UL 514D-2013, Cover Plates for Flush-Mounted Wiring Devices. "Extra duty" identification and requirements are not applicable to listed receptacles, faceplates, outlet boxes, enclosures, or assemblies that are identified as either being suitable for wet locations or rated as one of the outdoor enclosure-type numbers of Table 110.28 that does not utilize an outlet box hood.

Exception: 15- and 20-ampere, 125- through 250-volt receptacles installed in a wet location and subject to routine high-pressure spray washing shall be permitted to have an enclosure that is weatherproof when the attachment plug is removed.

All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles shall be listed and so identified as the weather-resistant type.

Informational Note No. 2: The configuration of weather-resistant receptacles covered by this requirement are identified as 5-15, 5-20, 6-15, and 6-20 in ANSI/NEMA WD 6-2012, Wiring Devices — Dimensional Specifications.

(2) Other Receptacles. All other receptacles installed in a wet location shall comply with (B)(2)(a) or (B)(2)(b).

(a) A receptacle installed in a wet location, where the product intended to be plugged into it is not attended while in use, shall have an enclosure that is weather-proof with the attachment plug cap inserted or removed.

(b) A receptacle installed in a wet location where the product intended to be plugged into it will be attended while in use (e.g., portable tools) shall have an enclosure that is weatherproof when the attachment plug is removed.

406.12 Tamper-Resistant Receptacles. All 15- and 20-ampere, 125- and 250-volt nonlocking-type receptacles in the areas specified in 406.12(1) through (7) shall be listed tamper-resistant receptacles.

- (1) Dwelling units in all areas specified in 210.52 and 550.13
- (2) Guest rooms and guest suites of hotels and motels
- (3) Child care facilities
- (4) Preschools and elementary education facilities

- (5) Business offices, corridors, waiting rooms and the like in clinics, medical and dental offices and outpatient facilities
- (6) Subset of assembly occupancies described in 518.2 to include places of waiting transportation, gymnasiums, skating rinks, and auditoriums
- (7) Dormitories

Informational Note: This requirement would include receptacles identified as 5-15, 5-20, 6-15 and 6-20 in ANSI/NEMA WD 6-2016, Wiring Devices — Dimensional Specifications.

Exception to (A), (B), and (C): Receptacles in the following locations shall not be required to be tamper resistant:

- (1) Receptacles located more than 1.7 m (5½ ft) above the floor.
- (2) Receptacles that are part of a luminaire or appliance.
- (3) A single receptacle or a duplex receptacle for two appliances located within the dedicated space for each appliance that, in normal use, is not easily moved from one place to another and that is cord-and plug-connected in accordance with 400.10(A)(6), (A)(7), or (A)(8).
- (4) Nongrounding receptacles used for replacements as permitted in 406.4(D)(2)(a).

410.36 Means of Support

(A) Outlet Boxes. Outlet boxes or fittings installed as required by 314.23 and complying with the provisions of 314.27(A)(1) and 314.27(A)(2) shall be permitted to support luminaires.

(B) Suspended Ceilings. Framing members of suspended ceiling systems used to support luminaires shall be securely fastened to each other and shall be securely attached to the building structure at appropriate intervals. Luminaires shall be securely fastened to the ceiling framing member by mechanical means such as bolts, screws, or rivets. Listed clips identified for use with the type of ceiling framing member(s) and luminaire(s) shall also be permitted.

(C) Luminaire Studs. Luminaire studs that are not a part of outlet boxes, hickey, tripods, and crowfeet shall be made of steel, malleable iron, or other material suitable for the application.

680.52 Junction Boxes and Other Enclosures

(A) General. Junction boxes and other enclosures used for other than underwater installation shall comply with 680.24.

(B) Underwater Junction Boxes and Other Underwater Enclosures. Junction boxes and other underwater enclosures shall meet the requirements of 680.52(B)(1) and (B)(2).

(1) Construction.

- a. Underwater enclosures shall be equipped with provisions for threaded conduit entries or compression glands or seals for cord entry.
- b. Underwater enclosures shall be submersible and made of copper, brass, or other approved corrosion-resistant material.

(2) Installation. Underwater enclosure installations shall comply with (a) and (b).

- a. Underwater enclosures shall be filled with an approved potting compound to prevent the entry of moisture.
- b. Underwater enclosures shall be firmly attached to the supports or directly to the fountain surface and bonded as required. Where the junction box is supported only by conduits in accordance with 314.23(E) and (F), the conduits shall be of copper, brass, stainless steel, or other approved corrosion-resistant metal. Where the box is fed by non-metallic conduit, it shall have additional supports and fasteners of copper, brass, or other approved corrosion-resistant material.

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STEEL CITY	ORBIT	PAGE	STEEL CITY	ORBIT	PAGE	STEEL CITY	ORBIT	PAGE	STEEL CITY	ORBIT	PAGE
103-W-AB	HB-1-MKO-AB	A31	52171-X	4SDB-MC	A10, P19	72-PD-2	5SDP-200	A19, P22	HA 808	CNI-300	D62
132-W-FB-1/2	4SDB-50-FB	A9	52-C-17-25	42050	A12	802 S	GBV-B	A33	HA 809	CNI-350	D62
2 GC	SR-2	A27	52-C-18-5/8-25	42058	A12	806 SW	GB-1-NM-B	A34	HA 810	CNI-400	D62
2 GCB	4M2-B	A27	52-C20-25	42025	A12	806-S	GB-1-MC-B	A34	HC-101	RS-50	D22
2 GCS	4M2-TS	A27	52-C-3-1/2-25	43050	A12	820-D	SBS	A37, D76, P25	HC-102	RS-75	D22
24 C 6	3RBCK	A2	52-C-3-25	43058	A12	BC1-TB	BC-25	D55, D78	HC-103	RS-100	D22
24151-NV	3RB-NM-FB	A2	52CADJ	4SAR1G	A14, P17	BC2-TB	BC-38	D55, D78	HC-104	RS-125	D22
25151-1/2	3RB-50-EXT	A2	52CADJ2	4SAR2G	A14, P17	BG-201	GBLL-50	D27, D69	HC-105	RS-150	D22
2-G-1/2&3/4	SB-2	A26	52-PD-1	4SDP-100	A15	BG-202	GBLL-75	D27, D69	HC-106	RS-200	D22
2G4D 1/2 3/4	DHB-2	A25	52-PD-2	4SDP-200	A15	BG-203	GBLL-100	D27, D69	HC-401	RT-50	D22
2G4DV 1/2 3/4	DHB-2-FB	A25	52-PS-1	4SP-100	A15	BG-204A	GBLL-125	D27, D69	HC-402	RT-75	D22
3 GC	SR-3	A27	52-PS-2	4SP-200	A15	BG-205A	GBLL-150	D27, D69	HC-403	RT-100	D22
3 GCB	4M3-B	A27	53151-1/2&3/4-UB	4SB-MKO-EHB	A7	BG-206A	GBLL-200	D27, D69	HC-404	RT-125	D22
3 GCS	4M3-TS	A27	53171-1/2&3/4	4SDB-MKO-EXT	A9	BG-207A	GBLL-250	D27, D69	HC-405	RT-150	D22
300-DR	3RC-DR	A2	53-OWE	SGM-1	A35	BG-208A	GBLL-300	D27, D69	HC-406	RT-200	D22
300-SR	3RC-SR	A2	54 C 1	4RBC	A5	BG-209A	GBLL-350	D27, D69	HK-101	RSC-50	D22
3201	NM-50	D11, P28	54 C 3	4R058X	A5	BG-210A	GBLL-400	D27, D69	HK-102	RSC-75	D22
36115 C-30	3PB-NM	A2	54 C 3 1	4R100X	A5	BL 114	KO-125	D61	HK-103	RSC-100	D22
36125 D	3PDB-NM	A2	54 C 3 1 1/4	4R125	A5	BL 115	KO-150	D61	HK-104	RSC-125	D22
3G4D 1/2	DHB-3	A25	54 C 3 1/2	4R050X	A5	BL 116	KO-200	D61	HK-105	RSC-150	D22
3G4D B 1/2	DHB-3-B	A25	54 C 6	4RBCK	A5	BL-111	KO-50	D61	HK-106	RSC-200	D22
3G4D-V-1/2	DHB-3-FB	A25	5401 LR	4RC-SR	A5	BL-112	KO-75	D61	HK-401	RTC-50	D23
4 GC	SR-4	A27	5402 LR	4RC-DR	A5	BL-113	KO-100	D61	HK-402	RTC-75	D23
4 GCB	4M4-B	A27	54151 AF	4RB-MC-BHA	A4	BL114	KO-125	D61	HK-403	RTC-100	D23
4 GCS	4M4-TS	A27	54151 AL	4RB-MC-LB	A4	BU 501	PB-50	D67	HK-404	RTC-125	D23
410-LC	4PB-NM	A2	54151 CFB	FSB	A1	BU 502	PB-75	D67	HK-405	RTC-150	D23
481-BW	4414	A13	54151-1/2	D4RB-50	A3	BU 503	PB-100	D67	HK-406	RTC-200	D23
4G4D B 1/2	DHB-4-B	A25	54151-1/2 & 3/4	D4RB-50/75	A3	BU 504	PB-125	D67	HL-601	PE-50	D32
4G4D-1/2	DHB-4	A25	54151-3/4	D4RB-75	A3	BU 505	PB-150	D67	HL-602	PE-75	D32
4G4DV 1/2	DHB-4-FB	A25	54151-A	4RB-MC	A4	BU 506	PB-200	D67	HL-603	PE-100	D32
4-OW-EXT-SPL	4RB-MKO-EXT	A3	54151AV-25	4RB-MC-FB	A4	BU 507	PB-250	D67	HL-604	PE-125	D32
4-SW-EXT-SPL	4SB-50/75-EXT	A7	54151CFB-BHL	FSB-NBH	A1	BU 508	PB-300	D67	HL-611	PB-50	D32
5 GC	SR-5	A27	54151-J-1/2	4RB-50-BHA	A3	BU 509	PB-350	D67	HL-612	PEB-75	D32
5 GCB	4M5-B	A27	54171 CFB	FSDB	A1	BU 510	PB-400	D67	HO 226	ON-200	D62
5 GCS	4M5-TS	A27	54171 FCFB	FSDB-FB	A1	BU 511	PB-500	D67	HO-221	ON-50	D62
507	BCM-50	D54, D78	54531 1/2 3/4	2CB	A30	BU 512	PB-600	D67	HO-222	ON-75	D62
510	BCM-25	D54, D78	54541 1/2 3/4	25CB	A30	BU-201	CB-50	D68	HO-223	ON-100	D62
52	GB-1	A34	54551 1/2 & 3/4	3CB	A30	BU-202	CB-75	D68	HO-224	ON-125	D62
52 C 0	41000	A12	54561 1/2 3/4	35CB	A30	BU-203	CB-100	D68	HO-225	ON-150	D62
52 C 00	42000	A12	54571 1/2 3/4	4CB	A30	BU-801	CB1-50	D68	HS-100-SC	S1-38	D56
52 C 1	4BC	A12	54581 1/2 3/4	5CB	A30	BU-802	CB1-75	D68	HS-101	SR1-50	D57
52 C 13	41050	A12	56111 CFB	FS4PB	A1	BU-803	CB1-100	D68	HS-102	SR1-75	D57
52 C 14	41075	A12	56111CFB-BHL	FS4PB-NBH	A1	CBP	CB-BK	A30	HS-103	SR1-100	D57
52 C 14 5/8	41058	A12	58351-B-1/4	HSB-1-50-B	A31	CBTW 4	MTB-550	A29	HS-104	SR1-125	D57
52 C 15	41100	A12	58361-1/2	DHB-1-50	A31	CBTW 6	MTB-750	A29	HS-105	SR1-150	D57
52 C 16	41125	A12	58361-3/4	DHB-1-75	A31	CBTW 8	HTB-FB	A29	HS-106	SR1-200	D57
52 C 18	42075	A12	58371-T-1/2	HDB-1-MKO-AB	A32	CDOW	GB-1	A34	HS-107	SU1-250	D56, D57
52 C 19	42100	A12	6 GC	SR-6	A27	CDOWTG-25	TG-1	A34	HS-108	SU1-300	D56, D57
52 C 21	42125	A12	6 GCB	4M6-B	A27	CDV-25	GB-1-FB	A34	HS-109	SU1-350	D56, D57
52 C 3 1	43100	A12	6 GCS	4M6-TS	A27	CFB-BHL	FS-NBH	A1	HS-110	SU1-400	D56, D57
52 C 3 1 1/4	43125	A12	6011-ADW	BHA-1	A40, D75	CTDW	MTB-350	A29	HS-401	SRM1-50	D54, D57
52 C 3 3/4	43075	A12	6H2-1/2-B	PH-105B	D55	CW-1/2	GMB-1	A35	HS-402	SRM1-75	D54, D57
52 C 53 1 1/2	42150T	A12	6H2-B	PH-100B	D55	CWN	GMB-1-NM	A35	HS-403	SRM1-100	D54, D57
52 C 54 2	42200T	A12	6H3-B	PH-125B	D55	CWNV-25	GMB-1-NM-FB	A35	HS-404	SRM1-125	D54, D57
52 C 6	4BCK	A12	6H4-B	PH-150B	D55	CWV-1/2	GMB-1-FB	A35	HS-405	SRM1-150	D54, D57
52 C 62	41025	A12	6H5-B	PH-200B	D55	CWX-25	GMB-1-MC	A35	HS-406	SRM1-200	D54, D57
52141-1/2	D4SSB-50	A6	6H6-B	PH-250B	D55	CWXV-25	GMB-1-MC-FB	A35	HS-407	SRM1-250	D54, D57
52151 1/2 3/4	D4SB-50/75	A6	6H7-B	PH-300B	D55	CXP	GDB-1-MC	A36	HS-408	SRM1-300	D54, D57
52151 3/4 W	4SB-75	A7	6H8-B	PH-350B	D55	CXV	GDB-1-MC-FB	A36	HS-409	SRM1-350	D54, D57
52151 BN	4SB-NM-B	A8	6H9-B	PH-400B	D55	CXWOW	GDB-1-NM	A36	HS-410	SRM1-400	D54, D57
52151 BX	4SB-MC-B	A8, P20	72 C 1	5BC	A18	CXWVP	GDB-1-NM-FB	A36	HS-901	SR2-50	D57
52151 CV 1/2 3/4	4SB-MKO-FB	A7	72 C 13	51050	A19	CY 1/2	GDB-1	A36	HS-902	SR2-75	D57
52151 CVN	4SB-NM-FB	A8	72 C 14	51075	A19	CYLE 1/2	GDB-1-NE	A36	HS-903	SR2-100	D57
52151 CVX	4SB-MC-FB	A8	72 C 14 5/8	51058	A19	FP-401	FR-50	D25, D79	HS-904	SR2-125	D57
52151 MS 1/2 3/4	4SB-MKO-MS	A7	72 C 15	51100	A19	FP-402	FR-75	D25, D79	HS-905	SR2-150	D57
52151 MSX	4SB-MC-MS	A8	72 C 16	51125	A19	FP-403	FR-100	D25, D79	HS-906	SR2-200	D57
52151 X	4SB-MC	A8	72 C 17	52050	A19	FP-404	FR-125	D25, D79	HS-907	SU2-250	D56, D57
52151-1/2	D4SB-50	A6	72 C 18	52075	A19	FP-405	FR-150	D25, D79	HS-908	SU2-300	D56, D57
52151-1/2&3/4	D4SB-50/75	A6	72 C 18 5/8	52058	A19	FP-406	FR-200	D25, D79	HS-909	SU2-350	D56, D57
52151-1/2&3/4-E-W	4SB-MKO	A7	72 C 19	52100	A19	GEE	GC	A37	HS-910	SU2-400	D56, D57
52151-3/4	D4SB-75	A6	72 C 21	52125	A19	GS-1-5C	GS-1032	A37	IT-100SC	ASB-516	D14, P28
52151-B-1/2&3/4	4SB-MKO-B	A7	72 C 3 1	53100	A18	GW-225-G	MSB-2	A28	IT-101	ASB-38	D14, P28
52151-DV-1/2	4SB-MKO-OB	A7	72 C 3 3/4	53075	A18	HA 201	CN-50	D62	IT-102	ASB-716	D14, P28
52151-MSN	4SB-NM-MS	A8	72 C 50 1 1/2	51150T	A19	HA 202	CN-75	D62	IT-103	ASB-50	D14, P28
52151-N	4SB-NM	A8	72 C 51 2	51200T	A19	HA 203	CN-100	D62	IT-104	ASB-75	D14, P28
52151-V-1/2&3/4	4SB-MKO-WB	A7	72 C 53 1 1/2	52150T	A19	HA 204	CN-125	D62	JC 300	JC-12	A41, D78
52151-VN	4SB-NM-WB	A8	72 C 54 2	52200T	A19	HA 205	CN-150	D62	LCOWC	GBV-OW	A33
52151-VX	4SB-MC-WB	A8, P20	72 C 62	51025	A19	HA 206	CN-200	D62	LG-401	GL-50	D28, D72
52171 CVX	4SDB-MC-FB	A10	72 PD 1	5SDP-100	A19, P22	HA 211	CN-50L	D62	LG-402	GL-75	D28, D72
52171 MSX	4SDB-MC-MS	A10	72151 1/2 3/4 E	5SSB-MKO	A16	HA 212	CN-75L	D62	LG-403	GL-100	D28, D72
52171-1	4SDB-100	A9	72171 1	5SDB-100	A17	HA 213	CN-100L	D62	LG-404	GL-125	D28, D72
52171-1/2&3/4E	4SDB-MKO	A9	72171 1/2 3/4 E	5SDB-MKO-A-PT	A17	HA 801	CNI-50	D62	LG-405	GL-150	D28, D72
52171-3/4	4SDB-75	A9	72171 3/4 1	5SDB-75/100	A17	HA 802	CNI-75	D62	LG-406	GL-200	D28, D72
52171-CV-3/4	4SDB-MKO-FB	A9	72171-1-1/4	5SDB-125	A17	HA 803	CNI-100	D62	LG-407	GL-250	D28, D72
52171-MS-1/2&3/4	4SDB-MKO-MS	A9	72171-CV-1/2&3/4	5SDB-50/75-FB	A17	HA 804	CNI-125	D62	LG-408	GL-300	D28, D72
52171-N	4SDB-NM	A10	72-C-3	53058	A18	HA 805	CNI-150	D62	LG-409	GL-350	D28, D72
52171-V-1/2&3/4	4SDB-MKO-WB	A9	72-C-3-1/2	53050	A18	HA 806	CNI-200	D62	LG-410	GL-400	D28, D72
52171-VN	4SDB-NM-WB	A10	72-C-6	5BCK	A18	HA 807	CNI-250	D62	LN 101SC	SLN-50	D71

Steel City®

STEEL CITY	ORBIT	PAGE	STEEL CITY	ORBIT	PAGE	STEEL CITY	ORBIT	PAGE	STEEL CITY	ORBIT	PAGE
LN 102	SLN-75	D71	LT-807	LTI-250	D18	SH 106	EC-200	D59	TC-818-SC	OF608-S	D4
LN 103	SLN-100	D71	LT-808	LTI-300	D18	SH 107	EC-250	D59	TC-819-SC	OF609-S	D4
LN 104	SLN-125	D71	LT-809	LTI-350	D18	SH 108	EC-300	D59	TK 221 SC	OF711	D3
LN 105	SLN-150	D71	LT-810	LTI-400	D18	SH 109	EC-350	D59	TK 2210 SC	OF720	D3
LN 106	SLN-200	D71	LT-890	LT190-38	D20	SH 110	EC-400	D59	TK 222 SC	OF712	D3
LN 107	SLN-250	D71	LT-891	LT190-50	D20	SH-1/2&3/4	SCS-75	A5, H14	TK 223 SC	OF713	D3
LN 108	SLN-300	D71	LT-892	LT190-75	D20	SHR-1/2&3/4	SCR-75	A5, H14	TK 224 SC	OF714	D3
LN 109	SLN-350	D71	LT-893	LT190-100	D20	SK-108	SH-2	A41, D78	TK 225 SC	OF715	D3
LN 110	SLN-400	D71	LT-894	LT190-125	D20	SS 1-TB	ABS	A40, D75	TK 226 SC	OF716	D3
LN 111	SLN-500	D71	LT-895	LT190-150	D20	SWB-25	GESB-1-NM	A33	TK 227 SC	OF717	D3
LN 112	SLN-600	D71	LT-896	LT190-200	D20	TC 211 SC	OF601	D4	TK 228 SC	OF718	D3
LN-201	LN-50	D71	LT-897	LT190-250	D20	TC 2110 SC	OF610	D4	TK 229 SC	OF719	D3
LN-202	LN-75	D71	LXOW-25	GB-1-MC-OW	A34	TC 212 SC	OF602	D4	TK1110A	OF7620	D2
LN-203	LN-100	D71	LXV-25	GB-1-MC-FB	A34	TC 213 SC	OF603	D4	TK111A	OF7611	D2
LN-204	LN-125	D71	LXWOW-25	GB-1-NM	A34	TC 214 SC	OF604	D4	TK112A	OF7612	D2
LN-205	LN-150	D71	LXWOWC-25	GB-1-NM-OW	A34	TC 215 SC	OF605	D4	TK113A	OF7613	D2
LN-206	LN-200	D71	NC-041	RX-125	D11	TC 216 SC	OF606	D4	TK114A	OF7614	D2
LN-207	LN-250	D71	NC-051	RX-150	D11	TC 217 SC	OF607	D4	TK115A	OF7615	D2
LN-208	LN-300	D71	NC-061	RX-200	D11	TC 218 SC	OF608	D4	TK116A	OF7616	D2
LN-209	LN-350	D71	NC-301	RX-50	D11	TC 219 SC	OF609	D4	TK117A	OF7617	D2
LN-210	LN-400	D71	NC-302	RX-75	D11	TC 221 SC	OF701	D3	TK118A	OF7618	D2
LS-101	SSLN-50	D71	NC-303	RX-100	D11	TC 2210 SC	OF710	D3	TK119A	OF7619	D2
LS-102	SSLN-75	D71	OWC	OWG	A37, D75, P25	TC 222 SC	OF702	D3	TK1210A	OF7720	D1
LS-103	SSLN-100	D71	PEC1	ECCP-50	D59	TC 223 SC	OF703	D3	TK121A	OF7711	D1
LS-104	SSLN-125	D71	PEC2	ECCP-100	D59	TC 224 SC	OF704	D3	TK122A	OF7712	D1
LS-105	SSLN-150	D71	PEC3	ECCP-200	D59	TC 225 SC	OF705	D3	TK123A	OF7713	D1
LS-106	SSLN-200	D71	RB 121	RB-75/50	D67	TC 226 SC	OF706	D3	TK124A	OF7714	D1
LS-107	SSLN-250	D71	RB 131	RB-100/50	D67	TC 227 SC	OF707	D3	TK125A	OF7715	D1
LS-108	SSLN-300	D71	RB 132	RB-100/75	D67	TC 228 SC	OF708	D3	TK126A	OF7716	D1
LS-109	SSLN-350	D71	RB 141	RB-125/50	D67	TC 229 SC	OF709	D3	TK127A	OF7717	D1
LS-110	SSLN-400	D71	RB 142	RB-125/75	D67	TC 821 SC	OF701-S	D3	TK128A	OF7718	D1
LT-101	MLT-50	D18	RB 143	RB-125/100	D67	TC 8210 SC	OF710-S	D3	TK129A	OF7719	D1
LT-102	MLT-75	D18	RB 153	RB-150/100	D67	TC 822 SC	OF702-S	D3	TK-2110-SC	OF620	D4
LT-103	MLT-100	D18	RB 154	RB-150/125	D67	TC 823 SC	OF703-S	D3	TK-211-SC	OF611	D4
LT-104	MLT-125	D18	RB 163	RB-200/100	D67	TC 824 SC	OF704-S	D3	TK-212-SC	OF612	D4
LT-105	MLT-150	D18	RB 164	RB-200/125	D67	TC 825 SC	OF705-S	D3	TK-213-SC	OF613	D4
LT-106	MLT-200	D18	RB 186	RB-300/200	D67	TC 826 SC	OF706-S	D3	TK-214-SC	OF614	D4
LT-200	LT-38	D18	RB 187	RB-300/250	D67	TC 827 SC	OF707-S	D3	TK-215-SC	OF615	D4
LT-201	LT-50	D18	RB-151	RB-150/50	D67	TC 828 SC	OF708-S	D3	TK-216-SC	OF616	D4
LT-202	LT-75	D18	RB-152	RB-150/75	D67	TC 829 SC	OF709-S	D3	TK-217-SC	OF617	D4
LT-203	LT-100	D18	RB-161	RB-200/50	D67	TC1110A	OF7610	D2	TK-218-SC	OF618	D4
LT-204	LT-125	D18	RB-162	RB-200/75	D67	TC111A	OF7601	D2	TK-219-SC	OF619	D4
LT-205	LT-150	D18	RB165	RB-200/150	D67	TC112A	OF7602	D2	TL 211	SSPEB-G50	D32
LT-206	LT-200	D18	RS 1	4413	A13	TC113A	OF7603	D2	TL 212	SSPEB-G75	D32
LT-207	LT-250	D18	RS 10	4433	A13	TC114A	OF7604	D2	TL 291	ECS-50	D5
LT-208	LT-300	D18	RS 11	4403	A13	TC115A	OF7605	D2	TL 292	ECS-75	D5
LT-209	LT-350	D18	RS 12	4402	A13	TC116A	OF7606	D2	TL-104	SSPE-125	D32
LT-210	LT-400	D18	RS 14	4408	A13	TC117A	OF7607	D2	TL-201	SSPE-50	D32
LT-290	LT90-38	D20	RS 17 CC	4444C	A13	TC118A	OF7608	D2	TL-202-SC	SSPE-75	D32
LT-291	LT90-50	D20	RS 2	4412	A13	TC119A	OF7609	D2	TL-203	SSPE-100	D32
LT-2910	LT90-400	D20	RS 3	4423	A13	TC1210A	OF7710	D1	TL-211	SSPEB-G50	D32
LT-292	LT90-75	D20	RS 5	4411	A13	TC121A	OF7701	D1	TL-212	SSPEB-G75	D32
LT-293	LT90-100	D20	RS 8	4422	A13	TC122A	OF7702	D1	TO 211SC	OCC-50	D5
LT-294	LT90-125	D20	RS-13	4407	A13	TC123A	OF7703	D1	TO 221	OCS-50	D5
LT-295	LT90-150	D20	RS-15	4406	A13	TC124A	OF7704	D1	TO 222	OCS-75	D5
LT-296	LT90-200	D20	RS-16-CC	4404	A13	TC125A	OF7705	D1	TS-101	SE1-50	D56
LT-297	LT90-250	D20	RS-19-CC	4424C	A13	TC126A	OF7706	D1	TS-102	SE1-75	D56
LT-298	LT90-300	D20	RS-4	4405	A13	TC127A	OF7707	D1	TS-103	SE1-100	D56
LT-299	LT90-350	D20	RS-9	4401	A13	TC128A	OF7708	D1	TS-104	SE1-125	D56
LT-451	MLT45-50	D19	RSL 11	5505	A20	TC129A	OF7709	D1	TS-105	SE1-150	D56
LT-452	MLT45-75	D19	RSL 16	5504	A20	TC7110A	OF7610-S	D2	TS-106	SE1-200	D56
LT-453	MLT45-100	D19	RSL 17	5544	A20	TC711A	OF7601-S	D2	TS-901	SE2-50	D56
LT-454	MLT45-125	D19	RSL 4	5503	A20	TC712A	OF7602-S	D2	TS-902	SE2-75	D56
LT-455	MLT45-150	D19	RSL 9	5501	A20	TC713A	OF7603-S	D2	TS-903	SE2-100	D56
LT-456	MLT45-200	D19	RSL-12	5502	A20	TC714A	OF7604-S	D2	TS-904	SE2-125	D56
LT-490	MLT90-38	D21	RSL-13	5507	A20	TC715A	OF7605-S	D2	TS-905	SE2-150	D56
LT-491	MLT90-50	D21	RSL-14	5508	A20	TC716A	OF7606-S	D2	TS-906	SE2-200	D56
LT-492	MLT90-75	D21	RSL-15	5506	A20	TC717A	OF7607-S	D2	TX201	OF1611	D5, D9, D26
LT-493	MLT90-100	D21	RSL-18	5514	A20	TC718A	OF7608-S	D2	TX202	OF1612	D5, D9, D26
LT-501	NMLT-50	D17	RSL-19	5524	A20	TC719A	OF7609-S	D2	TX210	OF520	D10, D26
LT-502	NMLT-75	D17	RSL-2	5512	A20	TC7210A	OF7710-S	D1	TX211	OF521	D10, D26
LT-503	NMLT-100	D17	RSL-5	5511	A20	TC721A	OF7701-S	D1	TX212	OF522	D10, D26
LT-504	NMLT-125	D17	RSL8	5522	A20	TC722A	OF7702-S	D1	WA 121	RW-75/50	D73
LT-505	NMLT-150	D17	SBEX	SB-EXT	A37	TC723A	OF7703-S	D1	WA 131	RW-100/50	D73
LT-506	NMLT-200	D17	SE-100	SES1-50	D58	TC724A	OF7704-S	D1	WA 132	RW-100/75	D73
LT-591	NMLT90-50	D17	SE-101	SES1-75	D58	TC725A	OF7705-S	D1	WA 141	RW-125/50	D73
LT-592	NMLT90-75	D17	SE-102	SES1-100	D58	TC726A	OF7706-S	D1	WA 142	RW-125/75	D73
LT-593	NMLT90-100	D17	SE-103	SES1-200	D58	TC727A	OF7707-S	D1	WA 143	RW-125/100	D73
LT-594	NMLT90-125	D17	SE-900	SES2-50	D58	TC728A	OF7708-S	D1	WA 151	RW-150/50	D73
LT-595	NMLT90-150	D17	SE-901	SES2-75	D58	TC729A	OF7709-S	D1	WA 152	RW-150/75	D73
LT-596	NMLT90-200	D17	SE-902	SES2-100	D58	TC-8110-SC	OF610-S	D4	WA 153	RW-150/100	D73
LT-800	LTI-38	D18	SE-903	SES2-200	D58	TC-811-SC	OF601-S	D4	WA 154	RW-150/125	D73
LT-801	LTI-50	D18	SGP	SB-D	A26	TC-812-SC	OF602-S	D4	WA 161	RW-200/50	D73
LT-802	LTI-75	D18	SH 101	EC-50	D59	TC-813-SC	OF603-S	D4	WA 162	RW-200/75	D73
LT-803	LTI-100	D18	SH 102	EC-75	D59	TC-814-SC	OF604-S	D4	WA 163	RW-200/100	D73
LT-804	LTI-125	D18	SH 103	EC-100	D59	TC-815-SC	OF605-S	D4	WA 164	RW-200/125	D73
LT-805	LTI-150	D18	SH 104	EC-125	D59	TC-816-SC	OF606-S	D4	WA 165	RW-200/150	D73
LT-806	LTI-200	D18	SH 105	EC-150	D59	TC-817-SC	OF607-S	D4	WA 171	RW-250/50	D73

Steel City®

STEEL CITY	ORBIT	PAGE	RED DOT	ORBIT	PAGE	RED DOT	ORBIT	PAGE	RED DOT	ORBIT	PAGE
WA 172	RW-250/75	D73	2CKU	WIUM-2U	C1	BLL-2	SSLL-75	D41	IH4-2-LM	1B75-4	C7
WA 173	RW-250/100	D73	2IH3-1	2B50-3	C8	BLL-3	SSLL-100	D41	IH5-1-LM	1B50-5	C7
WA 174	RW-250/125	D73	2IH3-2	2B75-3	C8	BLL-4	SSLL-125	D41	IH5-2-LM	1B75-5	C7
WA 175	RW-250/150	D73	2IH4-1	2B50-4	C8	BLL-5	SSLL-150	D41	IH5S2-1	1B50-5X	C7
WA 176	RW-250/200	D73	2IH4-2	2B75-4	C8	BLL-6	SSLL-200	D41	IH5S2-2	1B75-5X	C7
WA-181	RW-300/50	D73	2IH5-1	2B50-5	C8	BLR-1	SSLR-50	D41	IHD3-1	1DB50-3	C7
WA-182	RW-300/75	D73	2IH5-2	2B75-5	C8	BLR-2	SSLR-75	D41	IHD3-2	1DB75-3	C7
WA-183	RW-300/100	D73	2IH5S2-1	2B50-5X	C8	BLR-3	SSLR-100	D41	IHD3-3	1DB100-3	C7
WA-184	RW-300/125	D73	2IH5S2-2	2B75-5X	C8	BLR-4	SSLR-125	D41	IHD4-1	1DB50-4	C7
WA-185	RW-300/150	D73	2IH7-1	2B50-7	C8	BLR-5	SSLR-150	D41	IHD4-2	1DB75-4	C7
WA-186	RW-300/200	D73	2IH7-2	2B75-7	C8	BLR-6	SSLR-200	D41	IHE	EXR-1	C10
WA-187	RW-300/250	D73	2IH7S2-1	2B50-7X	C8	BT-1	SST-50	D42	IHE4-1	EXB50-4	C10
XC 221	OF654	D8	2IH7S2-2	2B75-7X	C8	BT-2	SST-75	D42	IHEF2-1	EXF50-2	C10
XC 240	OF671	D7	2IHD5-1	2DB50-5	C8	BT-3	SST-100	D42	IHEF2-2	EXF75-2	C10
XC 241	OF672	D7	2IHD5-2	2DB75-5	C8	BT-4	SST-125	D42	IHEF6S2-1	EXF50-6	C10
XC 242	OF673	D7	2IHD5-3	2DB100-5	C8	BT-5	SST-150	D42	IHEF6S2-2	EXF75-6	C10
XC 243	OF674	D7	2IHE	EXR-2	C10	BT-6	SST-200	D42	LC-11	RE-1	C5
XC 244	OF675	D7	3CCB	3-BC	C6	CCB	1-BC	C4	LC-21	RE-2	C5
XC 245	OF681	D7	3IHD-3	3DB100-7	C9	CCDV	1C-DV	C4	LC-31	RE-3	C5
XC 246	OF682	D7	3IHD7-2	3DB75-7	C9	CCS	1C-SH	C4	LM	LUG	C15
XC 269	OF730	D8	AC-10	C-400	D37	CCSV	1C-SV	C4	MALB-5	LBM-150	D35
XC 270	OF731	D8	AC-1-RD	C-50	D37	CCSV-TL	1C-PO20	C4	MALB-6	LBM-200	D35
XC 2710	OF740	D8	AC-2-RD	C-75	D37	CCT3	1CA-SW15	C4	S-3	RC-3	C11
XC 272	OF732	D8	AC-3	C-100	D37	CCU	1C-U	C3	S-3-RD	RC-3	C11
XC 273	OF733	D8	AC-4-RD	C-125	D37	CKMUV	WIUM-1DV	C1	S-47	RB50-5	C11
XC 274	OF734	D8	AC-5	C-150	D37	CKNM	WIU-1U-ED	C1	S-48	RB75-5	C11
XC 275	OF735	D8	AC-6-RD	C-200	D37	CKRUWH8	WIUM-1UD-ED-W	C1	SB100	SJB-75/100	C13
XC 276	OF736	D8	AC-7	C-250	D37	DAC-1-CG	C-50A	D34	SB11PL	SJB-50/100	C13
XC 277	OF737	D8	AC-8	C-300	D37	DAC-2-CG	C-75A	D34	SE-47	EXR50-4	C11
XC 278	OF738	D8	ALB-1	LB-50	D36	DAC-3-CG	C-100A	D34	SE-48	EXR75-4	C11
XC 278A	OF739	D8	ALB-10	LB-400	D36	DAC-4-CG	C-125A	D34	SPJ-3	SJB100-3	C13
XC 290	OF643	D9, D13	ALB-2	LB-75	D36	DAC-5-CG	C-150A	D34	SPJ-5	SJB100-5	C13
XC 291	OF644	D9, D13	ALB-3	LB-100	D36	DAC-6-CG	C-200A	D34	SPJ-SR	SJB-ROD	C13
XC 2910	OF6470	D9	ALB-4	LB-125	D36	DALB-1-CG	LB-50A	D33	SS-B	RBC-4	C11
XC 292	OF645	D9, D13	ALB-5	LB-150	D36	DALB-2-CG	LB-75A	D33	SW1	1CA-SW15	C4
XC 293	OF6463	D9	ALB-6	LB-200	D36	DALB-3-CG	LB-100A	D33	SW20-1/710	1CA-SW20	C4
XC 294	OF6464	D9	ALB-7	LB-250	D36	DALB-4-CG	LB-125A	D33			
XC 295	OF6465	D9	ALB-8	LB-300	D36	DALB-5-CG	LB-150A	D33			
XC 296	OF6466	D9	ALB-9	LB-350	D36	DALB-6-CG	LB-200A	D33			
XC 297	OF6467	D9	ALL-1	LL-50	D36	DALL-1-CG	LL-50A	D33			
XC 298	OF6468	D9	ALL-10	LL-400	D36	DALL-2-CG	LL-75A	D33			
XC 299	OF6469	D9	ALL-2	LL-75	D36	DALL-3-CG	LL-100A	D33			
XC 840	OF671-S	D7	ALL-3	LL-100	D36	DALL-4-CG	LL-125A	D33			
XC 841	OF672-S	D7	ALL-4	LL-125	D36	DALL-5-CG	LL-150A	D33			
XC 842	OF673-S	D7	ALL-5	LL-150	D36	DALL-6-CG	LL-200A	D33			
XC 843	OF674-S	D7	ALL-6	LL-200	D36	DALR-1-CG	LR-50A	D34			
XC 844	OF675-S	D7	ALL-7	LL-250	D36	DALR-2-CG	LR-75A	D34			
XC 845	OF681-S	D7	ALL-8	LL-300	D36	DALR-3-CG	LR-100A	D34			
XC 846	OF682-S	D7	ALL-9	LL-350	D36	DALR-4-CG	LR-125A	D34			
XC 870	OF731-S	D8	ALR-1	LR-50	D37	DALR-5-CG	LR-150A	D34			
XC 8710	OF740-S	D8	ALR-10	LR-400	D37	DALR-6-CG	LR-200A	D34			
XC 872	OF732-S	D8	ALR-2	LR-75	D37	DAT-1-CG	T-50A	D35			
XC 873	OF733-S	D8	ALR-3	LR-100	D37	DAT-2-CG	T-75A	D35			
XC 874	OF734-S	D8	ALR-4	LR-125	D37	DAT-3-CG	T-100A	D35			
XC 875	OF735-S	D8	ALR-5	LR-150	D37	DAT-4-CG	T-125A	D35			
XC 876	OF736-S	D8	ALR-6	LR-200	D37	DAT-5-CG	T-150A	D35			
XC 877	OF737-S	D8	ALR-7	LR-250	D37	DAT-6-CG	T-200A	D35			
XC 878	OF738-S	D8	ALR-8	LR-300	D37	DCCB	1-BC-G	C4			
XC 879	OF739-S	D8	ASLB-1	SLB-50	D35	DCCB-BR	1-BC-BR	C4			
XC-280	OF6620	D12	ASLB-2	SLB-75	D35	DCCB-WH	1-BC-W	C4			
XC-730	FLC-50	D14, P27	ASLB-3	SLB-100	D35	DCCDSO	1C-DH	C4			
XC-731	FLC-50L	D14, P27	ASLB-4	SLB-125	D35	DCCDSO-BR	1C-DH-BR	C4			
XC-732	FLC-75L	D14, P27	ASLB-5	SLB-150	D35	DCCDSO-WH	1C-DH-W	C4			
XK 241	OF676	D7	ASLB-6	SLB-200	D35	DCCG	1C-GH	C4			
XK 242	OF677	D7	AT-1	T-50	D38	DCCG-BR	1C-GH-BR	C4			
XK 243	OF678	D7	AT-10	T-400	D38	DCCGV	1C-GV	C4			
XK 244	OF679	D7	AT-2	T-75	D38	DCCGV-BR	1C-GV-BR	C4			
XK 245	OF685	D7	AT-3	T-100	D38	DCCGV-WH	1C-GV-W	C4			
XK 246	OF686	D7	AT-4	T-125	D38	DCCG-WH	1C-GH-W	C4			
			AT-5	T-150	D38	DPLG-1	PL-50	C15			
			AT-6	T-200	D38	DPLG-1-BR	PL-50-BR	C15			
			AT-7	T-250	D38	DPLG-1-WH	PL-50-W	C15			
			AT-8	T-300	D38	DPLG-2	PL-75	C15			
			BC-1-RD	SSC-50	D42	DPLG-2-BR	PL-75-BR	C15			
			BC-2-RD	SSC-75	D42	DPLG-2-WH	PL-75-WH	C15			
			BC-3	SSC-100	D42	DSS-3-BR	RC-3-BR	C11			
			BC-4	SSC-125	D42	DSS-3-WH	RC-3-W	C1			
			BC-5	SSC-150	D42	GKN-1	G-50	D43			
			BLB-1	SSLB-50	D41	GKN-2	G-75	D43			
			BLB-10	SSLB-400	D41	GKN-3	G-100	D43			
			BLB-2	SSLB-75	D41	GKN-4	G-125/150	D43			
			BLB-3	SSLB-100	D41	GKN-5	G-200	D43			
			BLB-4	SSLB-125	D41	GKN-6	G-250/300	D43			
			BLB-5	SSLB-150	D41	GKN-7	G-350/400	D43			
			BLB-6	SSLB-200	D41	IH3-1-LM	1B50-3	C7			
			BLB-7	SSLB-250	D41	IH3-2-LM	1B75-3	C7			
			BLB-8	SSLB-300	D41	IH4-1-LM	1B50-4	C7			
			BLB-9	SSLB-350	D41						
			BLL-1	SSLL-50	D41						

Red Dot®

RED DOT	ORBIT	PAGE
2CCB	2-BC	C6
2CCD	2C-2D	C6
2CCDG	2C-GD	C6
2CCG	2C-2G	C6
2CCS	2C-2S	C6
2CCSD	2C-SD	C6
2CCSG	2C-GS	C6
2CCT-1	2CA-SW15	C6
2CCU	2C-U	C3
2CKNM	WIU-2-ED	C2
2CKNMD	WIU-2UD-ED	C1

Superstrut®

SUPERSTRUT	ORBIT	PAGE
702 21/2 EG	ST-250	D55
702 3 EG	ST-300	D55
702 3 1/2 EG	ST-350	D55
702 4 EG	ST-400	D55
703 1 EG	ST-100	D55
703 1/2 EG	ST-50	D55
703 1 1/2 EG	ST-150	D55
703 1 1/4 EG	ST-125	D55
703 2 EG	ST-200	D55
703 3/4 EG	ST-75	D55
CPC050	STS-50	D55
CPC075	STS-75	D55
CPC100	STS-100	D55
CPC125	STS-125	D55
CPC150	STS-150	D55
CPC200	STS-200	D55
CPC250	STS-250	D55
CPC300	STS-300	D55
CPC350	STS-350	D55
CPC400	STS-400	D55

T&B®

T&B	ORBIT	PAGE
180	SCG8-50	D50
280	SCG8-75	D50
380	SCG8-100	D50
462	MSE90-100	D25
480	SCG8-125	D50
580	SCG8-150	D50
586	MCBI-500	D68
587	MCBI-600	D68
675	MR3C-50	D24
676	MR3C-75	D24
677	MR3C-100	D24
678	MR3C-125	D24
679	MR3C-150	D24
681	MR3C-250	D24
682	MR3C-300	D24
683	MR3C-350	D24
684	MR3C-400	D24
686	MR3C-500	D24
687	MR3C-600	D24
807	SR-7	A27
808	SR-8	A27
809	SR-9	A27
810	SR-10	A27

T&B®

T&B	ORBIT	PAGE
880	SCG8-250/300	D50
911	CB-BK-STUD	A30
980	SCG8-350/400	D50
1227	MCBI-200	D68
1228	MCBI-250	D68
1229	MCBI-300	D68
1230	MCBI-350	D68
1231	MCBI-400	D68
1300	PUSG	D70
2520	CG-50-190/260	D15
2521	CG-50-260/375	D15
2522	CG-50-375/500	D15
2532	CG-75-375/500	D15
2534	CG-75-500/625	D15
2535	CG-75-625/750	D15
2544	CG-100-500/625	D15
2545	CG-100-625/750	D15
2546	CG-100-750/880	D15
2547	CG-100-880/985	D15
3202	NM-75	D11
3875	MGBLL-200	D27, D69
5238	MLT-250	D18
5239	MLT-300	D18
5240	MLT-400	D18
5243	MLT45-75	D19
5244	MLT45-100	D19
5245	MLT45-125	D19
5246	MLT45-150	D19
5255	MLT90-125	D21
5256	MLT90-150	D21
5257	MLT90-200	D21
5258	MLT90-250	D21
5262	LTSR-50	D17, D72
5263	LTSR-75	D17, D72
5264	LTSR-100	D17, D72
5265	LTSR-125	D17, D72
5266	LTSR-150	D17, D72
5267	LTSR-200	D17, D72
5268	LTSR-250	D17, D72
5269	LTSR-300	D17, D72
5270	LTSR-400	D17, D72
5341	MLT45-38	D19
5342	MLT45-50	D19
5343	MLT45-75	D19
5344	MLT45-100	D19
5345	MLT45-125	D19
5346	MLT45-150	D19
5347	MLT45-200	D19
5349	MLT45-300	D19
5351	MLT90-38	D21
5352	MLT90-50	D21
5353	MLT90-75	D21
5354	MLT90-100	D21
5355	MLT90-125	D21
5356	MLT90-150	D21
6836	WDHB-1-50	A32
8120	MRTC-50	D23
8121	MRTC-50	D23
8220	MRTC-75	D23
8221	MRTC-75	D23
8320	MRTC-100	D23
8321	MRTC-100	D23
8420	MRTC-125	D23
8421	MRTC-125	D23
8520	MRTC-150	D23
8521	MRTC-150	D23
8620	MRTC-200	D23
8621	MRTC-200	D23
8720	MRTC-250	D23
8721	MRTC-250	D23
8820	MRTC-300	D23
8850	MRTC-350	D23
8970	MRTC-400	D23
52171 3/4	D4SDB-75	A6
102W-1/2	HSB-1-50	A31
103WFB-1/2	HB-1-50-FB	A31
104W12	HDB-1-50	A32
104WFB-1/2	HDB-1-50-FB	A32
12-BC	BH-1SC	A39, D74
14-B	BH-1S	A39, D74
14-BL	BH-1	A39, D74
170F	GICG7-50	D47
170S	SCG7-50	D46
180F	GICG8-50	D50
1-MB	MB-1	A29
1-MBS	MSB-1	A28
241511/2-25	3RB-50	A2
24-C-6	3RBCK	A2

T&B	ORBIT	PAGE
270F	GICG7-75	D47
270S	SCG7-75	D46
280F	GICG8-75	D50
2920	SCG-50-125/250	D15
2921	SCG-50-350/450	D15
2922	SCG-50-560/650	D15
2932	SCG-75-560/650	D15
2940	SCG-100-450/560	D15
2-BC	BH-2	D74
2G4D-1/2 3/4	DHB-2	A25
2G4DV-1/2 3/4	DHB-2-FB	A25
2-GC	SR-2	A27
2-GCB	4M2-B	A27
2-GCS	4M2-TS	A27
2-MB	MB-2	A29
2-MBS	MSB-2	A28
36115-C-30	3PB-NM	A2
36125-D	3PDB-NM	A2
370F	GICG7-100	D47
370S	SCG7-100	D46
380F	GICG8-100	D50
3G 1/2 3/4	SB-3	A26
3G4D-1/2	DHB-3	A25
3G4D-B-1/2	DHB-3-B	A25
3-GC	SR-3	A27
3-GCB	4M3-B	A27
3-GCS	4M3-TS	A27
3-MB	MB-3	A29
3-MBS	MSB-3	A28
3-O-B-1/2	3RB-50-FB	A2
3-O-LCE	3RB-NM-E	A2
44-B	BH-2NC	A39, D74
460-TB	MSE90-50	D25
461-TB	MSE90-75	D25
470F	GICG7-125	D47
470S	SCG7-125	D46
480F	GICG8-125	D50
4G 1/2 3/4	SB-4	A26
4G4D-B-1/2	DHB-4-B	A25
4G4DV-1/2	DHB-4-FB	A25
4-GC	SR-4	A27
4-GCB	4M4-B	A27
4-GCS	4M4-TS	A27
4-MB	MB-4	A29
4-MBS	MSB-4	A28
4-OD-FB-MXN	4RDB-MC-FB	A4
4-OD-U-MXN	4RDB-MC-LB	A4
4SDW-1/2	4SDB-50	A9
500SC	BCM-25	D54, D78
500-TL	4RC-PO	A5
502-SC	BCM-38	D54, D78
52 C 49 1	41100T	A12
52 C 49 1 1/4	41125T	A12
52 C 52 1	42100T	A12
52 C 52 1 1/4	42125T	A12
52 C 52 1/2	42050T	A12
52 C 52 3/4	42075T	A12
52151 CVXP	4SB-MC-FB-PT	A8, P20
52151 MSX P	4SB-MC-MS-PT	P20
52151 VC 3/4	4SB-75-FB	A7
521511234EWGB	4SB-MKO	A7
521511234EWGBP	4SB-MKO-PT	A7
521511234P	D4SDB-50/75-PT	P20
52151-1234RD	FA-4SB-MKO	A24
52151-3/4W	4SB-75	A7
52151XP	4SB-MC-PT	A8, P20
52171 CV1/2 3/4	4SDB-MKO-FB	A9
52171 MSXP	4SDB-MC-MS-PT	A10, P19
52171-1234RD	FA-4SDB-MKO	A24
52171-CV-1234RD	FA-4SDB-MKO-FB	A24
52171-CVXP	4SDB-MC-FB-PT	A10, P19
521911234CVRD	FA-4SEDB-CFO-FB	A11, A24
521911234RD	FA-4SEDB-CFO	A11, A24
5242	MLT45-50	D19
5247	MLT45-200	D19
5248	MLT45-250	D19
5249	MLT45-300	D19
5250	MLT45-400	D19
5259	MLT90-300	D21
52-C-1	4BC	A12
52C1RD	FA-4BC	A24
52-C-3-1	43100	A12
52-C-49-1/2	41050T	A12
52-C-49-3/4	41075T	A12
52C5011/2-25	41150T	A12
52C512-25	41200T	A12
52-C-ADJ	4AR1G-34	A15, P18
5342GR	MLT45LL-50	D20

T&B	ORBIT	PAGE
5343GR	MLT45LL-75	D20
5347GR	MLT45LL-200	D20
5352GR	MLT90LL-50	D21
5353GR	MLT90LL-75	D21
5354GR	MLT90LL-100	D21
53-OWEC	SGM-1-NM	A35
53-OWE-MXN	SGM-1-MC	A35
54 C 14	4R105B	A5
54151 NO	4RB-NM-BHA	A3
54151-1/2-CFB-BP	FSB	A1
54151CFB-BHL-OW	FSB-OBH	A1
54171-25	4RDB-NM	A4
54171-CFB	FSDB	A1
54171-F-CFB	FSDB-FB	A1
54171-NL	4RDB-NM-LB	A4
54171NV-25	4RDB-NM-FB	A4
54551-3/4&1	3CB-75/100	A30
54561-3/4&1	35CB-75/100	A30
54571-3/4&1	4CB-75/100	A30
54591 1/2 3/4	6CB	A30
54C 1	4RBC	A5
54-C-30	4RC-TS	A5
56111-CFB	FS4PB	A1
56111-CFB-BHL	FS4PB-NBH	A1
570F	GICG7-150	D47
570S	SCG7-150	D46
580F	GICG8-150	D50
5G 1/2 3/4	SB-5	A26
5-GC	SR-5	A27
5-GCB	4M5-B	A27
5-GCS	4M5-TS	A27
5-SDW-FB-1	5SDB-75/100-FB	A17
5-SDW-SPL	5SDB-50/75	A17
66EP-SC	SP-1	A38, D76
670F	GICG7-200	D47
670S	SCG7-200	D46
680F	GICG8-200	D50
680STB	SCG8-200	D50
680TB	MR3C-200	D24
6G 1/2 3/4	SB-6	A26
6H0-B	PH-50B	D55
6H1-B	PH-75B	D55
703 1	ST-100	D55
703 1 1/4	ST-125	D55
703 1/2	ST-50	D55
703 2	ST-200	D55
703-3/4	ST-75	D55
707-SPL	SB-7	A26
708-SPL	SB-8	A26
709-SPL	SB-9	A26
710-SPL	SB-10	A26
72 C 49 1	51100T	A19
72 C 49 1-1/4	51125T	A19
72 C 49 3/4	51075T	A19
72 C 52 1	52100T	A19
72 C 52 1/2	52050T	A19
72 C 52 1-1/4	52125T	A19
72 C 52 3/4	52075T	A19
72171-1234RD	FA-5SDB-MKO	A24
72171CV 1/2 3/4	D5SDB-50/75-FB	A16
72-C-49-1/2	51050T	A19
73-ONCS	GMB-NM-NO	A36
804 S	GB-1-B	A34
82181-12-1	T5B-200	A22, P23
82181-12-1	T5B-50/200	A22, P23
82-52E-0	T5R	A22, P23
82C-1	T5C	A22, P23
870F	GICG7-250/300	D47
870S	SCG7-250/300	D46
880F	GICG8-250/300	D50
970F	GICG7-350/400	D47
970S	SCG7-350/400	D46
980F	GICG8-350/400	D50
A100-1/2	SNR-1213	D78
A10014	SNR-1420	D78
A10038	SNR-3816	D78
ADR11	FTL-14/100	D28
ADR11-21	FTL-14/100	D29
ADR2	FTL-14/2	D28
ADR21	FTL-14/200	D28
ADR21-21	FTL-14/200	D29
ADR25	FTL-6/250	D28
ADR25-21	FTL-6/250	D29
ADR35	FTL-6/350	D28
ADR35-21	FTL-6/350	D29
ADR50	FTL-4/500	D28
ADR6	FTL-14/4	D28
ADR60	FTL-2/600	D28

T&B	ORBIT	PAGE
ADR60-21	FTL-2/600	D29
ADR99	FTL-500/1000	D28
ADR99-21	FTL-500/1000	D29
BG075144	MGBLL-75	D27, D69
BG-204	GBLL-125-10	D27, D69
BG-205	GBLL-150-10	D27, D69
BG-206	GBLL-200-10	D27, D69
BG-207	GBLL-250-10	D27, D69
BG-208	GBLL-300-10	D27, D69
BG-209	GBLL-350-10	D27, D69
BG-210	GBLL-400-10	D27, D69
BI 901	MCBI-50	D68
BI 902	MCBI-75	D68
BI 903	MCBI-100	D68
BI 904	MCBI-125	D68
BI 905	MCBI-150	D68
BJ1	GCBZ-50/100	D29
BU-204	CB-125	D68
BU-205	CB-150	D68
BU-206	CB-200	D68
BU-207	CB-250	D68
BU-208	CB-300	D68
BU-209	CB-350	D68
BU-210	CB-400	D68
BU-804	CBI-125	D68
BU-805	CBI-150	D68
BU-806	CBI-200	D68
BU-807	CBI-250	D68
BU-808	CBI-300	D68
BU-809	CBI-350	D68
BU-810	CBI-400	D68
C100M	MC-100	D40
C125M	MC-125	D40
C150M	MC-150	D40
C17	C7-50	D45
C18	C8-50	D49
C1-PL	RE-1	C5
C200M	MC-200	D40
C250M	MC-250	D40
C27	C7-75	D45
C28	C8-75	D49
C2-PL	RE-2	C5
C300M	MC-300	D40
C350M	MC-350	D40
C37	C7-100	D45
C38	C8-100	D49
C3-PL	RE-3	C5
C400M	MC-400	D40
C448	C8-125	D49
C47	C7-125	D45
C50M	MC-50	D40
C57	C7-150	D45
C58-TB	C8-150	D49
C67	C7-200	D45
C68	C8-200	D49
C75M-TB	MC-75	D40
C77-TB	C7-250	D45
C78	C8-250	D49
C87	C7-300	D45
C88	C8-300	D49
CBA	4R000S	A5
CCD	1C-DH	C4
CCG	1C-GH	C4
CCGV	1C-GV	C4
CC-NPT12-B	NGC-50-384/551	D16
CC-NPT1-B	NGC100-709/984	D16
CC-NPT34-B	NGC-75-551/709	D16
CC-NPT38-B	NGC-38-197/394	D16
CDLE-25	GB-1-NE	A34
CH12	GCA-50/100	D29
CKLSVU	WIUM-10H	C1
CSB1	CS-CJ6	D58, P28
CV-4	CG-125/150	D42
CWLE-1/2-25	GMB-1-NE	A35
CWN-25	GMB-1-NM	A35
CXWOWP	GDB-1-NM	A36
DAC-10-CG	C-400A	D34
DAC-7-CG	C-250A	D34
DAC-8-CG	C-300A	D34
DALB-10-CG	LB-400A	D33
DALB-7-CG	LB-250A	D33
DALB-8-CG	LB-300A	D33
DALB-9-CG	LB-350A	D33
DALL-10-CG	LL-400A	D33
DALL-7-CG	LL-250A	D33
DALL-8-CG	LL-300A	D33
DALR-10-CG	LR-400A	D34
DALR-7-CG	LR-250A	D34

T&B	ORBIT	PAGE	T&B	ORBIT	PAGE	T&B	ORBIT	PAGE	T&B	ORBIT	PAGE
DALR-8-CG	LR-300A	D34	LB125M	MLB-125	D38	LT250T-SC	MLTI-250	D18	T125M	MT-125	D40
DAT-10-CG	T-400A	D35	LB150M	MLB-150	D38	LT300T-SC	MLTI-300	D18	T150M	MT-150	D40
DAT-7-CG	T-250A	D35	LB17	LB7-50	D44	LT350T-SC	MLTI-350	D18	T17	MT-50	D46
DAT-8-CG	T-300A	D35	LB18	LB8-50	D47	LT38T-SC	MLTI-38	D18	T18	MT-50	D49
E971FB	FLBC-P-R	E12	LB200M	MLB-200	D38	LT400T-SC	MLTI-400	D18	T200M	MT-200	D40
E9802CN-CAR	2PC	C9	LB250M	MLB-250	D38	LT4350T-SC	MLTI45-350	D19	T250M	MT-250	D40
E980CN-CAR	1PC	C9	LB27	LB7-75	D44	LT4400T-SC	MLTI45-400	D19	T27	MT-75	D46
E98G30N-CAR	1C-PO30	C4	LB28	LB8-75	D47	LT-459	MLT45-350	D19	T28	MT-75	D49
E98GDRN-CAR	1CP-DV	C5	LB300M	MLB-300	D38	LT50T-SC	MLTI-50	D18	T300M	MT-300	D40
E98GFCN-CAR	1CP-GV	C5	LB350M	MLB-350	D38	LT75T-SC	MLTI-75	D18	T350M	MT-350	D40
EC-1	MCCE-100	D53	LB37	LB7-100	D44	LT-898	LT190-300	D20	T37	MT-100	D46
EC-1/2	MCCE-50	D53	LB38	LB8-100	D47	LT-899	LT190-350	D20	T38-TB	MT-100	D49
EC-1-1/2	MCCE-150	D53	LB400M	MLB-400	D38	LT9200T-SC	MLTI90-200	D21	T400M	MT-400	D40
EC-1-1/4	MCCE-125	D53	LB448	LB8-125	D47	LT9250T-SC	MLTI90-250	D21	T448	MT-125	D49
EC-2	MCCE-200	D53	LB47	LB7-125	D44	LT9300T-SC	MLTI90-300	D21	T47	MT-125	D46
EC-2-1/2	MCCE-250	D53	LB50M	MLB-50	D38	LT9350T-SC	MLTI90-350	D21	T50M	MT-50	D40
ET-1/ET-1	EXR-1	C10	LB57	LB7-150	D44	LT9400T-SC	MLTI90-400	D21	T57	MT-150	D46
ET11-22	EXB50-4	C10	LB58	LB8-150	D47	LTT-111	SELTC-50	D6, D17, D26	T58	MT-150	D49
ETF11-22	EXF50-4	C10	LB67	LB7-200	D44	LTT-112	SELTC-75	D6, D17, D26	T67	MT-200	D46
FD1-TB	1MFD-50	C12, D51	LB68	LB8-200	D47	LTT-113	SELTC-100	D6, D17, D26	T68	MT-200	D49
FD2-TB	1MFD-75	C12, D51	LB75M-TB	MLB-75	D38	LTX100-5	2B100-5X	C8	T75M	MT-75	D40
FD3-TB	1MFD-100	C12, D51	LB77	LB7-250	D44	LXLE	GB-1-MC	A34	T77	MT-250	D46
FDC1-TB	1MFDC-50	C12, D51	LB78	LB8-250	D47	LXMOW-25	GSB-1-MC	A33	T78	MT-250	D49
FDC2-TB	1MFDC-75	C12, D51	LB87	LB7-300	D44	LXMWOW-25	GSB-1-NM	A33	T87	MT-300	D46
FDC3-TB	1MFDC-100	C12, D51	LB888	LB8-300	D47	LXWV-25	GB-1-NM-FB	A34	T88-TB	MT-300	D49
FS1-TB	1MFS-50	C12, D51	LB97	LB7-350	D44	MALB-10	LBM-400	D35	TC1110A-RT	OF7610-W	D2
FS2-TB	1MFS-75	C12, D51	LB98	LB8-350	D47	MALB-7	LBM-250	D35	TC111A RT	OF7601-W	D2
FS3-TB	1MFS-100	C12, D51	LCLE-25	GBV-NE	A33	MALB-8	LBM-300	D35	TC112A RT	OF7602-W	D2
FSC1-TB	1MFSC-50	C12, D51	LCOW-25	GBV	A33	MALB-9	LBM-350	D35	TC113A RT	OF7603-W	D2
FSC2-TB	1MFSC-75	C12, D51	LCV-25	GBV-FB	A33	MBPS	MB-D	A28	TC114A RT	OF7604-W	D2
FSC3-TB	1MFSC-100	C12, D51	LL100M	MLL-100	D39	MLT145-250	MLTI45-250	D19	TC115A RT	OF7605-W	D2
GS 1-SC	GS-1032	A37	LL107	LL7-400	D45	N-101-SC	NS-50	A38, D58	TC116A RT	OF7606-W	D2
GSC-12-10 1/2	GS-1032-PT-10	A37	LL125M	MLL-125	D39	N-102-SC	NS-50/75	A38, D58	TC117A RT	OF7607-W	D2
GSC-12-S	PTST-8	A37	LL150M	MLL-150	D39	N-103-SC	NS-100	A38, D58	TC118A RT	OF7608-W	D2
GW 125 G	MSBG-1	A28	LL17	LL7-50	D45	NC201	OF657	D9	TC119A RT	OF7609-W	D2
GW 135 G	MBG-1	A29	LL18	LL8-50	D48	NC-501-SC	PQLC-38	D70	TC7110A RT	OF7610-SW	D2
H050GR-TB	WHG-50	D60	LL200M	MLL-200	D39	NC-502-SC	PQLC-75	D70	TC711A RT	OF7601-SW	D2
H050-TB	WH-50	D60	LL250M	MLL-250	D39	PC-1	MCCP-100	D53	TC712A RT	OF7602-SW	D2
H075GR-TB	WHG-75	D60	LL27	LL7-75	D45	PC-1/2	MCCP-50	D53	TC713A RT	OF7603-SW	D2
H075-TB	WH-75	D60	LL28	LL8-75	D48	PC-1/2-PL	PL-50	C15	TC714A RT	OF7604-SW	D2
H100GR-TB	WHG-100	D60	LL300M	MLL-300	D39	PC-1-1/2	MCCP-150	D53	TC715A RT	OF7605-SW	D2
H100-TB	WH-100	D60	LL350M	MLL-350	D39	PC-1-1/4	MCCP-125	D53	TC716A RT	OF7606-SW	D2
H125GR-TB	WHG-125	D60	LL37	LL7-100	D45	PC-1-PL	PL-100	C15	TC717A RT	OF7607-SW	D2
H125-TB	WH-125	D60	LL38	LL8-100	D48	PC-2	MCCP-200	D53	TC718A RT	OF7608-SW	D2
H150GR-TB	WHG-150	D60	LL400M	MLL-400	D39	PC-2-1/2	MCCP-250	D53	TC719A RT	OF7609-SW	D2
H150-TB	WH-150	D60	LL448	LL8-125	D48	PC-3	MCCP-300	D53	TC-911-SC	CC90-50	D5
H16S-82-3	FB-3	P7	LL47	LL7-125	D45	PC-3/4	MCCP-75	D53	TK1110A RT	OF7620-W	D2
H200GR-TB	WHG-200	D60	LL50M	MLL-50	D39	PC-3/4-PL	PL-75	C15	TK111A RT	OF7611-W	D2
H200-TB	WH-200	D60	LL57	LL7-150	D45	PC-3-1/2	MCCP-350	D53	TK112A RT	OF7612-W	D2
H24S-82-4	FB-4	P7	LL58	LL8-150	D48	PC-4	MCCP-400	D53	TK113A RT	OF7613-W	D2
H250GR-TB	WHG-250	D60	LL67	LL7-200	D45	RB 176	RB-250/200	D67	TK114A RT	OF7614-W	D2
H250-TB	WH-250	D60	LL68	LL8-200	D48	RC-1	MCCR-100	D53	TK115A RT	OF7615-W	D2
H2BD3/41	SDBL-2	A26	LL75M	MLL-75	D39	RC-1/2	MCCR-50	D53	TK116A RT	OF7616-W	D2
H300GR-TB	WHG-300	D60	LL77	LL7-250	D45	RC-1-1/2	MCCR-150	D53	TK117A RT	OF7617-W	D2
H300-TB	WH-300	D60	LL78	LL8-250	D48	RC-1-1/4	MCCR-125	D53	TK118A RT	OF7618-W	D2
H350GR-TB	WHG-350	D60	LL87	LL7-300	D45	RC-2-1/2	MCCR-250	D53	TK119A RT	OF7619-W	D2
H350-TB	WH-350	D60	LL888	LL8-300	D48	RC-2-SC	MCCR-200	D53	W40-1	SEWG-3	D79
H3BD3/41	SDBL-3	A26	LR100M	MLR-100	D39	RC-3	MCCR-300	D53	WC621	SEWG-1	D79
H400GR-TB	WHG-400	D60	LR107	LR7-400	D44	RC-3/4	MCCR-75	D53	WGFL100-CV	1CL-GV	C5
H400-TB	WH-400	D60	LR125M	MLR-125	D39	RC-3-1/2	MCCR-350	D53	WR50-C	1C-PO40	C4
H4BD3/41	SDBL-4	A26	LR150M	MLR-150	D39	RC-4-SC	MCCR-400	D53	WRL181-C	1CL-DV	C5
H5BD3/41	SDBL-5	A26	LR17	LR7-50	D44	RED2CCT	2CA-2SW	C6	XC-130	DSC-38	D13, P27
H6BD3/41	SDBL-6	A26	LR18	LR8-50	D48	REDCCCT	1CA-SW	C4			
HC-408	MRT-300	D23	LR200M	MLR-200	D39	REDCKNMNG	WIU-1U-ED	C1			
HC-409	MRT-350	D23	LR250M	MLR-250	D39	REDS621E	G-R	C11			
HC-410	MRT-400	D23	LR27	LR7-75	D44	REDVGD01	VPB2	H10			
HT-221	SRECS-50	D6, D22, D26	LR28	LR8-75	D48	RS 14-30	4408	A13			
HT-222	SRECS-75	D6, D22, D26	LR300M	MLR-300	D39	RS 18 CC	4414C	A13			
HT-223	SRECS-100	D6, D22, D26	LR350M	MLR-350	D39	RS 19 CC	4424C	A13			
IH3-1	1B50-3	C7	LR37	LR7-100	D44	S-1-RD	RC-1	C11			
IH3-2	1B75-3	C7	LR38	LR8-100	D48	SB016	MBBH-16	P9			
IH4-1	1B50-4	C7	LR400M	MLR-400	D39	SB024	MBBH-24	P9			
IH4-2	1B75-4	C7	LR448	LR8-125	D48	SCV-1	AC-50	D43			
IH5-1	1B50-5	C7	LR47	LR7-125	D44	SCV-2	AC-75	D43			
IH5-2	1B75-5	C7	LR50M	MLR-50	D39	SCV-3	AC-100	D43			
J2124	GCB-250/400	D29	LR57	LR7-150	D44	SCV-4	AC-125/150	D43			
J2-BB	GCB-125/200	D29	LR58	LR8-150	D48	SCV-5	AC-200	D43			
JJR	GCB-50/100	D29	LR67	LR7-200	D44	SGP	SDB-D	A26			
K100S	SC-100	D43	LR68	LR8-200	D48	SPCP200	MSRC-200	D24			
K125S	SC-125/150	D43	LR75M	MLR-75	D39	SPCP250	MSRC-250	D24			
K200S	SC-200	D43	LR77	LR7-250	D44	SPCP350	MSRC-350	D24			
K250S	SC-250/300	D43	LR78	LR8-250	D48	SPCP400	MSRC-400	D24			
K350S	SC-350/400	D43	LR87	LR7-300	D44	SSF-SG16A	BHA-16	A40, D75, P3			
K50S	SC-50	D43	LR888	LR8-300	D48	SSF-SG24A	BHA-24	A40, D75, P3			
K75S	SC-75	D43	LT100T-SC	MLTI-100	D18	SSF-SH2346	UMA-LVBS	P1			
LB100M	MLB-100	D38	LT125T-SC	MLTI-125	D18	SSF-SR	DLR-1G	A37			
LB107	LB7-400	D44	LT150T-SC	MLTI-150	D18	T100M	MT-100	D40			
LB108	LB8-400	D47	LT200T-SC	MLTI-200	D18	T107	T7-400	D46			

RACO®

RACO	ORBIT	PAGE
127	4RB-MKO	A3
146	4RB-NM	A3
175	4RDB-NM	A4
176	4RDB-NM-LB	A4
177	4RDB-NM-FB	A4
181	4SB-75	A7
189	4SB-50	A7
189	4SB-MKO	A7
192	D4SB-50/75	A6
192	D4SB-CKO	A6
196	4SB-50-FB	A7
203	4SB-MKO-EXT	A7
207	4SDB-MKO-EXT	A9
227	4SB-MKO-MS	A7
232	4SDB-50	A9
237	4SDB-50-FB	A9
239	D4SDB-50/75	A6
249	4SDB-MC-B	A10, P19
254	5SDB-100-FB	A17
256	4SEDB-CKO	A11
257	5SDB-50	A17
257	5SDB-50/75	A17
260	T5B-200	A22, P23
260	T5B-50/200	A22, P23
262	5SDB-50/75-EXT	A17
277	3CB-75/100	A30
278	35CB-75/100	A30
279	4CB-75/100	A30
284	4CB-F	A30
291	FSB-FB	A1
294	FSDB-FB	A1
295	FS4PB	A1
296	FSB	A1
299	FSDB	A1
526	TG-1-MC	A34
660	DHB-1-50	A31
660	HB-1-50	A31
685	DHB-2-FB	A25
695	MTB-550	A29
709	5SDP-200	A19, P22
756	43058	A12
768	41058	A12
772	41050	A12
782	41050T	A12
795	42150T	A12
796	42200T	A12
829	53050	A18
876	5512	A20
885	52150T	A19
893	4R000S	A5
898	51150T	A19
899	51200T	A19
926	FSB-NBH	A1
936	FSB-OBH	A1
937	FSDB-OBH	A1
941	SDBL-2	A26
942	SDBL-3	A26
943	SDBL-4	A26
944	SDBL-5	A26
945	SDBL-6	A26
951	SB-2	A26
952	SB-3	A26
953	SB-4	A26
954	SB-5	A26
955	SB-6	A26
956	SB-7	A26
957	SB-8	A26
958	SB-9	A26
969	OWG	A37, D75, P25
972	5502	A20
974	SDB-D	A26
978	ABS-6	A40, D75
979	5522	A20
993	PTST-8	A37
996	GS-1032-PT	A37
1103	CB-75	D68
1104	CB-100	D68
1105	CB-125	D68
1106	CB-150	D68
1108	CB-200	D68
1110	CB-250	D68
1112	CB-300	D68
1114	CB-350	D68
1116	CB-400	D68
1126	CBI-250	D68
1126	MCBI-250	D68
1127	CBI-300	D68
1127	MCBI-300	D68
1128	CBI-350	D68

RACO	ORBIT	PAGE
1128	MCBI-350	D68
1129	CBI-400	D68
1129	MCBI-400	D68
1132	CBI-50	D68
1132	MCBI-50	D68
1133	CBI-75	D68
1133	MCBI-75	D68
1134	CBI-100	D68
1134	MCBI-100	D68
1135	CBI-125	D68
1135	MCBI-125	D68
1136	CBI-150	D68
1136	MCBI-150	D68
1138	CBI-200	D68
1138	MCBI-200	D68
1177	MRB-350/300	D67
1186	MRB-400/350	D67
1207	LTSR-250	D17, D72
1209	LTSR-300	D17, D72
1210	LTSR-350	D17, D72
1211	LTSR-400	D17, D72
1290	MGBLL-250-10	D27, D69
1432	SRECS-50	D6, D22, D26
1433	SRECS-75	D6, D22, D26
1434	SRECS-100	D6, D22, D26
1502	MR3C-50	D24
1503	MR3C-75	D24
1504	MR3C-100	D24
1505	MR3C-125	D24
1506	MR3C-150	D24
1508	MR3C-200	D24
1510	MR3C-250	D24
1512	MR3C-300	D24
1514	MR3C-350	D24
1516	MR3C-400	D24
1520	MR3C-500	D24
1524	MR3C-600	D24
1722	MSE90-50	D25
1723	MSE90-75	D25
1802	MRT-50	D23
1803	MRT-75	D23
1804	MRT-100	D23
1805	MRT-125	D23
1806	MRT-150	D23
1808	MRT-200	D23
1810	MRT-250	D23
1812	MRT-300	D23
1814	MRT-350	D23
1816	MRT-400	D23
1822	MRTC-50	D23
1823	MRTC-75	D23
1824	MRTC-100	D23
1825	MRTC-125	D23
1826	MRTC-150	D23
1828	MRTC-200	D23
1830	MRTC-250	D23
1832	MRTC-300	D23
1834	MRTC-350	D23
1836	MRTC-400	D23
2072	CC90-50	D5
2081	S1-38	D56
2083	SE1-75	D56
2254	NS-100	A38, D58
2452	LTSR-50	D17, D72
2453	LTSR-75	D17, D72
2454	LTSR-100	D17, D72
2455	LTSR-125	D17, D72
2456	LTSR-150	D17, D72
2458	LTSR-200	D17, D72
2468	WECC-200-40	D16
2475	WECC-125-2	D16
2485	WECC-125-3	D16
2486	WECC-150-20	D16
2498	WECC-200-30	D16
2506	GCR-50/100	D30
2507	GCAH-50/100	D30
2508	GCAH-125/200	D30
2510	BCM-50	D54, D78
2632	OF694	D10, D26
2750	DSC-38	D13, P27
4714	PQLC-38	D70
4721	NGC-38-197/394	D16
4722	NGC-50-384/551	D16
4723	NGC-75-551/709	D16
4724	NGC100-709/984	D16
4731	NMLT90-38	D17
9001	FB-3	P7
9002	FB-4	P7

RACO	ORBIT	PAGE
9010	KB-18	P7
9017	LVWP1	A39
10093	4M3-TS	A27
10094	4M4-TS	A27
31146	PWH-L	A41, D79
1002	SLN-50	D71
1003	SLN-75	D71
1004	SLN-100	D71
1005	SLN-125	D71
1006	SLN-150	D71
1008	SLN-200	D71
1010	SLN-250	D71
1012	SLN-300	D71
1014	SLN-350	D71
1016	SLN-400	D71
1020	SLN-500	D71
1024	SLN-600	D71
1042	KO-50	D61
1043	KO-75	D61
1044	KO-100	D61
1045	KO-125	D61
1046	KO-150	D61
1048	KO-200	D61
110	3RB-50	A2
1102RAC	CB-50	D68
111	3RB-50-EXT	A2
112	3RB-NM	A2
1141	RB-50/38	D67
1142	RB-75/50	D67
1143	RB-100/50	D67
1144	RB-100/75	D67
1145	RB-125/50	D67
1146	RB-125/75	D67
1147	RB-125/100	D67
1148	RB-150/50	D67
1149	RB-150/75	D67
1150	RB-150/100	D67
1151	RB-150/125	D67
1152	RB-200/50	D67
1153	RB-200/75	D67
1154	RB-200/100	D67
1155	RB-200/125	D67
1156	RB-200/150	D67
119	3RB-NM-FB	A2
1202	SSLN-50	D71
1203	SSLN-75	D71
1204	SSLN-100	D71
1205	SSLN-125	D71
1206	SSLN-150	D71
1207	SSLN-250	D71
1208	SSLN-200	D71
1209	SSLN-300	D71
1210	SSLN-350	D71
1211	SSLN-400	D71
1212	MGBLL-50	D27, D69
1213	MGBLL-75	D27, D69
1214	MGBLL-100	D27, D69
1215	MGBLL-125	D27, D69
1216	MGBLL-150	D27, D69
1218	MGBLL-200	D27, D69
1242	GL-50	D28, D72
1243	GL-75	D28, D72
1244	GL-100	D28, D72
1245	GL-125	D28, D72
1246	GL-150	D28, D72
1248	GL-200	D28, D72
125	D4RB-50	A3
1250	GL-250	D28, D72
1252	GL-300	D28, D72
1254	GL-350	D28, D72
1256	GL-400	D28, D72
126	D4RB-75	A3
1262DC	GBLL-50	D27, D69
1263DC	GBLL-75	D27, D69
1264DC	GBLL-100	D27, D69
127	D4RB-50/75	A3
127TS	4RB-MKO-FB	A3
1294	MGBLL-350	D27, D69
1296	MGBLL-400	D27, D69
130	4RB-MKO-EXT	A3
1301	SRM1-50	D54, D57
1302	SRM1-75	D54, D57
1304	SRM1-100	D54, D57
1305	SRM1-125	D54, D57
1306	SRM1-150	D54, D57
1308	SRM1-200	D54, D57
1310	SRM1-250	D54, D57
1312	SRM1-300	D54, D57

RACO	ORBIT	PAGE
1314	SRM1-350	D54, D57
1316	SRM1-400	D54, D57
1332	SR1-50	D57
1333	SR1-75	D57
1334	SR1-100	D57
1335	SR1-125	D57
1336	SR1-150	D57
1337	SU1-250	D56, D57
1338	SR1-200	D57
1339	SU1-300	D56, D57
1340	SU1-350	D56, D57
1341	SU1-400	D56, D57
1342	CBS-50	D54
1343	CBS-75	D54
1344	CBS-100	D54
1345	CBS-125	D54
1346	CBS-150	D54
1347	CBS-250	D54
1348	CBS-200	D54
1349	CBS-300	D54
1350	CBS-350	D54
1351	CBS-400	D54
1365	RW-75/50	D73
1366	RW-100/50	D73
1367	RW-100/75	D73
1368	RW-125/50	D73
1369	RW-125/75	D73
1370	RW-125/100	D73
1371	RW-150/50	D73
1372	RW-150/75	D73
1373	RW-150/100	D73
1374	RW-150/125	D73
1375	RW-200/50	D73
1376	RW-200/75	D73
1377	RW-200/100	D73
1378	RW-200/125	D73
1379	RW-200/150	D73
1380	RW-250/100	D73
1381	RW-250/125	D73
1382	RW-250/150	D73
1383	RW-250/200	D73
1384	RW-300/125	D73
1385	RW-300/150	D73
1386	RW-300/200	D73
1387	RW-300/250	D73
1389	RW-350/200	D73
1390	RW-350/250	D73
1391	RW-350/300	D73
1392	RW-400/200	D73
1393	RW-400/250	D73
1394	RW-400/300	D73
1402	PB-50	D67
1403	PB-75	D67
1404	PB-100	D67
1405	PB-125	D67
1406	PB-150	D67
1408	PB-200	D67
1410	PB-250	D67
1412	PB-300	D67
1414	PB-350	D67
1416	PB-400	D67
1420	PB-500	D67
1424	PB-600	D67
1440B35	ASB-516	D14, P28
1441B35	ASB-38	D14, P28
1442B20	ASB-50	D14, P28
1443B16	ASB-75	D14, P28
1447B35	ASB-716	D14, P28
1452	ON-50	D62
1453	ON-75	D62
1454	ON-100	D62
1455	ON-125	D62
1456	ON-150	D62
1458	ON-200	D62
1482	OF1611	D5, D9, D26
1483	OF1612	D5, D9, D26
1484	OF1613	D5, D9, D26
1494B25	PUSG	D70
153	4RB-MC	A4
155	4RB-MC-FB	A4
157	4RB-MC-LB	A4
158	4RB-50-LB	A3
160	4RB-NM-LB	A3
164	4RB-NM-FB	A3
1662	CN-50	D62
1663	CN-75	D62
1664	CN-100	D62
1665	CN-125	D62

RACO®

RACO	ORBIT	PAGE	RACO	ORBIT	PAGE	RACO	ORBIT	PAGE	RACO	ORBIT	PAGE
1666	CN-150	D62	2140	OF7707	D1	2441	SES1-50	D58	2823	OF612	D4
1668	CN-200	D62	2142	OF7708	D1	2442	SES1-75	D58	2824	OF613	D4
167	4RDB-MKO	A4	2144	OF7709	D1	2443	SES1-100	D58	2825	OF614	D4
167TS	4RDB-MKO-FB	A4	2146	OF7710	D1	245/247	5SSB-MKO	A16	2826	OF615	D4
1702	WH-50	D60	2150	OF7717	D1	248	4SDB-MC	A10, P19	2828	OF616	D4
1703	WH-75	D60	2152	OF7718	D1	2504	GCB-50/100	D29	2832	OF601-S	D4
1704	WH-100	D60	2154	OF7719	D1	2505	GCB-125/200	D29	2833	OF602-S	D4
1705	WH-125	D60	2156	OF7720	D1	2512	GCH-50/100-50	D30	2834	OF603-S	D4
1706	WH-150	D60	2160	OF7707-S	D1	2513	GCH-50/100-75	D30	2835	OF604-S	D4
1708	WH-200	D60	2162RAC	OF7708-S	D1	2524	BCM-25	D54, D78	2836	OF605-S	D4
1710	WH-250	D60	2164	OF7709-S	D1	2538	BCM-38	D54, D78	2838	OF606-S	D4
1712	WH-300	D60	2166	OF7710-S	D1	254	5SDB-MKO-FB	A17	2840	OF607	D4
1714	WH-350	D60	218	4SB-MC-FB	A8	255	4SEDB-CKO-FB	A11	2842	OF608	D4
1716	WH-400	D60	219	4SB-MC-WB	A8, P20	257F	5SDB-MKO-PT	A17, P20	2844	OF609	D4
176	4RDB-NM-LB	A4	220	4SB-NM-WB	A8	257SM	5SDB-MKO-A-PT	A17	2846	OF610	D4
1762	OCS-50	D5	223	4SB-NM-FB	A8	259	5SDB-125	A17	2863	RX-75	D11
1763	OCS-75	D5	2232	SR2-50	D57	2602	OF701	D3	2864	RX-100	D11
1802	RT-50	D22	2233	SR2-75	D57	2603	OF702	D3	287	3PDB-NM	A2
1803	RT-75	D22	2234	SR2-100	D57	2604	OF703	D3	2870	OF617	D4
1804	RT-100	D22	2235	SR2-125	D57	2605	OF704	D3	2872	OF618	D4
1805	RT-125	D22	2236	SR2-150	D57	2606	OF705	D3	2874	OF619	D4
1806	RT-150	D22	2238	SR2-200	D57	2608	OF706	D3	2876	OF620	D4
1808	RT-200	D22	2239	SU2-250	D56, D57	2611	MC-DX-50	D13	2890	OF607-S	D4
1822	RTC-50	D23	224	4SB-MC-B	A8, P20	2622	OF711	D3	2892	OF608-S	D4
1823	RTC-75	D23	2240	SU2-300	D56, D57	2623	OF712	D3	2894	OF609-S	D4
1824	RTC-100	D23	2241	SU2-350	D56, D57	2624	OF713	D3	2896	OF610-S	D4
1825	RTC-125	D23	2242	SU2-400	D56, D57	2625	OF714	D3	2902	OF7601	D2
1826	RTC-150	D23	225	4SB-NM-B	A8	2626	OF715	D3	2902RT	OF7601-W	D2
1828	RTC-200	D23	2252	NS-50	A38, D58	2628	OF716	D3	2903	OF7602	D2
185	D4SSB-50	A6	2253	NS-50/75	A38, D58	2632	OF654	D8	2903RT	OF7602-W	D2
189	4SB-MKO	A7	2272	OF676	D7	2634	OF701-S	D3	2904	OF7603	D2
189SM	4SB-MKO-PT	A7	2273	OF677	D7	2635	OF702-S	D3	2904RT	OF7603-W	D2
190	D4SB-50	A6	228	4SB-NM-MS	A8	2636	OF703-S	D3	2905	OF7604	D2
191	D4SB-75	A6	2281	OF671	D7	2637	OF704-S	D3	2905RT	OF7604-W	D2
192	D4SB-50/75	A6	2282	OF672	D7	2638	OF705-S	D3	2906	OF7605	D2
192SM	D4SB-50/75-PT	P20	2283	OF673	D7	2639	OF706-S	D3	2906RT	OF7605-W	D2
193	4SB-MKO-B	A7	229	4SB-MC-MS	A8	2640	OF707	D3	2908	OF7606	D2
1952	OCC-50	D5	2302EC	MCCE-50	D53	2642	OF708	D3	2908RT	OF7606-W	D2
1953	OCC-75	D5	2303EC	MCCE-75	D53	2644	OF709	D3	2912	OF7601-S	D2
196	4SB-MKO-FB	A7	2304EC	MCCE-100	D53	2646	OF710	D3	2912RT	OF7601-SW	D2
197	4SB-MKO-WB	A7	2305EC	MCCE-125	D53	2648	OF707-S	D3	2913	OF7602-S	D2
199	4SB-75-FB	A7	2306EC	MCCE-150	D53	2649	OF708-S	D3	2913RT	OF7602-SW	D2
1FAC	1MFC-D	C12, D52	2308EC	MCCE-200	D53	265	5SDB-75/100	A17	2914	OF7603-S	D2
1FBC	1MFC-B	C12, D52	231	4SDB-75	A9	2650	OF709-S	D3	2914RT	OF7603-SW	D2
1FTC	1MFC-TS	C12, D52	2310EC	MCCE-250	D53	2651	OF710-S	D3	2915	OF7604-S	D2
2002	OF7701	D1	2312EC	MCCE-300	D53	2652	PE-50	D32	2915RT	OF7604-SW	D2
2003	OF7702	D1	232	4SDB-MKO	A9	2653	PE-75	D32	2916	OF7605-S	D2
2004	OF7703	D1	2322PC	MCCP-50	D53	2654	PE-100	D32	2916RT	OF7605-SW	D2
2005	OF7704	D1	2323PC	MCCP-75	D53	2655	PE-125	D32	2918	OF7606-S	D2
2006	OF7705	D1	2324PC	MCCP-100	D53	266	5SDB-MKO-MS	A17	2918RT	OF7606-SW	D2
2008	OF7706	D1	2325PC	MCCP-125	D53	2661	OF6620	D12	292	3PB-NM	A2
2022	OF7711	D1	2326PC	MCCP-150	D53	2662	PEB-50	D32	2922	OF7611	D2
2023	OF7712	D1	2328PC	MCCP-200	D53	2663	PEB-75	D32	2922RT	OF7611-W	D2
2024	OF7713	D1	232SM	4SDB-MKO-PT	A9, P20	2664RAC	PEB-100	D32	2923	OF7612	D2
2025	OF7714	D1	233	4SDB-100	A9	2670	OF717	D3	2923RT	OF7612-W	D2
2026	OF7715	D1	2330PC	MCCP-250	D53	2672	OF718	D3	2924	OF7613	D2
2028	OF7716	D1	2332PC	MCCP-300	D53	2674	OF719	D3	2924RT	OF7613-W	D2
2041	PH-105B	D55	2334PC	MCCP-350	D53	2676	OF720	D3	2925	OF7614	D2
2052	PH-50B	D55	2336PC	MCCP-400	D53	2691	OF643	D9, D13	2925RT	OF7614-W	D2
2053	PH-75B	D55	235	4SDB-MKO-WB	A9	2692	OF644	D9, D13	2926	OF7615	D2
2054	PH-100B	D55	2352RC	MCCR-50	D53	2693	OF645	D9, D13	2926RT	OF7615-W	D2
2055	PH-125B	D55	2353RC	MCCR-75	D53	2694	OF6463	D9	2928	OF7616	D2
2056	PH-150B	D55	2354RC	MCCR-100	D53	2695	OF6464	D9	2928RT	OF7616-W	D2
2057	PH-250B	D55	2355RC	MCCR-125	D53	2696	OF6465	D9	293	4PB	A2
2058	PH-200B	D55	2356RC	MCCR-150	D53	2698	OF6466	D9	2940	OF7607	D2
2059	PH-300B	D55	2358RC	MCCR-200	D53	270RAC	2CB	A30	2940RT	OF7607-W	D2
2060	PH-350B	D55	236	4SDB-75-FB	A9	271	25CB	A30	2942	OF7608	D2
2061	PH-400B	D55	2360RC	MCCR-250	D53	2711	RX-50	D11	2942RT	OF7608-W	D2
208	4SB-MKO-OB	A7	2362RC	MCCR-300	D53	2715	FLD-50	D14, P27	2944	OF7609	D2
2082	SE1-50	D56	2364RC	MCCR-350	D53	272	3CB	A30	2944RT	OF7609-W	D2
2084	SE1-100	D56	2366RC	MCCR-400	D53	273	35CB	A30	2946	OF7610	D2
2085	SE1-125	D56	237	4SDB-MKO-FB	A9	274	4CB	A30	2946RT	OF7610-W	D2
2086	SE1-150	D56	238	4SDB-MKO-MS	A9	275	5CB	A30	2950	OF7617	D2
2088	SE1-200	D56	239	D4SDB-50/75	A6	2752	SSPE-50	D32	2950RT	OF7617-W	D2
2092	SE2-50	D56	240	4SDB-NM-FB	A10	2753	SSPE-75	D32	2952	OF7618	D2
2093	SE2-75	D56	2402	EC-50	D59	2754	SSPE-100	D32	2952RT	OF7618-W	D2
2094	SE2-100	D56	2403	EC-75	D59	276	6CB	A30	2954	OF7619	D2
2095	SE2-125	D56	2404	EC-100	D59	2762	SSPEB-50	D32	2954RT	OF7619-W	D2
2096	SE2-150	D56	2405	EC-125	D59	2763	SSPEB-75	D32	2956	OF7620	D2
2098	SE2-200	D56	2406	EC-150	D59	2800	FLC-50	D14, P27	2956RT	OF7620-W	D2
211	4SB-NM	A8	2408	EC-200	D59	2801	FLC-75L	D14, P27	296	FSB	A1
2122	OF7701-S	D1	241	4SDB-MC-FB	A10	2802	OF601	D4	2960	OF7607-S	D2
2123	OF7702-S	D1	2410	EC-250	D59	2803	OF602	D4	2960RT	OF7607-SW	D2
2124	OF7703-S	D1	2412	EC-300	D59	2804	OF603	D4	2962	OF7608-S	D2
2125	OF7704-S	D1	2414	EC-350	D59	2805	OF604	D4	2962RT	OF7608-SW	D2
2126	OF7705-S	D1	2416	EC-400	D59	2806	OF605	D4	2964	OF7609-S	D2
2128	OF7706-S	D1	242	4SDB-NM	A10	2808	OF606	D4	2964RT	OF7609-SW	D2
213	4SB-MC	A8	243	4SDB-MC-MS	A10	2822	OF611	D4	2966	OF7610-S	D2

RACO®

RACO	ORBIT	PAGE	RACO	ORBIT	PAGE	RACO	ORBIT	PAGE	RACO	ORBIT	PAGE
2966RT	OF7610-SW	D2	3524DC	LTi-350	D18	517	GB-1-NM-OW	A34	795	42150T	A12
299	FSDB	A1	3526	MLTI-400	D18	5179-0/5180-0	1C-DH	C4	796	42200T	A12
3002	RS-50	D22	3526-3	MLTILL-400	D19	518	GB-1-MC	A34	800C	4401	A13
3003	RS-75	D22	3526DC	LTi-400	D18	5181-0	1CP-DH	C5	801C	4403	A13
3004	RS-100	D22	353	GMB-MC-NO	A36	519	GB-1-NM	A34	803C	4411	A13
3005	RS-125	D22	3541-3	MLTI90LL-38	D21	522	GB-1-MC-B	A34	805C	4413	A13
3006	RS-150	D22	3541DC	LTi90-38	D20	523	GB-1-MC-OW	A34	806C	4423	A13
3008	RS-200	D22	3541RAC	MLTI90-38	D21	524	GB-1-MC-FB	A34	807C	4433	A13
3022	RSC-50	D22	3542	MLTI90-50	D21	529	GB-1-NM-B	A34	808C	4404	A13
3023	RSC-75	D22	3542-3	MLTI90LL-50	D21	531	GB-1-NM-FB	A34	809	4444	A13
3024	RSC-100	D22	3542DC	LTi90-50	D20	560	GMB-1	A35	809C	4444C	A13
3025	RSC-125	D22	3543	MLTI90-75	D21	561	GMB-1-NE	A35	810C	4407	A13
3026	RSC-150	D22	3543-3	MLTI90LL-75	D21	562	GMB-1-FB	A35	811C	4406	A13
3028	RSC-200	D22	3543DC	LTi90-75	D20	564	GMB-1-NM-FB	A35	812C	4405	A13
324	4RB-50-BHA	A3	3544	MLTI90-100	D21	5652-1	CP-5	A5, E35	813C	4408	A13
325	4RB-MC-BHA	A4	3544-3	MLTI90LL-100	D21	567	GMB-1-NM	A35	814	4414	A13
326	4RB-NM-BHA	A3	3544DC	LTi90-100	D20	570RAC	GMB-1-MC	A35	814C	4414C	A13
3401	MLT-38	D18	3545	MLTI90-125	D21	574	GMB-1-MC-FB	A35	817C	4409	A13
3401DC	LT-38	D18	3545-3	MLTI90LL-125	D21	590	GDB-1	A36	818	52058	A19
3402	MLT-50	D18	3545DC	LTi90-125	D20	592	GDB-1-NE	A36	819	52100	A19
3402DC	LT-50	D18	3546	MLTI90-150	D21	600	GDB-1-MC	A36	820	52125	A19
3403	MLT-75	D18	3546-3	MLTI90LL-150	D21	601	GDB-1-NM	A36	821	SR-2	A27
3403DC	LT-75	D18	3546DC	LTi90-150	D20	603	GDB-1-NM-B	A36	822	SR-3	A27
3404	MLT-100	D18	3548	MLTI90-200	D21	604	GDB-1-MC-FB	A36	823	SR-4	A27
3404DC	LT-100	D18	3548-3	MLTI90LL-200	D21	605	GDB-1-NM-FB	A36	824	SR-5	A27
3405	MLT-125	D18	3548DC	LTi90-200	D20	650	HSB-1-50	A31	825	SR-6	A27
3405DC	LT-125	D18	355	GMB-NM-NO	A36	653	HSB-1-50-EXT	A31	826	SR-7	A27
3406	MLT-150	D18	3550	MLTI90-250	D21	655	HSB-1-50-B	A31	827	SR-8	A27
3406DC	LT-150	D18	3550-3	MLTI90LL-250	D21	660	HB-1-50	A31	828	SR-9	A27
3408	MLT-200	D18	3550DC	LTi90-250	D20	662	HB-1-50-FB	A31	829	53050	A18
3408DC	LT-200	D18	3552	MLTI90-300	D21	663	DHB-1-75	A31	832	5BC	A18
3410	MLT-250	D18	3552-3	MLTI90LL-300	D21	665	HB-1-50-EXT	A31	833	5BCK	A18
3412	MLT-300	D18	3552DC	LTi90-300	D20	670RAC	HDB-1-50	A32	835	53058	A18
3414	MLT-350	D18	3554DC	LTi90-350	D20	678	HDB-1-50-FB	A32	837	51050	A19
3416	MLT-400	D18	3556	MLTI90-400	D21	683	DHB-2	A25	838	51075	A19
3421	MLT90-38	D21	3556-3	MLTI90LL-400	D21	685	DHB-2-FB	A25	839	51100	A19
3421DC	LT90-38	D20	3556DC	LTi90-400	D20	686	MSB-3-FB	A28	840	52075	A19
3422	MLT90-50	D21	3561	MLT45-38	D19	687	MSB-4-FB	A28	841	52050	A19
3422DC	LT90-50	D20	3561-3	MLT45LL-38	D20	688	MSBG-1	A28	842	51125	A19
3423	MLT90-75	D21	3562	MLT45-50	D19	689	MBG-1	A29	843	51058	A19
3423DC	LT90-75	D20	3562-3	MLT45LL-50	D20	690	MSB-1	A28	844	4M2-B	A27
3424	MLT90-100	D21	3563	MLT45-75	D19	691	MSB-2	A28	845	4M3-B	A27
3424DC	LT90-100	D20	3563-3	MLT45LL-75	D20	692	MSB-3	A28	846	4M4-B	A27
3425	MLT90-125	D21	3564	MLT45-100	D19	693	MSB-4	A28	847	4M5-B	A27
3425DC	LT90-125	D20	3564-3	MLT45LL-100	D20	694	MSB-5	A28	848	4M6-B	A27
3426	MLT90-150	D21	3565	MLT45-125	D19	695	MB-1	A29	849	4M7-B	A27
3426DC	LT90-150	D20	3565-3	MLT45LL-125	D20	696	MB-2	A29	850	4M8-B	A27
3428	MLT90-200	D21	3566	MLT45-150	D19	697	MB-3	A29	851	4M9-B	A27
3428DC	LT90-200	D20	3566-3	MLT45LL-150	D20	698	MB-4	A29	856	5504	A20
3430	MLT90-250	D21	3568	MLT45-200	D19	699	MB-5	A29	857	5544	A20
3432	MLT90-300	D21	3568-3	MLT45LL-200	D20	703	3RBCK	A2	858	5514	A20
3436	MLT90-400	D21	3C-U	3C-3D	C6	706RAC	4SP-100	A15	860	HBC-B	A32
3441	MLT45-38	D19	3C-U	3C-3S	C6	707RAC	4SDP-100	A15	861	HBC-BK	A32
3442	MLT45-50	D19	400	GESB-1	A33	708	4SP-200	A15	862	HBC-GFI	A32
3443	MLT45-75	D19	410	GESB-1-NM	A33	709	4SDP-200	A15	863	HBC-SR	A32
3444	MLT45-100	D19	420	GSB-1	A33	722	4RBC	A5	864	HBC-DR	A32
3445	MLT45-125	D19	440	GSB-1-MC	A33	724	4RBCK	A5	865	HBC-TS	A32
3446	MLT45-150	D19	445	GSB-1-NM	A33	727	4R058X	A5	867	HBC-PO	A32
3448	MLT45-200	D19	471	GBV	A33	729	4RC-TS	A5	870RAC	5501	A20
3511-3	MLTILL-38	D19	4721	NMLT-38	D17	730	4RC-SR	A5	876	5512	A20
3511DC	LTi-38	D18	4722	NMLT-50	D17	731	4RC-DR	A5	878	5507	A20
3511RAC	MLTI-38	D18	4723	NMLT-75	D17	732	4R100X	A5	881RAC	5511	A20
3512-3	MLTILL-50	D19	4724	NMLT-100	D17	737	4R050X	A5	885	52150T	A19
3512DC	LTi-50	D18	4725	NMLT-125	D17	752	4BC	A12	887	5505	A20
3512RAC	MLTI-50	D18	4726	NMLT-150	D17	753	4BCK	A12	888	5508	A20
3513-3	MLTILL-75	D19	4728	NMLT-200	D17	756	43058	A12	890	CB-BK	A30
3513DC	LTi-75	D18	473	GBV-NE	A33	757	43100	A12	891	CB-BK-STUD	A30
3513RAC	MLTI-75	D18	4732	NMLT90-50	D17	758	43125	A12	892	CB-B	A30
3514-3	MLTILL-100	D19	4733	NMLT90-75	D17	759	43075	A12	893	4R000S	A5
3514DC	LTi-100	D18	4734	NMLT90-100	D17	767	43050	A12	895	SCR-75	A5, H14
3514RAC	MLTI-100	D18	487	GBV-OW	A33	768	41058	A12	896	SCS-75	A5, H14
3515-3	MLTILL-125	D19	500	GB-1	A34	769	42058	A12	898	51150T	A19
3515DC	LTi-125	D18	5002-0/5101-0	1C-GH	C4	770	41025	A12	899	51200T	A19
3515RAC	MLTI-125	D18	501	GB-1-NE	A34	771	41025	A12	9001	FMB-16	P9
3516	MLTI-150	D18	502	GB-1-B	A34	772	41050	A12	9002	FMB-24	P9
3516-3	MLTILL-150	D19	5027-0	1CL-DV	C5	773	41075	A12	9013R	BHA-16	A40, D75, P3
3516DC	LTi-150	D18	5027-0/5146-0	1C-DV	C4	774	41100	A12	9015R	BHA-24	A40, D75, P3
3518	MLTI-200	D18	5028-0	1CL-GV	C5	775	41125	A12	9018	BMA-23	P10
3518-3	MLTILL-200	D19	503	GB-1-MKO	A34	776	42025	A12	9018	BMA-4	P10
3518DC	LTi-200	D18	504	GB-1-FB	A34	777	42025	A12	9018	UMA-LVBS	P1
3520	MLTI-250	D18	5045-0/5157-0	2C-2G	C6	778	42050	A12	902C	4402	A13
3520-3	MLTILL-250	D19	506	GB-1-OW	A34	779	42075	A12	906C	4412	A13
3520DC	LTi-250	D18	509	TG-1	A34	780	42100	A12	907C	4422	A13
3522	MLTI-300	D18	5104-0	1CP-GV	C5	781	42125	A12	911-1	FA-4SEDB-CKO-FB	A11, A24
3522-3	MLTILL-300	D19	512	TG-1-NM	A34	785	41150	A12	911-11	FA-5BC	A24
3522DC	LTi-300	D18	5132-0	2C-2D	C6	786	41200	A12	911-12	FA-5SDB-MKO	A24
3524	MLTI-350	D18	5138-0	2C-2S	C6	787	41000	A12	911-2	FA-4SEDB-CKO	A11, A24
3524-3	MLTILL-350	D19	5147-0	1CP-DV	C5	791	42000	A12	911-3	FA-4SDB-MKO	A24

RACO®

RACO	ORBIT	PAGE	RACO	ORBIT	PAGE	RACO	ORBIT	PAGE	RACO	ORBIT	PAGE
911-4	FA-4SDB-MKO-FB	A24	ELB050	SSLB-50	D41	MOLB-7	LBM-250	D35	SC060604NK	664NK	B1
911-6	FA-4SB-MKO-EXT	A24	ELB075	SSLB-75	D41	MOLB-8	LBM-300	D35	SC060606	666	B1
911-8	FA-4BC	A24	ELB100	SSLB-100	D41	MOLB-9	LBM-350	D35	SC060606NK	666NK	B1
911-9	FA-4SB-MKO	A24	ELB125	SSLB-125	D41	MX1050S	1C-U	C3	SC080804	884	B1
915	4424	A13	ELB150	SSLB-150	D41	MX2050S	2C-U	C3	SC080804NK	884NK	B1
915C	4424C	A13	ELB200	SSLB-200	D41	MX3200	WIUM-1DV	C1	SC080806	886	B1
920	BHA-1	A40, D75	ELB250	SSLB-250	D41	MX3300	WIUM-1DH	C1	SC080806NK	886NK	B1
922	BHA-1C	A40, D75	ELB300	SSLB-300	D41	MX6200	WIUM-2U	C1	SC101004	10104	B1
941	SDBL-2	A26	ELB350	SSLB-350	D41	NMPI050	PQLC-75	D70	SC101006	10106	B1
942	SDBL-3	A26	ELB400	SSLB-400	D41	NMSI050	NM-50	D11, P28	SC101006NK	10106NK	B1
943	SDBL-4	A26	ELL050	SSLL-50	D41	OLB-0CG	LB-400A	D33	SC10104NK	10104NK	B1
944	SDBL-5	A26	ELL075	SSLL-75	D41	OLB-7CG	LB-250A	D33	SC1181806NK	18186NK	B1
945	SDBL-6	A26	ELL100	SSLL-100	D41	OLB-8CG	LB-300A	D33	SC121204	12124	B1
949	SDB-D	A26	ELL125	SSLL-125	D41	OLB-9CG	LB-350A	D33	SC121204NK	12124NK	B1
951	SB-2	A26	ELL150	SSLL-150	D41	OLB-9M	MLB-350	D38	SC121206	12126	B1
952	SB-3	A26	ELL200	SSLL-200	D41	PFB1	FLBC-P-R	E12	SC121206NK	12126NK	B1
953	SB-4	A26	ELR050	SSLR-50	D41	PFB1A	FLBPU-AR	E12	SC121208	12128	B1
954	SB-5	A26	ELR075	SSLR-75	D41	R22BAG5R	GRC-58	D31	SC121208NK	12128NK	B1
955	SB-6	A26	ELR100	SSLR-100	D41	R-76	RB-250/200	D67	SC121806	12186	B1
957	SB-8	A26	ELR125	SSLR-125	D41	R-86	RB-300/200	D67	SC121806NK	12186NK	B1
958	SB-9	A26	ELR150	SSLR-150	D41	R-87	RB-300/250	D67	SC181804	18184	B1
959	5524	A20	ELR200	SSLR-200	D41	R-97	RB-350/250	D67	SC181804NK	18184NK	B1
960	MSB-6	A28	ET050	SST-50	D42	RACIBB-5	IGBB-5	D29	SC181806	18186	B1
965	MB-6	A29	ET075	SST-75	D42	RE450S	EXR-R	C11	SC181808	18188	B1
971	MB-D	A28	ET100	SST-100	D42	RL124	CLS	E34	SC181808NK	18188NK	B1
972	5502	A20	ET125	SST-125	D42	RL1250	LL-250A	D33	SC242404	24244	B1
973	GS-1032	A37	ET150	SST-150	D42	RLL250	LL-250A	D33	SC242404NK	24244NK	B1
974	SDB-D	A26	ET200	SST-200	D42	RLL300	LL-300A	D33	SC242406	24246	B1
975	GC	A37	FD-1M	1MFD-50	C12, D51	RLR250	LR-250A	D34	SC242406NK	24246NK	B1
976	SB-EXT	A37	FD-2M	1MFD-75	C12, D51	RLR300	LR-300A	D34	SC242408	24248	B1
977	SBS	A37, D76, P25	FD-3M	1MFD-100	C12, D51	RLR400	LR-400A	D34	SC242408NK	24248NK	B1
978	ABS	A40, D75	FS-1M	1MFS-50	C12, D51	RLT250	T-250A	D35	SD450S	1DB50-4	C7
979	5522	A20	FS-2M	1MFS-75	C12, D51	RLT300	T-300A	D35	SD475S	1DB75-4	C7
996	GS-1032-PT	A37	FS-3M	1MFS-100	C12, D51	RLT400	T-400A	D35	SE475S	EXF75-4	C10
AN-10S	RN-400-400	D64	FS-4	1SFC-B	C12, D52	RR330F	R30-3	E18	SS113	OS113	E33
AN-1BS	RN-50-200	D63	FS-6	1SFC-D	C12, D52	RR350F	R50-3	E18	SS22	OS21	E33
AN-1S	RN-50-150	D63	FS-9	1SFC-TS	C12, D52	RR430F	R30-4	E18	SS226	OS226	E33
AN-2BS	RN-75-200	D63	FSC-1M	1MFDC-50	C12, D51	RR450F	R50-4	E18	SS33	OS33	E32
AN-2S	RN-75-150	D63	FSC-1M	1MFSC-50	C12, D51	RSC040404	444R	B2	SS43	OS43	E32
AN-2S	RN-75-C	D63	FSC-2M	1MFDC-75	C12, D51	RSC040404NK	444RNK	B2	SS701	OS701	E33
AN-3S	RN-100-200	D63	FSC-2M	1MFSC-75	C12, D51	RSC040604	464R	B2	SS826	OS826	E33
AN-4S	RN-125-200	D63	FSC-3M	1MFDC-100	C12, D51	RSC040604NK	464RNK	B2	SS83	OS83	E32
AN-5S	RN-150-200	D63	FSC-3M	1MFSC-100	C12, D51	RSC060604	664R	B2	SS84	OS84	E32
AN-7S	RN-250-300	D64	KLU125	MLDB-6/100	D28	RSC060604NK	664RNK	B2	SW7187FL	SEWG-2	D79
AN-8S	RN-300-300	D64	KLU25	MLDB-14/10	D28	RSC060606NK	666R	B2	SW7195FL	SEWG-1	D79
AN-9S	RN-350-400	D64	KLU35	MLDB-14/6	D28	RSC060606NK	666RNK	B2	SW7197FL	SEWG-3	D79
BC100S	1-BC-G	C4	LL107	LL7-400	D45	RSC080804	884R	B2	TB7100S	3DB100-7	C9
C17	C7-50	D45	LL117	LL7-50	D45	RSC080804NK	884RNK	B2	TB750S	3DB50-7	C9
C18	C8-50	D49	LL18	LL8-50	D48	RSC080806	886R	B2	TB775S	3DB75-7	C9
C2070075	PWH-M	A41, D79	LL27	LL7-75	D45	RSC080806NK	886RNK	B2	TC100	1CA-SW	C4
C27	C7-75	D45	LL28	LL8-75	D48	RSC101004	10104R	B2	TC200	2CA-2SW	C6
C28	C8-75	D49	LL37	LL7-100	D45	RSC101004NK	10104RNK	B2	WSS2-2	OS703	E33
C37	C7-100	D45	LL38	LL8-100	D48	RSC101006	10106R	B2	WSS-B	OS13	E32
C38	C8-100	D49	LL47	LL7-125	D45	RSC101006NK	10106RNK	B2	WSS-BB	OS23	E32
C47	C7-125	D45	LL48	LL8-125	D48	RSC121204	12124R	B2	WSS-C	OS11	E33
C48	C8-125	D49	LL57	LL7-150	D45	RSC121204NK	12124RNK	B2	WSS-DD	OS82	E32
C57	C7-150	D45	LL58	LL8-150	D48	RSC121206	12126R	B2	WSS-D	OS8	E32
C58	C8-150	D49	LL67	LL7-200	D45	RSC121206NK	12126RNK	B2	WSS-DD	OS82	E32
C67	C7-200	D45	LL68	LL8-200	D48	RSC121208	12128R	B2	WSS-R	OS26	E32
C68	C8-200	D49	LL77	LL7-250	D45	RSC121208NK	12128RNK	B2	WSS-RR	OS262	E32
C77	C7-250	D45	LL78	LL8-250	D48	RSC121208NK	12128RNK	B2	WSS-RRR	OS263	E32
C78	C8-250	D49	LL87	LL7-300	D45	RSC121208NK	12128RNK	B2	WSS-RRRR	OS264	E32
C87	C7-300	D45	LL888	LL8-300	D48	RSC121806	12186R	B2	WSS-SR2	OS7	E33
C88	C8-300	D49	LL97	LL7-350	D45	RSC121806NK	12186RNK	B2	WSS-SR2	OS705	E33
CL50-1	LLDB-14/4	D28	LR107	LR7-400	D44	RSC181804	18184R	B2	WSS-T	OS1	E32
CL501-1TN	LLTDB-14/4	D28	LR17	LR7-50	D44	RSC181804NK	18184RNK	B2	WSS-TD	OS18	E33
CL501-1TN	LLTDB-SP-14/4	D28	LR18	LR8-50	D48	RSC181806	18186R	B2	WSS-TR	OS126	E33
CRG050	G-50	D43	LR27	LR7-75	D44	RSC181806NK	18186RNK	B2	WSS-TT	OS2	E32
CRG075	G-75	D43	LR28	LR8-75	D48	RSC181808	18188R	B2	WSS-TTT	OS3	E32
CRG100	G-100	D43	LR37	LR7-100	D44	RSC181808NK	18188RNK	B2	WSS-TTTT	OS4	E32
CRG125	G-125/150	D43	LR38	LR8-100	D48	RSC242406	24246R	B2			
CRG200	G-200	D43	LR47	LR7-125	D44	RSC242406NK	24246RNK	B2			
CRG250	G-250/300	D43	LR48	LR8-125	D48	RSC242408	24248R	B2			
CRG350	G-350/400	D43	LR57	LR7-150	D44	RSC242408NK	24248RNK	B2			
CSC050	AC-50	D43	LR58	LR8-150	D48	RSLB050	SLB-50	D35			
CSC075	AC-75	D43	LR67	LR7-200	D44	RSLB075	SLB-75	D35			
CSC100	AC-100	D43	LR68	LR8-200	D48	RSLB100	SLB-100	D35			
CSC125	AC-125/150	D43	LR77	LR7-250	D44	RSLB125	SLB-125	D35			
CSC200	AC-200	D43	LR78	LR8-250	D48	RSLB150	SLB-150	D35			
CSC250	AC-250/300	D43	LR87	LR7-300	D44	RSLB200	SLB-200	D35			
CSC350	AC-350/400	D43	LR888	LR8-300	D48	S3625	FLB-R1G-C-BR	E1			
DD5100XS	2B100-5X	C8	LR97	LR7-350	D44	S3825	FLB-D-C-BR	E1			
EC050	SSC-50	D42	LV330S	RC-3D	C11	SA3625	FLB-R1G-C-SS	E1			
EC075	SSC-75	D42	MM2420	WIU-2-ED	C2	SA3825	FLB-D-C-SS	E1			
EC100	SSC-100	D42	MM2420G	WIU-2UD-ED	C1	SB3100S	1B100-3	C7			
EC125	SSC-125	D42	MM420G	WIU-1U-ED	C1	SB550XS	1B50-5X	C7			
EC150	SSC-150	D42	MM720G	WIU-1UD-ED	C1	SC040404	444	B1			
EC200	SSC-200	D42	MOLB-0	LBM-400	D35	SC040404NK	444NK	B1			
						SC040604	464	B1			
						SC040604NK	464NK	B1			
						SC060604	664	B1			

BELL®

BELL	ORBIT	PAGE
5017-0	G-1	C4
5020-0	G-2	C6
5029-0	1C-PO30	C4
5030-0	1C-PO40	C4
5031-0	1C-PO20	C4
5033-0	2C-GD	C6
5036-0	2CL-PO60	C6
5040-0	2C-GS	C6
5101-0	1C-GH	C4
5101-1	1C-GH-W	C4
5101-2	1C-GH-BR	C4
5103-0	1C-GV	C4
5103-1	1C-GV-W	C4
5103-2	1C-GV-BR	C4
5121-0	1CA-SW15	C4
5121-1	1CA-SW15-W	C4
5121-2	1CA-SW15-BR	C4

BELL®

BELL	ORBIT	PAGE
5124-0	2CA-SW15	C6
5128-0	1CA-SW20	C4
5145-0	2C-2G	C6
5146-0	1C-DV	C4
5146-1	1C-DV-W	C4
5152-0	1C-SH	C4
5155-0	1C-SV	C4
5155-1	1C-SV-W	C4
5157-0	2C-DH	C6
5160-0	2C-SD	C6
5173-0	1-BC	C4
5173-1	1-BC-W	C4
5175-0	2-BC	C6
5177-0	3-BC	C6
5180-0	1C-DH	C4
5180-1	1C-DH-W	C4
5180-2	1C-DH-BR	C4
5186-0	RE-1	C5
5186-1	RE-1-W	C5
5186-2	RE-1-BR	C5
5189-0	RE-3	C5
5189-1	RE-3-W	C5
5189-2	RE-3-BR	C5
5193-0	RC-1	C11
5193-1	RC-1-W	C11
5193-2	RC-1-BR	C11
5197-0	RC-3	C11
5197-1	RC-3-W	C11
5197-2	RC-3-BR	C11
5269-0	PL-50	C15
5269-1	PL-50-W	C15
5269-2	PL-50-BR	C15
5269-9	PL-50-BULK	C15
5270-0	PL-75	C15
5271-0	PL-100	C15
5302-0	LUG	C15
5320-0	1B50-3	C7
5320-1	1B50-3-W	C7
5320-2	1B50-3-BR	C7
5321-0	1B50-4	C7
5321-1	1B50-4-W	C7
5321-2	1B50-4-BR	C7
5322-0	1B50-5	C7
5323-0	1B50-5X	C7
5324-0	1B75-3	C7
5330-0	1B75-4	C7
5331-0	1B75-5	C7
5332-0	1B75-5X	C7
5333-0	2B50-3	C8
5334-0	2B50-5X	C8
5335-0	2B50-4	C8
5337-0	2B50-5	C8
5338-0	2B50-7X	C8
5340-0	2B50-7	C8
5341-0	2B75-3	C8
5342-0	2B75-5X	C8
5343-0	2B75-4	C8
5345-0	2B75-5	C8
5346-0	2B75-7X	C8
5348-0	2B75-7	C8
5361-0	RB50-5	C11
5361-1	RB50-5-W	C11
5361-2	RB50-5-BR	C11
5363-0	EXR50-4	C11
5372-0	RB75-5	C11
5374-0	RBC-4	C11
5385-0	1DB50-3	C7
5386-0	1DB75-3	C7
5387-0	1DB100-3	C7
5388-0	2DB75-5	C8
5389-0	2DB100-5	C8
5406-0	EXR-1	C10
5407-0	EXR-2	C10
5412-0	EXF50-2	C10
5413-0	EXF75-2	C10
5414-0	EXF50-6	C10
5415-0	EXF75-6	C10
5606-0	LH150-GY	C14, H3
5612-0	LH150-SG-GY	C14, H3
5613-0	HL2-GY	C14, H5
5613-1	HL2-WH	C14, H5
5615-0	WG-38	C15
5730-0	WIU-1V-ED	C2
5761-0	WIU-1U-ED	C1

KILLARK®

KILLARK	ORBIT	PAGE
MOLBD-5	LBM-150	D35
MOLBD-6	LBM-200	D35
OC-0	C-400	D37
OC-0M	MC-400	D40
OC-1	C-50	D37
OC-1CG	C-50A	D34
OC-1M	MC-50	D40
OC-2	C-75	D37
OC-2CG	C-75A	D34
OC-2M	MC-75	D40
OC-3	C-100	D37
OC-3CG	C-100A	D34
OC-3M	MC-100	D40
OC-4	C-125	D37
OC-4CG	C-125A	D34
OC-4M	MC-125	D40
OC-5	C-150	D37
OC-5CG	C-150A	D34
OC-5M	MC-150	D40
OC-6	C-200	D37
OC-6CG	C-200A	D34
OC-6M	MC-200	D40
OC-7	C-250	D37
OC-7M	MC-250	D40
OC-8	C-300	D37
OC-8M	MC-300	D40
OC-9M	MC-350	D40
OL-10	CG-50	D42
OL-10M	SC-50	D43
OL-20	CG-75	D42
OL-20M	SC-75	D43
OL-30	CG-100	D42
OL-30M	SC-100	D43
OL-450	CG-125/150	D42
OL-45M	SC-125/150	D43
OL-45-RG	G-125/150	D43
OL-60	CG-200	D42
OL-60M	SC-200	D43
OL-6-RG	G-200	D43
OL-780	CG-250/300	D42
OL-78M	SC-250/300	D43
OL-78-RG	G-250/300	D43
OL-900	CG-350/400	D42
OL-90M	SC-350/400	D43
OL-90-RG	G-350/400	D43
OLB-0	LB-400	D36
OLB-0M	MLB-400	D38
OLB-1	LB-50	D36
OLB-1CG	LB-50A	D33
OLB-1M	MLB-50	D38
OLB-2	LB-75	D36
OLB-2CG	LB-75A	D33
OLB-2M	MLB-75	D38
OLB-3	LB-100	D36
OLB-3CG	LB-100A	D33
OLB-3M	MLB-100	D38
OLB-4	LB-125	D36
OLB-4CG	LB-125A	D33
OLB-4M	MLB-125	D38
OLB-5	LB-150	D36
OLB-5CG	LB-150A	D33
OLB-5M	MLB-150	D38
OLB-6	LB-200	D36
OLB-6CG	LB-200A	D33
OLB-6M	MLB-200	D38
OLB-7	LB-250	D36
OLB-7M	MLB-250	D38
OLB-8	LB-300	D36
OLB-8M	MLB-300	D38
OLB-9	LB-350	D36
OLK-1-RG	G-50	D43
OLK-2-RG	G-75	D43
OLK-3-RG	G-100	D43
OLL-0	LL-400	D36
OLL-0M	MLL-400	D39
OLL-1	LL-50	D36
OLL-1CG	LL-50A	D33
OLL-1M	MLL-50	D39
OLL-2	LL-75	D36
OLL-2CG	LL-75A	D33
OLL-2M	MLL-75	D39
OLL-3	LL-100	D36
OLL-3CG	LL-100A	D33
OLL-3M	MLL-100	D39
OLL-4	LL-125	D36
OLL-4CG	LL-125A	D33
OLL-4M	MLL-125	D39
OLL-5	LL-150	D36

KILLARK	ORBIT	PAGE
OLL-5CG	LL-150A	D33
OLL-5M	MLL-150	D39
OLL-6	LL-200	D36
OLL-6CG	LL-200A	D33
OLL-6M	MLL-200	D39
OLL-7	LL-250	D36
OLL-7M	MLL-250	D39
OLL-8	LL-300	D36
OLL-8M	MLL-300	D39
OLL-9M	MLL-350	D39
OLR-0	LR-400	D37
OLR-0M	MLR-400	D39
OLR-1	LR-50	D37
OLR-1CG	LR-50A	D34
OLR-1M	MLR-50	D39
OLR-2	LR-75	D37
OLR-2CG	LR-75A	D34
OLR-2M	MLR-75	D39
OLR-3	LR-100	D37
OLR-3CG	LR-100A	D34
OLR-3M	MLR-100	D39
OLR-4	LR-125	D37
OLR-4CG	LR-125A	D34
OLR-4M	MLR-125	D39
OLR-5	LR-150	D37
OLR-5CG	LR-150A	D34
OLR-5M	MLR-150	D39
OLR-6	LR-200	D37
OLR-6CG	LR-200A	D34
OLR-6M	MLR-200	D39
OLR-7	LR-250	D37
OLR-7M	MLR-250	D39
OLR-8	LR-300	D37
OLR-8M	MLR-300	D39
OLR-9M	MLR-350	D39
OT-0	T-400	D38
OT-0M	MT-400	D40
OT-1	T-50	D38
OT-1CG	T-50A	D35
OT-1M	MT-50	D40
OT-2	T-75	D38
OT-2CG	T-75A	D35
OT-2M	MT-75	D40
OT-3	T-100	D38
OT-3CG	T-100A	D35
OT-3M	MT-100	D40
OT-4	T-125	D38
OT4-CG	T-125A	D35
OT-4M	MT-125	D40
OT-5	T-150	D38
OT-5CG	T-150A	D35
OT-5M	MT-150	D40
OT-6	T-200	D38
OT-6CG	T-200A	D35
OT-6M	MT-200	D40
OT-7	T-250	D38
OT-7M	MT-250	D40
OT-8	T-300	D38
OT-8M	MT-300	D40
OT-9M	MT-350	D40
SLB-1	SLB-50	D35
SLB-2	SLB-75	D35
SLB-3	SLB-100	D35
SLB-4	SLB-125	D35
SLB-5	SLB-150	D35
SLB-6	SLB-200	D35

APPLETON®

APPLETON	ORBIT	PAGE	APPLETON	ORBIT	PAGE	APPLETON	ORBIT	PAGE	APPLETON	ORBIT	PAGE
1710	SES1-100	D58	8320	3RBCK	A2	CLB-300MN	CBS-300	D54	KO-125	KO-125	D61
1740	SES1-200	D58	8361	4401	A13	CLB-350MN	CBS-350	D54	KO-150	KO-150	D61
222-OW	TG-1	A34	8362	4404	A13	CLB-400MN	CBS-400	D54	KO-200	KO-200	D61
2540	HBC-B	A32	8363	4403	A13	CLB-50MN	CBS-50	D54	KO-50	KO-50	D61
2555	HBC-BK	A32	8365N	4402	A13	CLB-75MN	CBS-75	D54	KO-75	KO-75	D61
2594	HBC-TS	A32	8367	4411	A13	CNN-100	CN-50	D62	L-100	SLN-50	D71
3G-50	SB-3	A26	8379	4405	A13	CNN-200	CN-75	D62	L-1000	SLN-400	D71
3GC-75	SR-3	A27	8456R	SCS-75	A5, H14	CNN-300	CN-100	D62	L-1000-D	LN-400	D71
4050S	OF7701	D1	8461	43058	A12	CNN-400	CN-125	D62	L-100-D	LN-50	D71
4050ST	OF7701-S	D1	846-150	41150T	A12	CNN-500	CN-150	D62	L-1100	SLN-500	D71
4075S	OF7702	D1	8461B	43075	A12	CNN-600	CN-200	D62	L-1200	SLN-600	D71
4075ST	OF7702-S	D1	8461C	43100	A12	CPL-50	ECS-50	D5	L-200	SLN-75	D71
4100S	OF7703	D1	8461D	43125	A12	CPL-75	ECS-75	D5	L-200-D	LN-75	D71
4100ST	OF7703-S	D1	846-200	41200T	A12	DC-5500	MC-DX-50	D13	L-300	SLN-100	D71
4125S	OF7704	D1	8465	4BC	A12	ECO-100	EC-50	D59	L-300-D	LN-100	D71
4125ST	OF7704-S	D1	8466	41125	A12	ECO-101	EC-75	D59	L-400	SLN-125	D71
4150S	OF7705	D1	8466A	41100	A12	ECO-102	EC-100	D59	L-400-D	LN-125	D71
4150ST	OF7705-S	D1	8468	41075	A12	ECO-103	EC-125	D59	L-500	SLN-150	D71
4200S	OF7706	D1	8468A	41050	A12	ECO-104	EC-150	D59	L-500-D	LN-150	D71
4200ST	OF7706-S	D1	8468C	41058	A12	ECO-105	EC-200	D59	L-600	SLN-200	D71
4250S	OF7707	D1	8470C	42058	A12	ECO-106	EC-250	D59	L-600-D	LN-200	D71
4250ST	OF7707-S	D1	8485	51075	A19	ECO-107	EC-300	D59	L-700	SLN-250	D71
4300S	OF7708	D1	8486C	52058	A19	ECO-108	EC-350	D59	L-700-D	LN-250	D71
4300ST	OF7708-S	D1	856-200	51200	A19	ECO-109	EC-400	D59	L-800	SLN-300	D71
4350S	OF7709	D1	AC-250-D	OF6467	D9	EFC-100	OF522	D10, D26	L-800-D	LN-300	D71
4350ST	OF7709-S	D1	AC-300-D	OF6468	D9	EFC-50	OF520	D10, D26	L-900	SLN-350	D71
4400S	OF7710	D1	AC-350-D	OF6469	D9	EFC-75	OF521	D10, D26	L-900-D	LN-350	D71
4400ST	OF7710-S	D1	AC-400-D	OF6470	D9	FC-5501	OF654	D8	LB-100-D	LB-100	D36
4CSE1/2	HB-1-50-EXT	A31	AC-90	OF643	D9, D13	GBL-100	GBLL-50	D27, D69	LB-100DCG	LB-100A	D33
4CSVB-1/2	HB-1-50-FB	A31	AC-95	OF644	D9, D13	GBL-1000	GBLL-400	D27, D69	LB100-M	MLB-100	D38
4GC-75	SR-4	A27	AC-96	OF645	D9, D13	GBL-200	GBLL-75	D27, D69	LB-125-D	LB-125	D36
4O-3/4	D4RB-75	A3	AC-98	OF6464	D9	GBL-300	GBLL-100	D27, D69	LB-125DCG	LB-125A	D33
4OE-1/2	4RB-50-EXT	A3	AC-985	OF6465	D9	GBL-400	GBLL-125	D27, D69	LB125-M	MLB-125	D38
4S-1/2	4SB-50	A7	AC-99	OF6466	D9	GBL-500	GBLL-150	D27, D69	LB-150-D	LB-150	D36
4SD-1	4SDB-100	A9	AMC 75	FLC-75L	D14, P27	GBL-600	GBLL-200	D27, D69	LB-150DCG	LB-150A	D33
4SD-3/4	4SDB-75	A9	AMC-50	FLC-50	D14, P27	GBL-700	GBLL-250	D27, D69	LB150-M	MLB-150	D38
4SD-EK	4SDB-MKO	A9	AMC-52	FLD-50	D14, P27	GBL-800	GBLL-300	D27, D69	LB-200-D	LB-200	D36
4SD-SPL	4SDB-50/75	A9	AMC-75	FLC-75L	D14, P27	GBL-900	GBLL-350	D27, D69	LB-200DCG	LB-200A	D33
4SDVB-EK-PL	4SDB-MKO-FB	A9	BC-25	BC-25	D55, D78	GC-100	OF674	D7	LB200-M	MLB-200	D38
4SEK	4SB-MKO	A7	BH-500	BCM-25	D54, D78	GC-125	OF675	D7	LB-250-D	LB-250	D36
4SJD-1-1/4	5SDB-125	A17	BH-502	BCM-38	D54, D78	GC-150	OF681	D7	LB250-M	MLB-250	D38
4SJD-1-VB	5SDB-100-FB	A17	BH-503	BCM-50	D54, D78	GC-1-DB	GCB-50/100	D29	LB-300-D	LB-300	D36
4S-SPL	4SB-50/75	A7	BX-50	S1-38	D56	GC-1Z	GCB-50/100	D29	LB300-M	MLB-300	D38
4SVB3/4PL	4SB-75-FB	A7	C100-M	MC-100	D40	GC-2	GCB-125/200	D29	LB-350-D	LB-350	D36
4SVB-EK-PL	4SB-MKO-FB	A7	C125-M	MC-125	D40	GC-200	OF682	D7	LB-400-D	LB-400	D36
5050S	OF7711	D1	C150-M	MC-150	D40	GC-38	OF671	D7	LB400-M	MLB-400	D38
5075S	OF7712	D1	C200-M	MC-200	D40	GC-4	GCB-250/400	D29	LB-50-D	LB-50	D36
5100S	OF7713	D1	C250-M	MC-250	D40	GC-5	GCBZ-50/100	D29	LB-50DCG	LB-50A	D33
510L	3PB-NM	A2	C300-M	MC-300	D40	GC-50	OF672	D7	LB50-M	MLB-50	D38
5125S	OF7714	D1	C350-M	MC-350	D40	GC-6	GCB-450/600	D29	LB-75-D	LB-75	D36
5150S	OF7715	D1	C400-M	MC-400	D40	GC-75	OF673	D7	LB-75DCG	LB-75A	D33
5200S	OF7716	D1	C50-M	MC-50	D40	GCI-38	OF671-S	D7	LB75-M	MLB-75	D38
5250S	OF7717	D1	C-510	OF6620	D12	GCI-50	OF672-S	D7	LC-100DCG	C-100A	D34
5300S	OF7718	D1	C-550	OF653	D12	GCI-75	OF673-S	D7	LC-125DCG	C-125A	D34
5350S	OF7719	D1	C75-M	MC-75	D40	GL-1000-D	GL-400	D28, D72	LC-150DCG	C-150A	D34
5400S	OF7720	D1	CC-100	AC-100	D43	GL-100-D	GL-50	D28, D72	LC-200DCG	C-200A	D34
5GC-75	SR-5	A27	CC-125	AC-125/150	D43	GL-200-D	GL-75	D28, D72	LC-250-D	C-250	D37
6050S	OF7611-W	D2	CC-200	AC-200	D43	GL-300-D	GL-100	D28, D72	LC-300-D	C-300	D37
6075S	OF7612-W	D2	CC-250	AC-250/300	D43	GL-400-D	GL-125	D28, D72	LC-400-D	C-400	D37
6100S	OF7613-W	D2	CC-400	AC-350/400	D43	GL-500-D	GL-150	D28, D72	LC-50DCG	C-50A	D34
6125S	OF7614-W	D2	CC-50	AC-50	D43	GL-600-D	GL-200	D28, D72	LC-75DCG	C-75A	D34
6150S	OF7615-W	D2	CC-75	AC-75	D43	GL-700-D	GL-250	D28, D72	LL-100-D	LL-100	D36
6200S	OF7616-W	D2	CH-050-B	PH-50B	D55	GL-800-D	GL-300	D28, D72	LL-100DCG	LL-100A	D33
6250S	OF7617-W	D2	CH-100-B	PH-75B	D55	GL-900-D	GL-350	D28, D72	LL100-M	MLL-100	D39
6300S	OF7618-W	D2	CH-200-B	PH-100B	D55	GX-100	OF678	D7	LL-125-D	LL-125	D36
6350S	OF7619-W	D2	CH-250-B	PH-105B	D55	GX-125	OF679	D7	LL-125DCG	LL-125A	D33
6400S	OF7620-W	D2	CH-300-B	PH-125B	D55	GX-150	OF685	D7	LL125-M	MLL-125	D39
6GC-75	SR-6	A27	CH-400-B	PH-150B	D55	GX-200	OF686	D7	LL-150-D	LL-150	D36
7050S	OF7601	D2	CH-500-B	PH-200B	D55	GX-50	OF676	D7	LL-150DCG	LL-150A	D33
7050ST	OF7601-S	D2	CH-600-B	PH-250B	D55	GX-75	OF677	D7	LL150-M	MLL-150	D39
7075S	OF7602	D2	CH-700-B	PH-300B	D55	HI-102	SBS	A37, D76, P25	LL-200-D	LL-200	D36
7075ST	OF7602-S	D2	CH-800-B	PH-350B	D55	HL-500	PE-50	D32	LL-200DCG	LL-200A	D33
7100S	OF7603	D2	CH-900-B	PH-400B	D55	HL-750	PE-75	D32	LL200-M	MLL-200	D39
7100ST	OF7603-S	D2	CL-100MN	SRM1-100	D54, D57	JC-12-S	JC-12	A41, D78	LL-250-D	LL-250	D36
7125S	OF7604	D2	CL-125MN	SRM1-125	D54, D57	K100	SC-100	D43	LL250-M	MLL-250	D39
7125ST	OF7604-S	D2	CL-150MN	SRM1-150	D54, D57	K100-CA	CG-100	D42	LL-300-D	LL-300	D36
7150S	OF7605	D2	CL-200MN	SRM1-200	D54, D57	K125&150	SC-125/150	D43	LL300-M	MLL-300	D39
7150ST	OF7605-S	D2	CL-250MN	SRM1-250	D54, D57	K200	SC-200	D43	LL350-M	MLL-350	D39
7200S	OF7606	D2	CL-300MN	SRM1-300	D54, D57	K200-CA	CG-200	D42	LL-400-D	LL-400	D36
7200ST	OF7606-S	D2	CL-350MN	SRM1-350	D54, D57	K250 & 300-CA	CG-250/300	D42	LL400-M	MLL-400	D39
7250S	OF7607	D2	CL-400MN	SRM1-400	D54, D57	K250&300	SC-250/300	D43	LL-50-D	LL-50	D36
7250ST	OF7607-S	D2	CL-50MN	SRM1-50	D54, D57	K350 & 400-CA	CG-350/400	D42	LL-50DCG	LL-50A	D33
7300S	OF7608	D2	CL-75MN	SRM1-75	D54, D57	K350&400	SC-350/400	D43	LL50-M	MLL-50	D39
7300ST	OF7608-S	D2	CLB-100MN	CBS-100	D54	K50	SC-50	D43	LL-75-D	LL-75	D36
7350S	OF7609	D2	CLB-125MN	CBS-125	D54	K50-CA	CG-50	D42	LL-75DCG	LL-75A	D33
7350ST	OF7609-S	D2	CLB-150MN	CBS-150	D54	K75	SC-75	D43	LL75-M	MLL-75	D39
7400S	OF7610	D2	CLB-200MN	CBS-200	D54	K75-CA	CG-75	D42	LML-01	LT90-38	D20
7400ST	OF7610-S	D2	CLB-250MN	CBS-250	D54	KO-100	KO-100	D61	LML-02	LT90-38	D20

APPLETON®

APPLETON	ORBIT	PAGE
LML-11	LT90-50	D20
LML-12	LT190-50	D20
LML-21	LT90-75	D20
LML-22	LT190-75	D20
LML-31	LT90-100	D20
LML-32	LT190-100	D20
LML-41	LT90-125	D20
LML-42	LT190-125	D20
LML-51	LT90-150	D20
LML-52	LT190-150	D20
LML-61	LT90-200	D20
LML-62	LT190-200	D20
LML-71	LT90-250	D20
LML-72	LT190-250	D20
LML-81	LT90-300	D20
LML-82	LT190-300	D20
LML-85	LT90-350	D20
LML-86	LT190-350	D20
LML-91	LT90-400	D20
LML-92	LT190-400	D20
LMM-01	LT-38	D18
LMM-02	LT-38	D18
LMM-11	LT-50	D18
LMM-12	LT-50	D18
LMM-21	LT-75	D18
LMM-22	LT-75	D18
LMM-31	LT-100	D18
LMM-32	LT-100	D18
LMM-41	LT-125	D18
LMM-42	LT-125	D18
LMM-51	LT-150	D18
LMM-52	LT-150	D18
LMM-61	LT-200	D18
LMM-62	LT-200	D18
LMM-71	LT-250	D18
LMM-72	LT-250	D18
LMM-81	LT-300	D18
LMM-82	LT-300	D18
LMM-85	LT-350	D18
LMM-86	LT-350	D18
LMM-91	LT-400	D18
LMM-92	LT-400	D18
LR-100-D	LR-100	D37
LR-100DCG	LR-100A	D34
LR100-M	MLR-100	D39
LR-125-D	LR-125	D37
LR-125DCG	LR-125A	D34
LR125-M	MLR-125	D39
LR-150-D	LR-150	D37
LR-150DCG	LR-150A	D34
LR150-M	MLR-150	D39
LR-200-D	LR-200	D37
LR-200DCG	LR-200A	D34
LR200-M	MLR-200	D39
LR-250-D	LR-250	D37
LR250-M	MLR-250	D39
LR-300-D	LR-300	D37
LR300-M	MLR-300	D39
LR350-M	MLR-350	D39
LR-400-D	LR-400	D37
LR400-M	MLR-400	D39
LR-50-D	LR-50	D37
LR-50DCG	LR-50A	D34
LR50-M	MLR-50	D39
LR-75-D	LR-75	D37
LR-75DCG	LR-75A	D34
LR75-M	MLR-75	D39
LS-100	SSLN-50	D71
LS-1000	SSLN-400	D71
LS-200	SSLN-75	D71
LS-300	SSLN-100	D71
LS-400	SSLN-125	D71
LS-500	SSLN-150	D71
LS-600	SSLN-200	D71
LS-700	SSLN-250	D71
LS-800	SSLN-300	D71
LS-900	SSLN-350	D71
NC-1069	RJ-150	D77
NC-1070	RJ-200	D77
NCG-01	NGC-38-197/394	D16
NCG-11	NGC-50-384/551	D16
NCG-21	NGC-75-551/709	D16
NCG-32	NGC100-709/984	D16
NG-100	G-100	D43
NG-125/150	G-125/150	D43
NG-200	G-200	D43
NG-250/300	G-250/300	D43
NG-350/400	G-350/400	D43

APPLETON	ORBIT	PAGE
NG-50	G-50	D43
NG-75	G-75	D43
NML-11	NMLT90-50	D17
NML-21	NMLT90-75	D17
NML-31	NMLT90-100	D17
NMM-11	NMLT-50	D17
NMM-21	NMLT-75	D17
NMM-31	NMLT-100	D17
NS-901	NS-50	A38, D58
NS-902	NS-50/75	A38, D58
NS-903	NS-100	A38, D58
NST-50	NM-50	D11, P28
NTC-100	MRT-100	D23
NTC-125	MRT-125	D23
NTC-50	RT-50	D22
NTC-75	RT-75	D22
NTCC-100	MRTC-100	D23
NTCC-125	MRTC-125	D23
NTCC-50	RTC-50	D23
NTCC-75	RTC-75	D23
OCR3-1/2	35CB	A30
PB-1000-D	PB-400	D67
PB-100-D	PB-50	D67
PB-1100-D	PB-500	D67
PB-1200-D	PB-600	D67
PB-200-D	PB-75	D67
PB-300-D	PB-100	D67
PB-400-D	PB-125	D67
PB-500-D	PB-150	D67
PB-600-D	PB-200	D67
PB-700-D	PB-250	D67
PB-800-D	PB-300	D67
PB-900-D	PB-350	D67
PVC-100	ECP-50	D59
PVC-101	ECP-75	D59
PVC-102	ECP-100	D59
PVC-103	ECP-125	D59
PVC-104	ECP-150	D59
PVC-105	ECP-200	D59
PVC-8642	ECCP-50	D59
RB-10	RB-150/100	D67
RB-11	RB-150/125	D67
RB-12	RB-200/50	D67
RB-13	RB-200/75	D67
RB-14	RB-200/100	D67
RB-15	RB-200/125	D67
RB-16	RB-200/150	D67
RB-2	RB-75/50	D67
RB-3	RB-100/50	D67
RB-4	RB-100/75	D67
RB-5	RB-125/50	D67
RB-6	RB-125/75	D67
RB-7	RB-125/100	D67
RB-8	RB-150/50	D67
RB-9	RB-150/75	D67
RC-500	GRC-50	D31
RC-625	GRC-58	D31
RC-750	GRC-75	D31
RN-100	ON-100	D62
RN-125	ON-125	D62
RN-50	ON-50	D62
RN-75	ON-75	D62
SC-100	OF733	D8
SC-125	OF734	D8
SC-150	OF735	D8
SC-200	OF736	D8
SC-250	OF737	D8
SC-300	OF738	D8
SC-350	OF739	D8
SC-38	OF730	D8
SC-400	OF740	D8
SC-50	OF731	D8
SC-75	OF732	D8
SCI-50	OF731-S	D8
SCI-75	OF732-S	D8
SH-100-D	SH-2	A41, D78
SH-100	RS-100	D22
SNTC-125	RS-125	D22
SNTC-150	RS-150	D22
SNTC-200	RS-200	D22
SNTC-50	RS-50	D22
SNTC-75	RS-75	D22
SNTCC-100	RSC-100	D22
SNTCC-125	RSC-125	D22
SNTCC-150	RSC-150	D22
SNTCC-200	RSC-200	D22
SNTCC-50	RSC-50	D22
SNTCC-75	RSC-75	D22

APPLETON	ORBIT	PAGE
ST-125	MLT-125	D18
ST-150	MLT-150	D18
ST-200	MLT-200	D18
ST-250	MLT-250	D18
ST-300	MLT-300	D18
ST-350	MLT-350	D18
ST-400	MLT-400	D18
ST-45100	MLT45-100	D19
ST-45125	MLT45-125	D19
ST-45150	MLT45-150	D19
ST-45200	MLT45-200	D19
ST-45250	MLT45-250	D19
ST-45300	MLT45-300	D19
ST-45350	MLT45-350	D19
ST-4538	MLT45-38	D19
ST-45400	MLT45-400	D19
ST-4550	MLT45-50	D19
ST-4575	MLT45-75	D19
ST-90100	MLT90-100	D21
ST-90125	MLT90-125	D21
ST-90150	MLT90-150	D21
ST-90200	MLT90-200	D21
ST-90250	MLT90-250	D21
ST-90300	MLT90-300	D21
ST-90350	MLT90-350	D21
ST-9038	MLT90-38	D21
ST-90400	MLT90-400	D21
ST-9050	MLT90-50	D21
ST-9075	MLT90-75	D21
STB-100	MLTI-100	D18
STB-125	MLTI-125	D18
STB-150	MLTI-150	D18
STB-200	MLTI-200	D18
STB-250	MLTI-250	D18
STB-300	MLTI-300	D18
STB-350	MLTI-350	D18
STB-38	MLTI-38	D18
STB-400	MLTI-400	D18
STB-45100	MLT45-100	D19
STB-45125	MLT45-125	D19
STB-45150	MLT45-150	D19
STB-45200	MLT45-200	D19
STB-45250	MLT45-250	D19
STB-45300	MLT45-300	D19
STB-45350	MLT45-350	D19
STB-4538	MLT45-38	D19
STB-45400	MLT45-400	D19
STB-4550	MLT45-50	D19
STB-4575	MLT45-75	D19
STB-50	MLTI-50	D18
STB-75	MLTI-75	D18
STB-90100	MLTI90-100	D21
STB-90125	MLTI90-125	D21
STB-90150	MLTI90-150	D21
STB-90200	MLTI90-200	D21
STB-90250	MLTI90-250	D21
STB-90300	MLTI90-300	D21
STB-90350	MLTI90-350	D21
STB-9038	MLTI90-38	D21
STB-90400	MLTI90-400	D21
STB-9050	MLTI90-50	D21
STB-9075	MLTI90-75	D21
T100-M	MT-100	D40
T125-M	MT-125	D40
T150-M	MT-150	D40
T200-M	MT-200	D40
T250-M	MT-250	D40
T300-M	MT-300	D40
T350-M	MT-350	D40
T400-M	MT-400	D40
T50-M	MT-50	D40
T75-M	MT-75	D40
TA-38	OF6231	D12
TC-100-D	T-100	D38
TC-100DCG	T-100A	D35
TC-125-D	T-125	D38
TC-125DCG	T-125A	D35
TC-150-D	T-150	D38
TC-150DCG	T-150A	D35
TC-200-D	T-200	D38
TC-200DCG	T-200A	D35
TC-250-D	T-250	D38
TC-300-D	T-300	D38
TC-400-D	T-400	D38
TC-501	OF701	D3
TC-502	OF702	D3
TC-503	OF703	D3
TC-504	OF704	D3

APPLETON	ORBIT	PAGE
TC-505	OF705	D3
TC-506	OF706	D3
TC-507	OF707	D3
TC-508	OF708	D3
TC-509	OF709	D3
TC-50-D	T-50	D38
TC-50DCG	T-50A	D35
TC-510	OF710	D3
TC-511	OF711	D3
TC-512	OF712	D3
TC-513	OF713	D3
TC-514	OF714	D3
TC-515	OF715	D3
TC-516	OF716	D3
TC-517	OF717	D3
TC-518	OF718	D3
TC-519	OF719	D3
TC-520	OF720	D3
TC-601	OF601	D4
TC-602	OF602	D4
TC-603	OF603	D4
TC-604	OF604	D4
TC-605	OF605	D4
TC-606	OF606	D4
TC-607	OF607	D4
TC-608	OF608	D4
TC-609	OF609	D4
TC-610	OF610	D4
TC-611	OF611	D4
TC-612	OF612	D4
TC-613	OF613	D4
TC-614	OF614	D4
TC-615	OF615	D4
TC-616	OF616	D4
TC-617	OF617	D4
TC-618	OF618	D4
TC-619	OF619	D4
TC-620	OF620	D4
TC-75-D	T-75	D38
TC-75DCG	T-75A	D35
TCI-501	OF701-S	D3
TCI-502	OF702-S	D3
TCI-503	OF703-S	D3
TCI-504	OF704-S	D3
TCI-505	OF705-S	D3
TCI-506	OF706-S	D3
TCI-507	OF707-S	D3
TCI-508	OF708-S	D3
TCI-509	OF709-S	D3
TCI-510	OF710-S	D3
TCI-601	OF601-S	D4
TCI-602	OF602-S	D4
TCI-603	OF603-S	D4
TCI-604	OF604-S	D4
TCI-605	OF605-S	D4
TCI-606	OF606-S	D4
TCI-607	OF607-S	D4
TCI-608	OF608-S	D4
TCI-609	OF609-S	D4
TCI-610	OF610-S	D4
TN-50	OCS-50	D5
WC1150	RE-1	C5
WC1150B	RE-1-BR	C11
WC1150W	RE-1-W	C11
WC1250	RE-2	C5
WC1350	RE-3	C5
WC1350B	RE-3-BR	C11
WC1350W	RE-3-W	C11
WCB1	1-BC	C4
WCB1-B	1-BC-BR	C4
WCB1W	1-BC-W	C4
WCB24	2-BC	C6
WCBR	RBC-4	C11
WCUI1	WIU-1UD-ED	C1
WCUI1	WIU-1U-ED	C1
WCUI2	WIU-2UD-ED	C1
WCR150	RC-1	C11
WCR150B	RC-1-BR	C11
WCR150W	RC-1-W	C11
WCR250B	RC-3-BR	C11
WCR250W	RC-3-W	C11
WCR350	RC-3	C11
WCT1	1C-SW-NS	C4
WCT115	1C-SW	C4
WCT115B	1C-SW-BR	C4
WCT115W	1C-SW-W	C4
WCT120	1C-SW-20	C4
WDK210	2DB100-7X	C8

APPLETON®

APPLETON	ORBIT	PAGE	APPLETON	ORBIT	PAGE	APPLETON	ORBIT	PAGE	APPLETON	ORBIT	PAGE
WDK275	2DB75-7X	C8	FDC-1-100	1MFDC-100	C12, D51	C67	C7-200	D45	LB400A	LB-400	D36
WDM110	1DB100-3	C7	FDC-1-50	1MFDC-50	C12, D51	C77	C7-250	D45	LB50A	LB-50	D36
WDM150	1DB50-3	C7	FDC-1-75	1MFDC-75	C12, D51	C87	C7-300	D45	LB-50ACG	LB-50A	D33
WDM175	1DB75-3	C7	FS-1-100	1MFS-100	C12, D51	C75A	C-75	D37	LB37	LB7-100	D44
WDP210	2DB100-5	C8	FS-1-50	1MFS-50	C12, D51	C17	C7-50	D45	LB47	LB7-125	D44
WDP250	2DB50-5	C8	FS-1-75	1MFS-75	C12, D51	C27	C7-75	D45	LB57	LB7-150	D44
WDP275	2DB75-5	C8	FSC-1-100	1MFSC-100	C12, D51	C38	C8-100	D49	LB67	LB7-200	D44
WDX110	1DB100-5X	C7	FSC-1-50	1MFSC-50	C12, D51	C448	C8-125	D49	LB77	LB7-250	D44
WDX150	1DB50-5X	C7	FSC-1-75	1MFSC-75	C12, D51	C58	C8-150	D49	LB87	LB7-300	D44
WDX175	1DB75-5X	C7	FSK-1B	1SFC-B	C12, D52	C68	C8-200	D49	LB97	LB7-350	D44
WE1	EXR-1	C10	FSK-1DR	1SFC-D	C12, D52	C78	C8-250	D49	LB107	LB7-400	D44
WE2	EXR-2	C10	FSK-1TS	1SFC-TS	C12, D52	C88	C8-300	D49	LB75A	LB-75	D36
WEFX50	EXF50-4	C10	510L	3PB-NM	A2	C18	C8-50	D49	LB17	LB7-50	D44
WEFX75	EXF75-4	C10	563L	3PDB-NM	A2	C28	C8-75	D49	LB-75ACG	LB-75A	D33
WERX50	EXR50-4	C11	560LXE	3RB-NM-E	A2	143G	CBS-100	D54	LB27	LB7-75	D44
WERX75	EXR75-4	C11	8468F	41000	A12	144G	CBS-125	D54	LB38	LB8-100	D47
WGD	WG-38	C15	8468B	41025	A12	145G	CBS-150	D54	LB448	LB8-125	D47
WHD1	1C-DH	C4	846-100,8466A	41100	A12	146G	CBS-200	D54	LB58	LB8-150	D47
WHD1B	1C-DH-BR	C4	846125	41125T	A12	147G	CBS-250	D54	LB68	LB8-200	D47
WHD1W	1C-DH-W	C4	8470F	42000	A12	148G	CBS-300	D54	LB78	LB8-250	D47
WHG1	1C-GH	C4	8470B	42025	A12	149G	CBS-350	D54	LB888	LB8-300	D47
WHG1B	1C-GH-BR	C4	8470A,847-50	42050	A12	150G	CBS-400	D54	LB98	LB8-350	D47
WHG1W	1C-GH-W	C4	8470	42075	A12	141G	CBS-50	D54	LB108	LB8-400	D47
WHS1	1C-SH	C4	8469A	42100	A12	142G	CBS-75	D54	LB18	LB8-50	D47
WL64	HL2-GY	C14, H5	8469B	42125	A12	150-CA	CG-125/150	D42	LB28	LB8-75	D47
WL64W	HL2-WH	C14, H5	8469B,847-125	42125T	A12	7-100	CN-100	D62	BLB150-A	BLM-150	D35
WPLG104	PL-100	C15	847-150	42150T	A12	7-125	CN-125	D62	BLB200-A	BLM-200	D35
WPLG504	PL-50	C15	847-200	42200	A12	7-150	CN-150	D62	BLB250-A	BLM-250	D35
WPLG754	PL-75	C15	8360	4400	A13	7-200	CN-200	D62	BLB300-A	BLM-300	D35
WRX50	RB50-5	C11	8365, 8365N	4402	A13	CN50	CN-50	D62	BLB350-A	BLM-350	D35
WRX50B	RB50-5-BR	C7	8375,8375N	4412	A13	WCRB4W	CP-5	A5, E35	BLB400-A	BLM-400	D35
WRX50W	RB50-5-W	C7	8368	4413	A13	45PD	D4SDB-50/75	A6	LL100A	LL-100	D36
WRX75	RB75-5	C11	8374	4414	A13	38SLC	DSC-38	D13, P27	LL125A	LL-125	D36
WSK250	2B50-7X	C8	8371, 8371N	4422	A13	CT-100G	EC-100	D59	LL150A	LL-150	D36
WSK275	2B75-7X	C8	8373, 8373N	4424	A13	CT-125G	EC-125	D59	LL200A	LL-200	D36
WSL150	1B50-4	C7	8364	4433	A13	CT-150G	EC-150	D59	LL250A	LL-250	D36
WSL150B	1B50-4-BR	C7	8403	4RBC-R	A5	CT-200G	EC-200	D59	LL300A	LL-300	D36
WSL150W	1B50-4-W	C7	4SX-SB21/2	4SB-MC-MS	A8	CT-50G	EC-50	D59	LL50A	LL-50	D36
WSL175	1B75-4	C7	4SX-EKP	4SB-MC-PT	A8, P20	CT-75G	EC-75	D59	LL37	LL7-100	D45
WSL250	2B50-4	C8	4SR-SB21/2	4SB-NM-MS	A8	8465RD	FA-4BC	A24	LL47	LL7-125	D45
WSL275	2B75-4	C8	4SDVB-EK-PLP	4SDB-MC-FB-PT	A10, P19	4SD-EKRD	FA-4SDB-MKO	A24	LL57	LL7-150	D45
WSM110	1B100-3	C7	4SDVB-EK-PLP	4SDB-MKO-FB	A9	4SDVB-EK-PLRD	FA-4SDB-MKO-FB	A24	LL67	LL7-200	D45
WSM150	1B50-3	C7	8485B	51025	A19	8487RD	FA-5BC	A24	LL77	LL7-250	D45
WSM150B	1B50-3-BR	C7	8485A	51050	A19	45JD-EKRD	FA-5SDB-MKO	A24	LL87	LL7-300	D45
WSM150W	1B50-3-W	C7	8485C	51058	A19	FS-GKR-1N	FG-1	C12, D52	LL107	LL7-400	D45
WSM175	1B75-3	C7	8485D	51100	A19	GK100-N	G-100	D43	LL75A	LL-75	D36
WSM210	2B100-3	C8	8485E	51125	A19	GK125-150-N	G-125/150	D43	LL17	LL7-50	D45
WSM250	2B50-3	C8	856-150	51150	A19	GK200-N	G-200	D43	LL27	LL7-75	D45
WSM275	2B75-3	C8	8486F	52000	A19	GK250-300-N	G-250/300	D43	LL38	LL8-100	D48
WSP150	1B50-5	C7	8486B	52025	A19	GK350-400-N	G-350/400	D43	LL448	LL8-125	D48
WSP175	1B75-5	C7	8486A	52050	A19	GK50-N	G-50	D43	LL58	LL8-150	D48
WSP250	2B50-5	C8	8486	52075	A19	GK75-N	G-75	D43	LL68	LL8-200	D48
WSP275	2B75-5	C8	8486D	52100	A19	384LES-VB	GB-1-NM-FB	A34	LL78	LL8-250	D48
WSR250	2B50-6X	C8	8486E	52125	A19	384OW	GB-1-NM-OW	A34	LL888	LL8-300	D48
WSR275	2B75-6X	C8	857-150	52150	A19	111HB	GB-1-OW	A34	LL18	LL8-50	D48
WST250	2B50-7	C8	857-200	52200	A19	GC-1DB	GCB-50/100	D29	LL28	LL8-75	D48
WST275	2B75-7	C8	8488A	53050	A18	APP370FIG	GICG7-100	D47	LR100A	LR-100	D37
WSV1B	1C-TS-BR	C4	8488B	53058	A18	APP470FIG	GICG7-125	D47	LR125A	LR-125	D37
WSV1W	1C-TS-W	C4	8488C	53075	A18	APP570FIG	GICG7-150	D47	LR150A	LR-150	D37
WSX150	1B50-5X	C7	8488D	53100	A18	APP670FIG	GICG7-200	D47	LR200A	LR-200	D37
WSX175	1B75-5X	C7	8488E	53125	A18	APP870FIG	GICG7-250/300	D47	LR250A	LR-250	D37
WSX250	2B50-5X	C8	8489	5501	A20	APP970FIG	GICG7-350/400	D47	LR300A	LR-300	D37
WSX275	2B75-5X	C8	8491,8491N	5502	A20	APP170FIG	GICG7-50	D47	LR50A	LR-50	D37
WVD1	1C-DV	C4	8494	5503	A20	APP270FIG	GICG7-75	D47	LR37	LR7-100	D44
WVD1B	1C-DV-BR	C4	8484	5504	A20	380FIG	GICG8-100	D50	LR47	LR7-125	D44
WVDD2	2C-2D	C6	8496	5505	A20	480FIG	GICG8-125	D50	LR57	LR7-150	D44
WVDDW	1C-DV-W	C4	8497	5506	A20	580FIG	GICG8-150	D50	LR67	LR7-200	D44
WVDG2	2C-DG	C6	8498	5507	A20	680FIG	GICG8-200	D50	LR77	LR7-250	D44
WVDL1	1CL-DV	C5	8499	5508	A20	880FIG	GICG8-250/300	D50	LR87	LR7-300	D44
WVG1	1C-GV	C4	8490	5511	A20	980FIG	GICG8-350/400	D50	LR107	LR7-400	D44
WVG1W	1C-GV-W	C4	8493N	5512	A20	180FIG	GICG8-50	D50	LR75A	LR-75	D37
WVG2	2C-2G	C6	8484A	5514	A20	280FIG	GICG8-75	D50	LR17	LR7-50	D44
WVGIB	1C-GV-BR	C4	8492,8492N	5522	A20	16LES	GMB-NM-NO	A36	LR27	LR7-75	D44
WVGL1	1CL-GV	C5	8484B,8484BN	5524	A20	SCR1032	GS-1032	A37	LR38	LR8-100	D48
WVP141	1CL-SV	C5	4SJD1	5SDB-100	A17	4CSX1/2PL	HB-1-MKO-AB	A31	LR448	LR8-125	D48
WVP161	1C-P020	C4	BS-100A	AC-100	D43	2510	HBC-DR	A32	LR58	LR8-150	D48
WVP171	1C-P030	C4	BS-200A	AC-200	D43	2538	HBC-PO	A32	LR68	LR8-200	D48
WVP211	1C-P040	C4	BH500	BCM-25	D54, D78	2539	HBC-SR	A32	LR78	LR8-250	D48
WVP21L2	2CL-P060	C6	BH502	BCM-38	D54, D78	LB100A	LB-100	D36	LR888	LR8-300	D48
WVS1	1C-SV	C4	SX-18	BHA-1C	A40, D75	LB-100ACG	LB-100A	D33	LR18	LR8-50	D48
WVS1B	1C-SV-BR	C4	C100A	C-100	D37	LB125A	LB-125	D36	LR28	LR8-75	D48
WVSD2	2C-SD	C6	C125A	C-125	D37	LB-125ACG	LB-125A	D33	LVP250	MB-D	A28
WVSG2	2C-GS	C6	C150A	C-150	D37	LB150A	LB-150	D36	C-100	MC-100	D40
WVSS2	2C-2S	C6	C200A	C-200	D37	LB-150ACG	LB-150A	D33	C-125	MC-125	D40
FSK-1B-C	1MFC-B	C12, D52	C50A	C-50	D37	LB200A	LB-200	D36	C-150	MC-150	D40
FSK-1DR-C	1MFC-D	C12, D52	C37	C7-100	D45	LB-200ACG	LB-200A	D33	C-200	MC-200	D40
FSK-1TSG-C	1MFC-TS	C12, D52	C47	C7-125	D45	LB250A	LB-250	D36	C-250	MC-250	D40
FD-1-50	1MFD-50	C12, D51	C57	C7-150	D45	LB300A	LB-300	D36	C-75	MC-75	D40

APPLETON®

APPLETON	ORBIT	PAGE
IBC-200	MCBI-200	D68
IBC-75	MCBI-75	D68
PC100RA	MCCR-100	D53
PC-75RA	MCCR-75	D53
25-38C	MC-DX-50	D13
EF-75	MCSI-75	D25, D79
EFL-75	MCSI90-75	D25, D79
LB-100	MLB-100	D38
LB-125	MLB-125	D38
LB-150	MLB-150	D38
LB-200	MLB-200	D38
LB-250	MLB-250	D38
LB-300	MLB-300	D38
LB350-M	MLB-350	D38
LB-400	MLB-400	D38
LB-50	MLB-50	D38
LL-100	MLL-100	D39
LL-75	MLL-75	D39
LR-100	MLR-100	D39
LR-50	MLR-50	D39
LR-75	MLR-75	D39
4Q-100,4QS-100	MLT-100	D18
4Q-125,4QW-125	MLT-125	D18
4Q-150,4QS-150	MLT-150	D18
4Q-200	MLT-200	D18
4Q-250	MLT-250	D18
4Q-300	MLT-300	D18
4Q-350	MLT-350	D18
4Q-38,4QS-38	MLT-38	D18
4QS-400	MLT-400	D18
4Q-4100,4QS-4100	MLT45-100	D19
4Q-4125,4QS-4125	MLT45-125	D19
4Q-4150,4QS-4150	MLT45-150	D19
4Q-4200,4QS-4200	MLT45-200	D19
4Q-438,4QS-438	MLT45-38	D19
4Q-450,4QS-450	MLT45-50	D19
4Q-475,4QS-475	MLT45-75	D19
4Q-50,4QS-50	MLT-50	D18
4Q-7,4QS-75	MLT-75	D18
4Q-9100,4QS-9100	MLT90-100	D21
4Q-9125,4QS-9125	MLT90-125	D21
4Q-9150, 4QS-9150	MLT90-150	D21
4Q-9200,4QS-9200	MLT90-200	D21
4QS-9250	MLT90-250	D21
4Q-938,4QS-938	MLT90-38	D21
4Q-950,4QS-950	MLT90-50	D21
4Q-975,4QS-975	MLT90-75	D21
4Q-100T,4QS-100T	MLTI-100	D18
4Q-125T,4QS-125T	MLTI-125	D18
4Q-150T,4QS-150T	MLTI-150	D18
4Q-200T,4QS-200T	MLTI-200	D18
4QS-250-T	MLTI-250	D18
4QS-300-T	MLTI-300	D18
4QS-350-T	MLTI-350	D18
4Q-38T,4QS-38T	MLTI-38	D18
4QS-400-T	MLTI-400	D18
4Q-4100T,4QS-4100T	MLTI45-100	D19
4Q-4125T,4QS-4125T	MLTI45-125	D19
4Q-4150T,4QS-4150T	MLTI45-150	D19
4Q-4200T, 4QS-4200T	MLTI45-200	D19
4QS-4250-T	MLTI45-250	D19
4QS-4300-T	MLTI45-300	D19
4QS-4350-T	MLTI45-350	D19
4Q-438T	MLTI45-38	D19
4QS-4400-T	MLTI45-400	D19
4Q-450T,4QS-450T	MLTI45-50	D19
4Q-475T, 4QS-475T	MLTI45-75	D19
4Q-50T,4Q-S50T	MLTI-50	D18
4Q-75T,4QS-75T	MLTI-75	D18
4Q-9100T,4QS-9100T	MLTI90-100	D21
4Q-9125T,4QS-9125T	MLTI90-125	D21
4Q-9150T,4QS-9150T	MLTI90-150	D21
4Q-9200T,4QS-9200T	MLTI90-200	D21
4QS-9250-T	MLTI90-250	D21
4QS-9300-T	MLTI90-300	D21
4QS-9350-T	MLTI90-350	D21
4Q-938T,4QS-938T	MLTI90-38	D21
4QS-9400-T	MLTI90-400	D21
4Q-950T,4QS-950T	MLTI90-50	D21
4Q-975T,4QS-975T	MLTI90-75	D21
4-100	MR3C-100	D24
EC125	MR3C-125	D24
4-150	MR3C-150	D24
4-200	MR3C-200	D24
EC250	MR3C-250	D24
4-300	MR3C-300	D24
18354	MR3C-50	D24
4-75	MR3C-75	D24

APPLETON	ORBIT	PAGE
RB350300	MRB-350/300	D67
31-100	MRT-100	D23
31-125	MRT-125	D23
31-150	MRT-150	D23
31-200	MRT-200	D23
NTC250	MRT-250	D23
NTC300	MRT-300	D23
31-050	MRT-50	D23
31-075	MRT-75	D23
30-100	MRTC-100	D23
30-125	MRTC-125	D23
30-150	MRTC-150	D23
30-200	MRTC-200	D23
NTCC250	MRTC-250	D23
30-400	MRTC-400	D23
30-050	MRTC-50	D23
30-075	MRTC-75	D23
133AP-1/2	MSB-3-FB	A28
134APFB-1/2	MSB-4-FB	A28
LMF9050	MSE90-50	D25
T-100	MT-100	D40
T-200	MT-200	D40
T-50	MT-50	D40
T-75	MT-75	D40
333G	NS-50/75	A38, D58
OEG-50	OCC-50	D5
OEG-75	OCC-75	D5
OE-50	OCS-50	D5
OE-75	OCS-75	D5
EGC-50	OF1611	D5, D9, D26
EGC-75	OF1612	D5, D9, D26
AC-97	OF6463	D9
C-15L	OF6620	D12
C-5	OF730	D8
C-8	OF731	D8
24-34	OF732	D8
24-100	OF733	D8
24-125	OF734	D8
24-125T	OF734-S	D8
24-150	OF735	D8
7485-I	OF735-S	D8
24-200	OF736	D8
7486-I	OF736-S	D8
24-250	OF737	D8
24-300	OF738	D8
7050SRT	OF7601-SW	D2
7050SR	OF7601-W	D2
7075GSRT	OF7602-SW	D2
7075SR	OF7602-W	D2
7100GSRT	OF7603-SW	D2
7100SR	OF7603-W	D2
7125GSRT	OF7604-SW	D2
7125SR	OF7604-W	D2
7150GSRT	OF7605-SW	D2
7150SR	OF7605-W	D2
7200GSRT	OF7606-SW	D2
7200SR	OF7606-W	D2
7250GSRT	OF7607-SW	D2
7300GSRT	OF7608-SW	D2
7400GSRT	OF7610-SW	D2
6075GSR	OF7612-W	D2
6100GSR	OF7613-W	D2
6150GSR	OF7615-W	D2
6200GSR	OF7616-W	D2
6250GSR	OF7617-W	D2
6300GSR	OF7618-W	D2
6400GSR	OF7620-W	D2
28-250,4250S	OF7707	D1
28-250T,4250ST	OF7707-S	D1
28-300,4300S	OF7708	D1
28-300T, 4300ST	OF7708-S	D1
28-350,4350S	OF7709	D1
28-350T,4350ST	OF7709-S	D1
28-400,4400S	OF7710	D1
28-400T,4400ST	OF7710-S	D1
29-250,5250S	OF7717	D1
29-300,5300S	OF7718	D1
29-350,5350S	OF7719	D1
29-400,5400S	OF7720	D1
RN-150	ON-150	D62
OFN-200,ON-200	ON-200	D62
31-100T,IB-100	PB-100	D67
31-125T,IB-125	PB-125	D67
31-150T,IB-150	PB-150	D67
31-200T,IN-200	PB-200	D67
31-250T,IB-250	PB-250	D67
31-300T,IB-300	PB-300	D67
31-350T,IB-350	PB-350	D67

APPLETON	ORBIT	PAGE
31-400T,IB-400	PB-400	D67
IB-500	PB-500	D67
IB-600	PB-600	D67
31-075T,IB-75	PB-75	D67
FF-100	PE-100	D32
FF-125	PE-125	D32
FF-050	PE-50	D32
FF-075	PE-75	D32
MF-050	PEB-50	D32
MF-075	PEB-75	D32
323R, RB-323S	RB-100/50	D67
322R, RB-322S	RB-100/75	D67
327R, RB-327S	RB-125/100	D67
325R, RB-325S	RB-125/50	D67
326R, RB-326S	RB-125/75	D67
328R, RB-327S	RB-150/125	D67
330R, RB-330S	RB-150/50	D67
329R, RB-329S	RB-150/75	D67
333R, RB-333	RB-200/100	D67
332R, RB-332	RB-200/125	D67
331R, RB-331	RB-200/150	D67
335R, RB-336	RB-200/50	D67
334R, RB-334, RB-335	RB-200/75	D67
RB250200	RB-250/200	D67
RB300200	RB-300/200	D67
RB300250	RB-300/250	D67
RB350250	RB-350/250	D67
320R, RB-320S	RB-50/38	D67
321R, RB-321S	RB-75/50	D67
29-100	RSC-100	D22
29-125	RSC-125	D22
29-150	RSC-150	D22
29-200	RSC-200	D22
29-050	RSC-50	D22
29-075	RSC-75	D22
NTC50	RT-50	D22
NTC75	RT-75	D22
NTCC50	RTC-50	D23
NTCC75	RTC-75	D23
C-1001-R	RX-100	D11
C-1251-R	RX-125	D11
2G-50	SB-2	A26
3G-50	SB-3	A26
5G5075S	SB-5	A26
6G5075S	SB-6	A26
LVP-2	SB-D	A26
K125-150	SC-125/150	D43
K250-300	SC-250/300	D43
K350-400	SC-350/400	D43
APP370IG	SCG7-100	D46
APP470IG	SCG7-125	D46
APP570IG	SCG7-150	D46
APP670IG	SCG7-200	D46
APP870IG	SCG7-250/300	D46
APP970IG	SCG7-350/400	D46
APP170IG	SCG7-50	D46
APP270IG	SCG7-75	D46
380IG	SCG8-100	D50
480IG	SCG8-125	D50
580IG	SCG8-150	D50
680IG	SCG8-200	D50
880IG	SCG8-250/300	D50
980IG	SCG8-350/400	D50
180IG	SCG8-50	D50
280IG	SCG8-75	D50
TH-1903	SE2-100	D56
TH-1904	SE2-125	D56
TH-1905	SE2-150	D56
TH-1906	SE2-200	D56
TH-1901	SE2-50	D56
TH-1902	SE2-75	D56
16-05S	SES1-100	D58
SLB100	SLB-100	D35
SLB125	SLB-125	D35
SLB150	SLB-150	D35
SLB200	SLB-200	D35
SLB50	SLB-50	D35
SLB75	SLB-75	D35
1-100S	SLN-100	D71
1-125S	SLN-125	D71
1-150S	SLN-150	D71
1-200S	SLN-200	D71
1-250S	SLN-250	D71
1-300	SLN-300	D71
1-350S	SLN-350	D71
1-400	SLN-400	D71
1-50S	SLN-50	D71
1-500S	SLN-500	D71

APPLETON	ORBIT	PAGE
1-600S	SLN-600	D71
1-75S	SLN-75	D71
TH-1803	SR2-100	D57
TH-1804	SR2-125	D57
TH-1805	SR2-150	D57
TH-1806	SR2-200	D57
TH-1801	SR2-50	D57
TH-1802	SR2-75	D57
14-100G	SRM1-100	D54, D57
14-125G	SRM1-125	D54, D57
14-150G	SRM1-150	D54, D57
14-200G	SRM1-200	D54, D57
14-250G	SRM1-250	D54, D57
14-300G	SRM1-300	D54, D57
14-350G	SRM1-350	D54, D57
14-400G	SRM1-400	D54, D57
14-38G	SRM1-50	D54, D57
14-75G	SRM1-75	D54, D57
LC-100-SS	SSC-100	D42
LC-125-SS	SSC-125	D42
LC-150-SS	SSC-150	D42
LC-200-SS	SSC-200	D42
LC-50-SS	SSC-50	D42
LC-75-SS	SSC-75	D42
LB-100-SS	SSLB-100	D41
LB-125-SS	SSLB-125	D41
LB-150-SS	SSLB-150	D41
LB-200-SS	SSLB-200	D41
LB-250-SS	SSLB-250	D41
LB-300-SS	SSLB-300	D41
LB-350-SS	SSLB-350	D41
LB-400-SS	SSLB-400	D41
LB-50-SS	SSLB-50	D41
LB-75-SS	SSLB-75	D41
LL-100-SS	SSLL-100	D41
LL-125-SS	SSLL-125	D41
LL-150-SS	SSLL-150	D41
LL-200-SS	SSLL-200	D41
LL-50-SS	SSLL-50	D41
LL-75-SS	SSLL-75	D41
LR-100-SS	SSLR-100	D41
LR-125-SS	SSLR-125	D41
LR-150-SS	SSLR-150	D41
LR-200-SS	SSLR-200	D41
LR-50-SS	SSLR-50	D41
LR-75-SS	SSLR-75	D41
THL-500	SSPEB-G50	D32
TC-100-SS	SST-100	D42
TC-125-SS	SST-125	D42
TC-150-SS	SST-150	D42
TC-200-SS	SST-200	D42
TC-50-SS	SST-50	D42
TC-75-SS	SST-75	D42
CF-250H	SU2-250	D56, D57
CF-300H	SU2-300	D56, D57
CF-350H	SU2-350	D56, D57
CF-400H	SU2-400	D56, D57
T100A	T-100	D38
T125A	T-125	D38
T150A	T-150	D38
T200A	T-200	D38
T300A	T-300	D38
T50A	T-50	D38
T37	T7-100	D46
T47	T7-125	D46
T57	T7-150	D46
T67	T7-200	D46
T77	T7-250	D46
T87	T7-300	D46
T107	T7-400	D46
T75A	T-75	D38
T17	T7-50	D46
T27	T7-75	D46
T38	T8-100	D49
T448	T8-125	D49
T58	T8-150	D49
T68	T8-200	D49
T78	T8-250	D49
T88	T8-300	D49
T18	T8-50	D49
T28	T8-75	D49
2220W	TG-1	A34
WECC-125-3	WECC-125-3	D16
WECC-200-20	WECC-200-20	D16
WECC-200-40	WECC-200-40	D16
HUBG100DN	WHG-100	D60
HUBG125DN	WHG-125	D60
HUBG150DN	WHG-150	D60

APPLETON®

APPLETON	ORBIT	PAGE
HUBG200DN	WHG-200	D60
HUBG250DN	WHG-250	D60
HUBG300DN	WHG-300	D60
HUBG400DN	WHG-400	D60
HUBG50DN	WHG-50	D60
HUBG75DN	WHG-75	D60

OZG®

OZG	ORBIT	PAGE
111	GSB-1	A33
111HB	GB-1-OW	A34
132AP1/2	DHB-2	A25
132APFB-SPL	DHB-2-FB	A25
133AP-1/2	MSB-3-FB	A28
133APFB-1/2	DHB-3-FB	A25
134APFB-1/2	DHB-4-B	A25
1401	PWH-M	A41, D79
1402	PWH-L	A41, D79
14-100S	SR1-100	D57
14-125S	SR1-125	D57
14-150S	SR1-150	D57
14-200S	SR1-200	D57
14-250S	SU1-250	D56, D57
14-300S	SU1-300	D56, D57
14-350S	SU1-350	D56, D57
14-400S	SU1-400	D56, D57
14-50S	SR1-50	D57
14-75S	SR1-75	D57
1490	SB-EXT	A37
15-100S	SE1-100	D56
15-125S	SE1-125	D56
15-150S	SE1-150	D56
15-200S	SE1-200	D56
15-50S	SE1-50	D56
15-75S	SE1-75	D56
16-01S, 16-02S, 16-03S	SES1-50	D58
16-04S	SES1-75	D58
16LES	GMB-NM-NO	A36
171F	GSB-1-MC	A33
173F	GB-1-MC	A34
173FHB	GB-1-MC-OW	A34
173FNL	GB-1-MC-B	A34
173FVB	GB-1-MC-FB	A34
174F	GMB-1-MC	A35
174FVB-PL	GMB-1-MC-FB	A35
175F	GDB-1-MC	A36
175FVB	GDB-1-MC-FB	A36
222	GB-1	A34
222LE	GB-1-NE	A34
222NL	GB-1-B	A34
222-OW	TG-1	A34
222VB-PL	GB-1-FB	A34
225	GB-1-MKO	A34
2510	HBC-DR	A32
2538	HBC-PO	A32
2539	HBC-SR	A32
2540	HBC-B	A32
2555	HBC-BK	A32
2594	HBC-TS	A32
2G-50	SB-2	A26
2GC-75	SR-2	A27
333	GMB-1	A35
333D	GDB-1	A36
333D-LE	GDB-1-NE	A36
333LE	GMB-1-NE	A35
333VB	GMB-1-FB	A35
383	GSB-1-NM	A33
384	GB-1-NM	A34
384D	GDB-1-NM	A36
384D-NL	GDB-1-NM-B	A36
384D-VBPL	GDB-1-NM-FB	A36
384LES-VB	GB-1-NM-FB	A34
384NL	GB-1-NM-B	A34
384OW	GB-1-NM-OW	A34
384-OW	GB-1-NM-OW	A34
388HB	GBV-OW	A33
388LE-OR-44LE	GBV-NE	A33
388NL-OR-44NL	GBV-B	A33
388-OR-44	GBV	A33
388VB-OR-44VB	GBV-FB	A33
389	GMB-1-NM	A35
389VB	GMB-1-NM-FB	A35
3G-50	SB-3	A26
3GC-75	SR-3	A27
3O-1/2	3RB-50	A2
3OE-1/2	3RB-50-EXT	A2
4050S	OF7701	D1

OZG	ORBIT	PAGE
4050ST	OF7701-S	D1
4075S	OF7702	D1
4075ST	OF7702-S	D1
4100S	OF7703	D1
4100ST	OF7703-S	D1
4125S	OF7704	D1
4125ST	OF7704-S	D1
4150S	OF7705	D1
4150ST	OF7705-S	D1
4200S	OF7706	D1
4200ST	OF7706-S	D1
4250S	OF7707	D1
4250ST	OF7707-S	D1
4300S	OF7708	D1
4300ST	OF7708-S	D1
4350S	OF7709	D1
4350ST	OF7709-S	D1
4400S	OF7710	D1
4400ST	OF7710-S	D1
4CL	4PB	A2
4CS-1/2	DHB-1-50	A31
4CS-3/4	DHB-1-75	A31
4CSE1/2	HB-1-50-EXT	A31
4CSL-1/2	DHSSB-1-50	A31
4CSVB-1/2	HB-1-50-FB	A31
4CSX1/2PL	HB-1-MKO-AB	A31
4G-5075	SB-4	A26
4GC-75	SR-4	A27
4O-1/2	D4RB-50	A3
4O-3/4	D4RB-75	A3
4OD-1/2	4RDB-MKO	A4
4OE-1/2	4RB-50-EXT	A3
4OE-SPL	4RB-MKO-EXT	A3
4OJB-1/2	4RB-50-LB	A3
4O-SPL	D4RB-50/75	A3
4OVB-1/2	4RB-50-FB	A3
4S-1/2	4SB-50	A7
4S1/2-DR	D4SB-50	A6
4S-3/4	4SB-75	A7
4S3/4-DR	D4SB-75	A6
4SAB-EK	4SB-MKO-WB	A7
4SB-EK	4SB-MKO-B	A7
4SD-1	4SDB-100	A9
4SD-3/4	4SDB-75	A9
4SD-EK	4SDB-MKO	A9
4SD-SPL	4SDB-50/75	A9
4SDVB-EK-PL	4SDB-MKO-FB	A9
4SE-1/2	4SB-50-EXT	A7
4SEK	4SB-MKO	A7
4SJD-1	5SDB-100	A17
4SJD-1-1/4	5SDB-125	A17
4SJD-1-VB	5SDB-100-FB	A17
4SJD-3/4	5SDB-75	A17
4SJD-3/4-1	5SDB-75/100	A17
4SL-1/2	D4SSB-50	A6
4SOB-EK	4SB-MKO-OB	A7
4SPD	D4SDB-50/75	A6
4SRAB-EK	4SB-NM-WB	A8
4SRB-EK	4SB-NM-B	A8
4SRD	4SDB-NM	A10
4SRDVB-PL	4SDB-NM-FB	A10
4SR-EK	4SB-NM	A8
4SR-SB21/2	4SB-NM-MS	A8
4SRVB-EK-PL	4SB-NM-FB	A8
4SSBE-SPL	4SB-MKO-EHB	A7
4SSL-1/2	HDB-1-50	A32
4SSL-3/4	HDB-1-MKO	A32
4SSLVB-1/2	HDB-1-50-FB	A32
4SSLX-1/2PL	HDB-1-MKO-AB	A32
4S-SPL	4SB-50/75	A7
4S-SPL-DR	D4SB-50/75	A6
4SVB3/4PL	4SB-75-FB	A7
4SVB-EK-PL	4SB-MKO-FB	A7
4SXAB-EK	4SB-MC-WB	A8, P20
4SXB-EK-PL	4SB-MC-B	A8, P20
4SXD	4SDB-MC	A10, P19
4SXDVB-PL	4SDB-MC-FB	A10
4SX-EK	4SB-MC	A8
4SX-SB21/2	4SB-MC-MS	A8
4SXVB-EK-PL	4SB-MC-FB	A8
5050S	OF7711	D1
5075S	OF7712	D1
5100S	OF7713	D1
510L	3PB-NM	A2
5125S	OF7714	D1
5150S	OF7715	D1
5200S	OF7716	D1
5250S	OF7717	D1

OZG	ORBIT	PAGE
5300S	OF7718	D1
5350S	OF7719	D1
5400S	OF7720	D1
551L	4RB-MC	A4
551LJB	4RB-MC-LB	A4
560L	3RB-NM	A2
560LVB	3RB-NM-FB	A2
561LD	4RDB-NM	A4
561LDJB	4RDB-NM-LB	A4
561LJB	4RB-NM-LB	A3
561LVB	4RB-NM-FB	A3
561LXE	4RB-NM-E	A3
561N	4RB-NM	A3
563L	3PDB-NM	A2
5GC-75	SR-5	A27
6050S	OF7611-W	D2
6075S	OF7612-W	D2
6100S	OF7613-W	D2
6125S	OF7614-W	D2
6150S	OF7615-W	D2
6200S	OF7616-W	D2
6250S	OF7617-W	D2
6300S	OF7618-W	D2
6350S	OF7619-W	D2
6400S	OF7620-W	D2
6GC-75	SR-6	A27
7050S	OF7601	D2
7050ST	OF7601-S	D2
7075S	OF7602	D2
7075ST	OF7602-S	D2
7100S	OF7603	D2
7100ST	OF7603-S	D2
7-100T	CNI-100	D62
7125S	OF7604	D2
7125ST	OF7604-S	D2
7-125T	CNI-125	D62
7150S	OF7605	D2
7150ST	OF7605-S	D2
7-150T	CNI-150	D62
7200S	OF7606	D2
7200ST	OF7606-S	D2
7-200T	CNI-200	D62
7250S	OF7607	D2
7250ST	OF7607-S	D2
7-250T	CNI-250	D62
7300S	OF7608	D2
7300ST	OF7608-S	D2
7-300T	CNI-300	D62
7350S	OF7609	D2
7350ST	OF7609-S	D2
7-350T	CNI-350	D62
7400S	OF7610	D2
7400ST	OF7610-S	D2
7-400T	CNI-400	D62
7-50T	CNI-50	D62
7-75T	CNI-75	D62
7G-5075	SB-7	A26
7GC-75	SR-7	A27
8301A	3RBC	A2
8320	3RBCK	A2
8361	4401	A13
8362	4404	A13
8363	4403	A13
8365N	4402	A13
8367	4411	A13
8379	4405	A13
8403	4RBC	A5
8409	4R058X	A5
8409A	4R050X	A5
8413	4RBCK	A5
8419LR	4RC-SR	A5
8420LR	4RC-DR	A5
8436R	SCR-75	A5, H14
8456R	SCS-75	A5, H14
8461	43058	A12
846-150	41150T	A12
8461B	43075	A12
8461C	43100	A12
8461D	43125	A12
846-200	41200T	A12
8465	4BC	A12
8466	41125	A12
8466A	41100	A12
8468	41075	A12
8468A	41050	A12
8468C	41058	A12
8470C	42058	A12
8474	4BCK	A12

OZG	ORBIT	PAGE
8485	51075	A19
8486C	52058	A19
8487	5BC	A18
8487K	5BCK	A18
856-200	51200	A19
896	SBS	A37, D76, P25
8G-5075	SB-8	A26
8GC-75	SR-8	A27
94	GESB-1	A33
95	GESB-1-NM	A33
AS-0-100	ASB-516	D14, P28
AS-1-100	ASB-50	D14, P28
AS-2-100	ASB-75	D14, P28
AS-3-50	NMLT-50	D17
AS-4-50	NMLT-75	D17
C-1250	RX-125	D11
C-1500	RX-150	D11
C-2000	RX-200	D11
C-500	RX-50	D11
C-750	RX-75	D11
GR12	GC	A37
HUB-100DN	WH-100	D60
HUB-125DN	WH-125	D60
HUB-150DN	WH-150	D60
HUB-200DN	WH-200	D60
HUB-250DN	WH-250	D60
HUB-300DN	WH-300	D60
HUB-350DN	WH-350	D60
HUB-400DN	WH-400	D60
HUB-50DN	WH-50	D60
HUB-75DN	WH-75	D60
HUBG-100DN	WHG-100	D60
HUBG-125DN	WHG-125	D60
HUBG-150DN	WHG-150	D60
HUBG-200DN	WHG-200	D60
HUBG-250DN	WHG-250	D60
HUBG-300DN	WHG-300	D60
HUBG-350DN	WHG-350	D60
HUBG-400DN	WHG-400	D60
HUBG-50DN	WHG-50	D60
HUBG-75DN	WHG-75	D60
LVP-2	SB-D	A26
LVP250	MB-D	A28
M1-250	MSB-1	A28
M2-250	MSB-2	A28
M3-250	MSB-3	A28
M4-250	MSB-4	A28
MF-100	PEB-100	D32
MF-125	PEB-125	D32
OCB	CB-BK	A30
OCB-3/8	CB-BK-STUD	A30
OCR2	2CB	A30
OCR2-1/2	25CB	A30
OCR3	3CB	A30
OCR3-1/2	35CB	A30
OCRA	4CB	A30
RW-10S	RW-150/100	D73
RW-11S	RW-150/125	D73
RW-12S	RW-200/50	D73
RW-13S	RW-200/75	D73
RW-14S	RW-200/100	D73
RW-15S	RW-200/125	D73
RW-16S	RW-200/150	D73
RW-17S	RW-250/50	D73
RW-18S	RW-250/75	D73
RW-19S	RW-250/100	D73
RW-20S	RW-250/125	D73
RW-21S	RW-250/150	D73
RW-22S	RW-250/200	D73
RW-25S	RW-300/100	D73
RW-26S	RW-300/125	D73
RW-27S	RW-300/150	D73
RW-28S	RW-300/200	D73
RW-29S	RW-300/250	D73
RW-2S	RW-75/50	D73
RW-34S	RW-350/150	D73
RW-35S	RW-350/200	D73
RW-36S	RW-350/250	D73
RW-37S	RW-350/300	D73
RW-3S	RW-100/50	D73
RW-43S	RW-400/200	D73
RW-44S	RW-400/250	D73
RW-45S	RW-400/300	D73
RW-46S	RW-400/350	D73
RW-4S	RW-100/75	D73
RW-5S	RW-125/50	D73
RW-6S	RW-125/75	D73
RW-7S	RW-125/100	D73

OZG®

OZG	ORBIT	PAGE
RW-8S	RW-150/50	D73
RW-9S	RW-150/75	D73
SCR1032	GS-1032	A37
SLB-100	SLB-100	D35
SLB-125	SLB-125	D35
SLB-150	SLB-150	D35
SLB-200	SLB-200	D35
SLB-50	SLB-50	D35
SLB-75	SLB-75	D35
SX115-40-1/2	4RB-50-BHA	A3
SX115-551L	4RB-MC-BHA	A4
SX115-561L	4RB-NM-BHA	A3
SX160	BHA-1	A40, D75
SX-18	BHA-1C	A40, D75
TC-501	OF701	D3
THR-100S	SR2-100	D57
THR-125S	SR2-125	D57
THR-150S	SR2-150	D57
THR-200S	SR2-200	D57
THR-50S	SR2-50	D57
THR-75S	SR2-75	D57

B-LINE®

B-LINE	ORBIT	PAGE
10104 RTSC	10104R	B2
10104 RTSC NK	10104RNK	B2
10104 SC	10104	B1
10104 SCNK	10104NK	B1
10106 RTSC	10106R	B2
10106 RTSC NK	10106RNK	B2
10106 SC	10106	B1
10106 SCNK	10106NK	B1
12124 RTSC	12124R	B2
12124 RTSC NK	12124RNK	B2
12124 SC	12124	B1
12124 SCNK	12124NK	B1
12126 RTSC	12126R	B2
12126 RTSC NK	12126RNK	B2
12126 SC	12126	B1
12126 SCNK	12126NK	B1
12128 RTSC	12128R	B2
12128 RTSC NK	12128RNK	B2
12128 SC	12128	B1
12128 SCNK	12128NK	B1
16164 RTSC	16164R	B2
16164 RTSC NK	16164RNK	B2
16164 SC	16164	B1
16164 SCNK	16164NK	B1
16166 RTSC	16166R	B2
16166 RTSC NK	16166RNK	B2
16166 SC	16166	B1
16166 SCNK	16166NK	B1
18184 RTSC	18184R	B2
18184 RTSC NK	18184RNK	B2
18184 SC	18184	B1
18184 SCNK	18184NK	B1
18186 RTSC	18186R	B2
18186 RTSC NK	18186RNK	B2
18186 SC	18186	B1
18186 SCNK	18186NK	B1
18188 RTSC	18188R	B2
18188 RTSC NK	18188RNK	B2
18188 SC	18188	B1
18188 SCNK	18188NK	B1
24244 RTSC	24244R	B2
24244 RTSC NK	24244RNK	B2
24244 SC	24244	B1
24244 SCNK	24244NK	B1
24246 RTSC	24246R	B2
24246 RTSC NK	24246RNK	B2
24246 SC	24246	B1
24246 SCNK	24246NK	B1
24248 RTSC	24248R	B2
24248 RTSC NK	24248RNK	B2
24248 SC	24248	B1
24248 SCNK	24248NK	B1
444 RTSC	444R	B2
444 RTSC	444RNK	B2
444 SC	444	B1
444 SCNK	444NK	B1
664 RTSC	664R	B2
664 SC	664	B1
666 RTSC	666R	B2
666 SC	666	B1
884 RTSC	884R	B2
884 SC	884	B1
886 RTSC	886R	B2

B-LINE	ORBIT	PAGE
886 SC	886	B1
B1224S	STS-150	D55
B1508	STS-50	D55
B1508S	STS-50	D55
B1512	STS-75	D55
B1512S	STS-75	D55
B1516	STS-100	D55
B1516S	STS-100	D55
B1520	STS-125	D55
B1520S	STS-125	D55
B1532S	STS-200	D55
B1534S	STS-250	D55
B1540S	STS-300	D55
B1556S	STS-350	D55
B1564S	STS-400	D55
B2017SS4	ST-400	D55
B444-1/2	BCM-50	D54, D78
B444-1/4	BCM-25	D54, D78
B444-3/8	BCM-38	D54, D78
BA12	BHT-1	A39, D74, P15
BA50A	BHT-1A	A39, D74, P15
BB2-16T	BHA-16	A40, D75, P3
BB2-24T	BHA-24	A40, D75, P3
BB32	DLR-1G	A37
BB33L	SBS	A37, D76, P25
BB4-4	BMA-4	P10
BC442	BC-25	D55, D78
BF1-64	ABS	A40, D75
BF1-96	ABS-6	A40, D75
BH10	SH-2	A41, D78
BH15	FH-S	A41, D78
BH16	FH-E	A41, D78
BH9	JC-12	A41, D78
BL1400	PH-50B	D55
BL1410	PH-75B	D55
BL1420	PH-100B	D55
BL1430	PH-125B	D55
BL1440	PH-150B	D55
BL1450	PH-200B	D55
BL1460	PH-250B	D55
BL1470	PH-300B	D55
BL1480	PH-350B	D55
BL1490	PH-400B	D55
BRC6M	CS-CJ6	D58, P28

THEPIT®

THEPIT	ORBIT	PAGE
TP7120	EXR-1	C10
TP7123	EXR-2	C10
TP7146	RB50-5	C11
TP7149	RB50-5-BR	C11
TP7148	RB50-5-W	C11
TP7150	RB75-5	C11
TP7158	RBC-4	C11
TP7300	RC-1	C11
TP7302	RC-1-BR	C11
TP7301	RC-1-W	C11
TP7178	HL2-GY	C14, H5
TP7122	2B75-5X	C8
TP7114	2B75-7	C8
TP7228	2C-2D	C6
TP7252	2C-2G	C6
TP7272	2CA-SW15	C6
TP7248	2C-GD	C6
TP7244	2C-GS	C6
TP7134	2DB100-5	C8
TP7130	2DB75-5	C8
TP7312	RE-1	C5
TP7313	RE-1-BR	C5
TP7314	RE-1-W	C5
TP7316	RE-2	C5
TP7317	RE-2-BR	C5
TP7318	RE-2-W	C5
TP7320	RE-3	C5
TP7321	RE-3-W	C5
TP7322	RE-3-BR	C5
TP7293	1-BC-W	C4
TP7010	1B50-3	C7
TP7012	1B50-3-BR	C7
TP7011	1B50-3-W	C7
TP7026	1B50-4	C7
TP7042	1B50-5	C7
TP7058	1B50-5X	C7
TP7018	1B75-3	C7
TP7050	1B75-5	C7
TP7066	1B75-5X	C7
TP7207	1C-DH	C4

THEPIT	ORBIT	PAGE
TP7208	1C-DH-BR	C4
TP7209	1C-DH-W	C4
TP7199	1C-DV	C4
STG 1	1C-GH	C4
TP7240	1C-GV	C4
TP7242	1C-GV-BR	C4
TP7241	1C-GV-W	C4
TP7218	1C-PO40	C4
TP7260	1CA-SW15	C4
TP7082	1DB100-3	C7
TP7074	1DB50-3	C7
TP7078	1DB75-3	C7
TP7086	2B50-3	C8
TP7094	2B50-4	C8
TP7102	2B50-5	C8
TP7118	2B50-5X	C8
TP7110	2B50-7	C8
TP7090	2B75-3	C8
TP7098	2B75-4	C8
TP7106	2B75-5	C8

COOPER-CH®

COOPER-CH	ORBIT	PAGE
188	MR3C-500	D24
189	MR3C-600	D24
191	MR3C-75	D24
192	MR3C-100	D24
193	MR3C-125	D24
194	MR3C-150	D24
195	MR3C-200	D24
196	MR3C-250	D24
197	MR3C-300	D24
198	MR3C-350	D24
199	MR3C-400	D24
254	RB-125/50	D67
261	RB-150/50	D67
8403	4RBC-R	A5
80B	PH-50B	D55
1031DC	CB-50	D68
1032DC	CB-75	D68
1033DC	CB-100	D68
11DC	LN-50	D71
11x	SLN-50	D71
12DC	LN-75	D71
12x	SLN-75	D71
13DC	LN-100	D71
13x	SLN-100	D71
1401	PWH-M	A41, D79
1402	PWH-L	A41, D79
141DC	GCBZ-50/100	D29
141PDC	GCB-50/100	D29
1450	OF7701-S	D1
1450DC	OF7701-S	D3
1451	OF7702-S	D1
1451DC	OF7702-S	D3
1452	OF7703-S	D1
1452DC	OF7703-S	D3
1453	OF7704-S	D1
1453DC	OF7704-S	D3
1454	OF7705-S	D1
1454DC	OF7705-S	D3
1455	OF7706-S	D1
1455DC	OF7706-S	D3
1456	OF7707-S	D1
1456DC	OF7707-S	D3
1457	OF7708-S	D1
1457DC	OF7708-S	D3
1458	OF7709-S	D1
1458DC	OF7709-S	D3
1459	OF7710-S	D1
1459DC	OF7710-S	D3
14DC	LN-125	D71
14x	SLN-125	D71
150	AC-50	D43
150G	CG-50	D42
150S	RS-50	D22
151	RS-75	D22
152	RS-100	D22
153	RS-125	D22
154	RS-150	D22
155	RS-200	D22
15DC	LN-150	D71
15x	SLN-150	D71
160	RS-50	D22
16-01S, 16-02S, 16-03S	SES1-50	D58
16-04S	SES1-75	D58
161	RSC-75	D22

COOPER-CH	ORBIT	PAGE
162	RSC-100	D22
163	RSC-125	D22
164	RSC-150	D22
165	RSC-200	D22
1650	OF7601-S	D2
1650DC	OF601-S	D4
1650RT	OF7601-SW	D2
1651	OF7602-S	D2
1651DC	OF602-S	D4
1651RT	OF7602-SW	D2
1652	OF7603-S	D2
1652DC	OF603-S	D4
1652RT	OF7603-SW	D2
1653	OF7604-S	D2
1653DC	OF604-S	D4
1653RT	OF7604-SW	D2
1654	OF7605-S	D2
1654DC	OF605-S	D4
1654RT	OF7605-SW	D2
1655	OF7606-S	D2
1655DC	OF606-S	D4
1655RT	OF7606-SW	D2
1656	OF7607-S	D2
1656DC	OF607-S	D4
1656RT	OF7607-SW	D2
1657	OF7608-S	D2
1657DC	OF608-S	D4
1657RT	OF7608-SW	D2
1658	OF7609-S	D2
1658DC	OF609-S	D4
1658RT	OF7609-SW	D2
1659	OF7610-S	D2
1659DC	OF610-S	D4
1659RT	OF7610-SW	D2
16DC	LN-200	D71
16x	SLN-200	D71
1707DC	OF730-S	D8
1708DC	OF731-S	D8
1709DC	OF732-S	D8
170FG	GICG7-50	D47
170G	SCG7-50	D46
1710	MC-CL-100	D12
1710DC	OF733-S	D8
1711	MC-CL-125	D12
1711DC	OF734-S	D8
1712	MC-CL-150	D12
1712DC	OF735-S	D8
1713	MC-CL-200	D12
1713DC	OF736-S	D8
1714	MC-CL-250	D12
1714DC	OF737-S	D8
1715	MC-CL-300	D12
1715DC	OF738-S	D8
1716DC	OF739-S	D8
1717DC	OF740-S	D8
1721	MC-CL-350	D12
1740	SES1-200	D58
1770DC	OF671-S	D7
1771DC	OF672-S	D7
1772DC	OF673-S	D7
1773DC	OF674-S	D7
1774DC	OF675-S	D7
17DC	LN-250	D71
17x	SLN-250	D71
180F	GICG8-50	D50
180G	SCG8-50	D50
18DC	LN-300	D71
18x	SLN-300	D71
190M	MR3C-50	D24
19DC	LN-350	D71
19x	SLN-350	D71
1B	PH-75B	D55
2 1/2B	PH-105B	D55
200	SE1-50	D56
201	SE1-75	D56
202	SE1-100	D56
203	SE1-125	D56
204	SE1-150	D56
205	SE1-200	D56
206	SU1-250	D56, D57
207	SU1-300	D56, D57
208	SU1-350	D56, D57
209	SU1-400	D56, D57
20DC	LN-400	D71
20x	SLN-400	D71
22	SLN-500	D71
23	SLN-600	D71
2400	OCS-50	D5

COOPER-CH®

COOPER-CH	ORBIT	PAGE	COOPER-CH	ORBIT	PAGE	COOPER-CH	ORBIT	PAGE	COOPER-CH	ORBIT	PAGE
2401	OCS-75	D5	38MCQOW	DSC-38C	D13, P27	515	SRM1-200	D54, D57	670G	SCG7-200	D46
250	AC-75	D43	3B	PH-125B	D55	516	SRM1-250	D54, D57	680F	GICG8-200	D50
250G	CG-75	D42	410	SR1-50	D57	517	SRM1-300	D54, D57	680G	SCG8-200	D50
251	RB-75/50	D67	411	SR1-75	D57	518	SRM1-350	D54, D57	6B	PH-250B	D55
252	RB-100/50	D67	412	SR1-100	D57	519	SRM1-400	D54, D57	702DC	OF654	D8
253	RB-100/75	D67	413	SR1-125	D57	51D	CN-75	D62	703DC	OF655	D8
255	RB-200/50	D67	414	SR1-150	D57	529S	BC-25	D55, D78	707DC	OF730	D8
260	RB-125/100	D67	415	SR1-200	D57	52D	CN-100	D62	708DC	OF731	D8
262	RB-150/75	D67	450	AC-125/150	D43	531	BCM-25	D54, D78	709DC	OF732	D8
263	RB-200/75	D67	450DC	OF701	D3	533	BCM-38	D54, D78	7-100T	CNI-100	D62
2631	RX-75	D11	450G	CG-125/150	D42	534	BCM-50	D54, D78	710DC	OF733	D8
2632	RX-100	D11	450S	OF7701	D1	53D	CN-125	D62	711DC	OF734	D8
2633	RX-125	D11	451	OF7702	D1	54D	CN-150	D62	7-125T	CNI-125	D62
2670	RX-150	D11	451DC	OF702	D3	55D	CN-200	D62	712DC	OF735	D8
2671	RX-200	D11	452	OF7703	D1	561N	4RB-NM	A3	713DC	OF736	D8
269	RB-150/100	D67	452DC	OF703	D3	563L	3PDB-NM	A2	714DC	OF737	D8
2699	MC-DX-50	D13	453	OF7704	D1	570FG	GICG7-150	D47	7-150T	CNI-150	D62
270FG	GICG7-75	D47	453DC	OF704	D3	570G	SCG7-150	D46	715DC	OF738	D8
270G	SCG7-75	D46	454	OF7705	D1	580F	GICG8-150	D50	7-200T	CNI-200	D62
270S	RB-200/100	D67	454DC	OF705	D3	580G	SCG8-150	D50	721DC	OF739	D8
275	RB-150/125	D67	455	OF7706	D1	5B	PH-200B	D55	722DC	OF740	D8
276	RB-200/125	D67	455DC	OF706	D3	650	AC-200	D43	724DC	OF643	D9, D13
280F	GICG8-75	D50	456	OF7707	D1	650DC	OF601	D4	7-250T	CNI-250	D62
280G	SCG8-75	D50	456DC	OF707	D3	650G	CG-200	D42	7-300T	CNI-300	D62
281	RB-200/150	D67	457	OF7708	D1	650RT	OF7601-W	D2	7-350T	CNI-350	D62
2B	PH-100B	D55	457DC	OF708	D3	650S	OF7601	D2	736DC	OF644	D9, D13
30-050	MRTC-50	D23	458	OF7709	D1	651DC	OF602	D4	738DC	OF645	D9, D13
30-075	MRTC-75	D23	458DC	OF709	D3	651RT	OF7602-W	D2	739DC	OF6463	D9
300DC	ON-50	D62	459	OF7710	D1	651S	OF7602	D2	7400T	CNI-400	D62
30-100	MRTC-100	D23	459DC	OF710	D3	652	OF7603	D2	740DC	OF6464	D9
30-125	MRTC-125	D23	460	OF7711	D1	652DC	OF603	D4	741DC	OF6465	D9
30-150	MRTC-150	D23	460DC	OF711	D3	652RT	OF7603-W	D2	742DC	OF6466	D9
301DC	ON-75	D62	461	OF7712	D1	653	OF7604	D2	744DC	OF6467	D9
30-200	MRTC-200	D23	461DC	OF712	D3	653DC	OF604	D4	745DC	OF6468	D9
302DC	ON-100	D62	462	OF7713	D1	653RT	OF7604-W	D2	746DC	OF6469	D9
303DC	ON-125	D62	462DC	OF713	D3	654	OF7605	D2	747DC	OF6470	D9
30-400	MRTC-400	D23	463	OF7714	D1	654DC	OF605	D4	7-50T	CNI-50	D62
304DC	ON-150	D62	463DC	OF714	D3	654RT	OF7605-W	D2	759DC	RX-50	D11
305DC	ON-200	D62	464	OF7715	D1	655	OF7606	D2	770DC	OF671	D7
310S	SES1-100	D58	464DC	OF715	D3	655DC	OF606	D4	771DC	OF672	D7
320R, RB-320S	RB-50/38	D67	465	OF7716	D1	655RT	OF7606-W	D2	772DC	OF673	D7
335	KO-50	D61	465DC	OF716	D3	656	OF7607	D2	773DC	OF674	D7
336	KO-75	D61	466	OF7717	D1	656DC	OF607	D4	774DC	OF675	D7
337	KO-100	D61	466DC	OF717	D3	656RT	OF7607-W	D2	775DC	OF681	D7
338	KO-125	D61	467	OF7718	D1	657	OF7608	D2	7-75T	CNI-75	D62
339	KO-150	D61	467DC	OF718	D3	657DC	OF608	D4	776DC	OF682	D7
340	KO-200	D61	468	OF7719	D1	657RT	OF7608-W	D2	780DC	OF520	D10, D26
342	RW-75/50	D73	468DC	OF719	D3	658	OF7609	D2	791DC	OF676	D7
343	RW-100/50	D73	469	OF7720	D1	658DC	OF609	D4	792DC	OF677	D7
344	RW-100/75	D73	469DC	OF720	D3	658RT	OF7609-W	D2	793DC	OF678	D7
345	RW-125/50	D73	470FG	GICG7-125	D47	659	OF7610	D2	794DC	OF679	D7
346	RW-125/75	D73	470G	SCG7-125	D46	659DC	OF610	D4	795DC	OF685	D7
347	RW-125/100	D73	480F	GICG8-125	D50	659RT	OF7610-W	D2	796DC	OF686	D7
348	RW-150/50	D73	480G	SCG8-125	D50	660DC	OF611	D4	7B	PH-300B	D55
349	RW-150/75	D73	496-3	SR2-50	D57	660RT	OF7611-W	D2	8100EB DC	SSPEB-G100	D32
350	AC-100	D43	496-4	SR2-75	D57	660S	OF7611	D2	8100EE DC	SSPE-G100	D32
350G	CG-100	D42	496-5	SR2-100	D57	661DC	OF612	D4	8100RB DC	PEB-100	D32
350S	RW-150/100	D73	496-6	SR2-125	D57	661RT	OF7612-W	D2	8100RR DC	PE-100	D32
351	RW-150/125	D73	496-7	SR2-150	D57	661S	OF7612	D2	8124RB DC	PEB-125	D32
352	RW-200/50	D73	496-8	SR2-200	D57	662	OF7613	D2	8125EB DC	SSPEB-G125	D32
353	RW-200/75	D73	497-1	SE2-50	D56	662DC	OF613	D4	8125EE DC	SSPE-G125	D32
354	RW-200/100	D73	497-10	SU2-300	D56, D57	662RT	OF7613-W	D2	8125RR DC	PE-125	D32
355	RW-200/125	D73	497-11	SU2-350	D56, D57	663	OF7614	D2	8360	4400	A13
356	RW-200/150	D73	497-12	SU2-400	D56, D57	663DC	OF614	D4	8361	4401	A13
360	RW-250/50	D73	497-2	SE2-75	D56	663RT	OF7614-W	D2	8364	4433	A13
361	RW-250/75	D73	497-3	SE2-100	D56	664	OF7615	D2	8365, 8365N	4402	A13
362	RW-250/100	D73	497-4	SE2-125	D56	664 RTSC NK	664RNK	B2	8368	4413	A13
363	RW-250/125	D73	497-5	SE2-150	D56	664DC	OF615	D4	8371, 8371N	4422	A13
364	RW-250/150	D73	497-6	SE2-200	D56	664RT	OF7615-W	D2	8373, 8373N	4424	A13
365	RW-250/200	D73	497-9	SU2-250	D56, D57	664SCNK	664NK	B1	8374	4414	A13
366	RW-300/100	D73	4B	PH-150B	D55	665	OF7616	D2	8375, 8375N	4412	A13
367	RW-300/125	D73	40D-1/2	4RDB-MKO	A4	665DC	OF616	D4	846-100, 8466A	41100	A12
368	RW-300/150	D73	40VB-1/2	4RB-50-FB	A3	665RT	OF7616-W	D2	8466	41125	A12
369	RW-300/200	D73	4Q-975T, 4QS-975T	MLT190-75	D21	666	OF7617	D2	8468A	41050	A12
370FG	GICG7-100	D47	4S-1/2	4SB-50	A7	666 RTSC NK	666RNK	B2	8468B	41025	A12
370G	SCG7-100	D46	4SD-SPL	4SDB-50/75	A9	666DC	OF617	D4	8468C	41058	A12
370S	RW-300/250	D73	4SE-1/2	4SB-50-EXT	A7	666RT	OF7617-W	D2	8468F	41000	A12
371	RW-350/150	D73	4SJD1	5SDB-100	A17	666SCNK	666NK	B1	8469A	42100	A12
372	RW-350/200	D73	4SJD-1-VB	5SDB-100-FB	A17	667	OF7618	D2	8469B	42125	A12
373	RW-350/250	D73	4SJD-3/4-1	5SDB-75/100	A17	667DC	OF618	D4	8470B	42025	A12
374	RW-350/300	D73	4SSLX-1/2PL	HDB-1-MKO-AB	A32	667RT	OF7618-W	D2	8470F	42000	A12
375	RW-400/200	D73	5050	OF781	D62	668	OF7619	D2	847-200	42200	A12
376	RW-400/250	D73	50D	CN-50	D62	668DC	OF619	D4	8484	5504	A20
377	RW-400/300	D73	510	SRM1-50	D54, D57	668RT	OF7619-W	D2	8484A	5514	A20
378	RW-400/350	D73	511	SRM1-75	D54, D57	669	OF7620	D2	8484B, 8484BN	5524	A20
380F	GICG8-100	D50	512	SRM1-100	D54, D57	669DC	OF620	D4	8485	51075	A19
380G	SCG8-100	D50	513	SRM1-125	D54, D57	669RT	OF7620-W	D2	8485B	51025	A19
38MCQ	DSC-38	D13, P27	514	SRM1-150	D54, D57	670FG	GICG7-200	D47	8485D	51100	A19

COOPER-CH®

COOPER-CH	ORBIT	PAGE	COOPER-CH	ORBIT	PAGE	COOPER-CH	ORBIT	PAGE	COOPER-CH	ORBIT	PAGE
8485E	51125	A19	BB7-16	MBBH-16	P9	CG50 650	SCG-50-560/650	D15	FEA100	FB-100	A37, D7
8486	52075	A19	BB7-24	MBBH-24	P9	CG75 250	SCG-75-125/250	D15	FEA50	FB-50	A37, D7
8486B	52025	A19	BB8-16	FMB-16	P9	CG75 350	SCG-75-250/350	D15	FEA75	FB-75	A37, D7
8486D	52100	A19	BB8-24	FMB-24	P9	CG75 450	SCG-75-350/450	D15	FECC50DC	OF1611	D5, D9, D26
8486E	52125	A19	BBF-18	KB-18	P7	CG75 560	SCG-75-450/560	D15	FECC7100DC	OF1613	D5, D9, D26
8486F	52000	A19	BM1	PUSG	D70	CG75 650	SCG-75-560/650	D15	FECC75DC	OF1612	D5, D9, D26
8487RD	FA-5BC	A24	BPC-12	ST-75	D55	CG75 750	SCG-75-650/750	D15	FECS38DC	OF530	D10, D26
8488A	53050	A18	BPC-16	ST-100	D55	CG75 850	SCG-75-750/850	D15	FECS50DC	OF531	D10, D26
8488B	53058	A18	BPC-20	ST-125	D55	CHB1	WH-50	D60	FECS75DC	OF532	D10, D26
8488C	53075	A18	BPC-24	ST-150	D55	CHB10	WH-400	D60	FSCM1	1MFSC-50	C12, D51
8488D	53100	A18	BPC-32	ST-200	D55	CHB2	WH-75	D60	FSCM2	1MFSC-75	C12, D51
8488E	53125	A18	BPC-40	ST-250	D55	CHB3	WH-100	D60	FSCM3	1MFSC-100	C12, D51
8492,8492N	5522	A20	BPC-48	ST-300	D55	CHB4	WH-125	D60	FS-GKR-1N	FG-1	C12, D52
8493N	5512	A20	BPC-56	ST-350	D55	CHB5	WH-150	D60	FSK-1B	1SFC-B	C12, D52
8496	5505	A20	BPC-64	ST-400	D55	CHB6	WH-200	D60	FSK-1B-C	1MFC-B	C12, D52
8497	5506	A20	BPC-8	ST-50	D55	CHB7	WH-250	D60	FSK-1DR	1SFC-D	C12, D52
8498	5507	A20	BX38R	OF653	D12	CHB8	WH-300	D60	FSK-1DR-C	1MFC-D	C12, D52
8499	5508	A20	BX-50	S1-38	D56	CHB9	WH-350	D60	FSK-1TS	1SFC-TS	C12, D52
850	AC-250/300	D43	C100M	MC-100	D40	CHG1	WHG-50	D60	FSK-1TSG-C	1MFC-TS	C12, D52
850EB DC	SSPEB-G50	D32	C105	C-400	D37	CHG10	WHG-400	D60	FSM1	1MFS-50	C12, D51
850EE DC	SSPE-G50	D32	C105 CGN	C-400A	D34	CHG2	WHG-75	D60	FSM2	1MFS-75	C12, D51
850G	CG-250/300	D42	C125M	MC-125	D40	CHG3	WHG-100	D60	FSM3	1MFS-100	C12, D51
850RB DC	PEB-50	D32	C15	C-50	D37	CHG4	WHG-125	D60	GBL-100	GBLL-50	D27, D69
850RR DC	PE-50	D32	C15 CGN	C-50A	D34	CHG5	WHG-150	D60	GBL-1000	GBLL-400	D27, D69
856-150	51150	A19	C15 MT	SSC-50	D42	CHG6	WHG-200	D60	GBL-200	GBLL-75	D27, D69
856-200	51200	A19	C150M	MC-150	D40	CHG7	WHG-250	D60	GBL-300	GBLL-100	D27, D69
857-150	52150	A19	C17	C7-50	D45	CHG8	WHG-300	D60	GBL-400	GBLL-125	D27, D69
857-200	52200	A19	C18	C8-50	D49	CHG9	WHG-350	D60	GBL-500	GBLL-150	D27, D69
870G	SCG7-250/300	D46	C200M	MC-200	D40	CPL-50	ECS-50	D5	GBL-600	GBLL-200	D27, D69
875EB DC	SSPEB-G75	D32	C25	C-75	D37	CPL-75	ECS-75	D5	GBL-700	GBLL-250	D27, D69
875EE DC	SSPE-G75	D32	C25 CGN	C-75A	D34	CPR1	MRT-50	D23	GBL-800	GBLL-300	D27, D69
875RB DC	PEB-75	D32	C25 MT	SSC-75	D42	CPR10	MRT-400	D23	GBL-900	GBLL-350	D27, D69
875RR DC	PE-75	D32	C250M	MC-250	D40	CPR2	MRT-75	D23	GC-2	GCB-125/200	D29
880F	GICG8-250/300	D50	C27	C7-75	D45	CPR21	RTC-50	D23	GC-4	GCB-250/400	D29
884 RTSC NK	884RNK	B2	C28	C8-75	D49	CPR22	RTC-75	D23	GC-6	GCB-450/600	D29
884SCNK	884NK	B1	C300M	MC-300	D40	CPR23	RTC-100	D23	GCAB13	GCA-50/100	D30
886 RTSC NK	886RNK	B2	C35	C-100	D37	CPR24	RTC-125	D23	GCAS13	GCA-50/100	D29
886SCNK	886NK	B1	C35 CGN	C-100A	D34	CPR25	RTC-150	D23	GCB13	GCB-50/100	D30
8B	PH-350B	D55	C35 MT	SSC-100	D42	CPR26	RTC-200	D23	GCRC13	GCH-50/100-100	D30
931	PB-50	D67	C350M	MC-350	D40	CPR27	MRTC-250	D23	GCRC13	AGS-100	D31
932	PB-75	D67	C37	C7-100	D45	CPR28	MRTC-300	D23	GK100N	G-100	D43
933	PB-100	D67	C38	C8-100	D49	CPR3	MRT-100	D23	GK125N	G-125/150	D43
934	PB-125	D67	C400M	MC-400	D40	CPR4	MRT-125	D23	GK200N	G-200	D43
935	PB-150	D67	C448	C8-125	D49	CPR5	MRT-150	D23	GK250N	G-250/300	D43
936	PB-200	D67	C45	C-125	D37	CPR6	MRT-200	D23	GK350N	G-350/400	D43
937	PB-250	D67	C45 CGN	C-125A	D34	CPR7	MRT-250	D23	GK50N	G-50	D43
938	PB-300	D67	C45 MT	SSC-125	D42	CPR8	MRT-300	D23	GK75N	G-75	D43
939	PB-350	D67	C47	C7-125	D45	CPR9	MRT-350	D23	GL11	GL-50	D28, D72
940	PB-400	D67	C50M	MC-50	D40	EF-75	MCSI-75	D25, D79	GL12	GL-75	D28, D72
941	PB-500	D67	C55	C-150	D37	EFC-100	OF522	D10, D26	GL13	GL-100	D28, D72
942	PB-600	D67	C55 CGN	C-150A	D34	EFC-75	OF521	D10, D26	GL14	GL-125	D28, D72
950	AC-350/400	D43	C55 MT	SSC-150	D42	EFL-75	MCSI90-75	D25, D79	GL15	GL-150	D28, D72
950G	CG-350/400	D42	C57	C7-150	D45	EH1	EC-50	D59	GL16	GL-200	D28, D72
970G	SCG7-350/400	D46	C58	C8-150	D49	EH10	EC-400	D59	GL17	GL-250	D28, D72
980F	GICG8-350/400	D50	C65	C-200	D37	EH2	EC-75	D59	GL18	GL-300	D28, D72
9B	PH-400B	D55	C65 CGN	C-200A	D34	EH3	EC-100	D59	GL19	GL-350	D28, D72
ACB38DC	OF6231	D12	C65 MT	SSC-200	D42	EH4	EC-125	D59	GL20	GL-400	D28, D72
ACMF	OF6620	D12	C67	C7-200	D45	EH5	EC-150	D59	GLL 1	MGBLL-50	D27, D69
AMR0	4ARR-34	A15, P18	C68	C8-200	D49	EH6	EC-200	D59	GLL 10	MGBLL-400	D27, D69
AMR1	4AR1G-34	A15, P18	C75	C-250	D37	EH7	EC-250	D59	GLL 2	MGBLL-75	D27, D69
AMR158	4AR1G-58	A15, P18	C75 CGN	C-250A	D34	EH8	EC-300	D59	GLL 3	MGBLL-100	D27, D69
ASB0	ASB-516	D14, P28	C75M	MC-75	D40	EH9	EC-350	D59	GLL 4	MGBLL-125	D27, D69
ASB1	ASB-38	D14, P28	C77	C7-250	D45	EL10045	EEL45-100	D65	GLL 5	MGBLL-150	D27, D69
ASB2	ASB-716	D14, P28	C78	C8-250	D49	EL10090	EEL90-100	D65	GLL 6	MGBLL-200	D27, D69
ASB3	ASB-50	D14, P28	C85	C-300	D37	EL12545	EEL45-125	D65	GLL 7	MGBLL-250	D27, D69
ASB4	ASB-75	D14, P28	C85 CGN	C-300A	D34	EL12590	EEL90-125	D65	GLL 8	MGBLL-300	D27, D69
AW100	AMH-100	D61	C87	C7-300	D45	EL15045	EEL45-150	D65	GLL 9	MGBLL-350	D27, D69
AW125	AMH-125	D61	C88	C8-300	D49	EL15090	EEL90-150	D65	GRC1	GRC-50	D31
AW150	AMH-150	D61	CB1	CBS-50	D54	EL20045	EEL45-200	D65	GRC2	GRC-75	D31
AW200	AMH-200	D61	CB10	CBS-400	D54	EL20090	EEL90-200	D65	GRC58	GRC-58	D31
AW250	AMH-250	D61	CB2	CBS-75	D54	EL25045	EEL45-250	D65	H1031DC	CBI-50	D68
B1506S	STS-50	D55	CB3	CBS-100	D54	EL25090	EEL90-250	D65	H1032DC	CBI-75	D68
B2AJ	4AR2G-58	A15, P18	CB4	CBS-125	D54	EL30045	EEL45-300	D65	H1033DC	CBI-100	D68
B501-1	SUB-100	D54	CB5	CBS-150	D54	EL30090	EEL90-300	D65	IBC-200	MCBI-200	D68
B501-1/2	SUB-50	D54	CB6	CBS-200	D54	EL35045	EEL45-350	D65	IBC-75	MCBI-75	D68
B501-1-1/2	SUB-150	D54	CB7	CBS-250	D54	EL35090	EEL90-350	D65	K100S	SC-100	D43
B501-1-1/4	SUB-125	D54	CB8	CBS-300	D54	EL40045	EEL45-400	D65	K125S	SC-125/150	D43
B501-2	SUB-200	D54	CB9	CBS-350	D54	EL40090	EEL90-400	D65	K200S	SC-200	D43
B501-2-1/2	SUB-250	D54	CG100 1050	SCG-100-950/1050	D15	EL5045	EEL45-50	D65	K250S	SC-250/300	D43
B501-3	SUB-300	D54	CG100 560	SCG-100-450/560	D15	EL5090	EEL90-50	D65	K350S	SC-350/400	D43
B501-3/4	SUB-75	D54	CG100 650	SCG-100-560/650	D15	EL7545	EEL45-75	D65	K50S	SC-50	D43
B501-3-1/2	SUB-350	D54	CG100 750	SCG-100-650/750	D15	EL7590	EEL90-75	D65	K75S	SC-75	D43
B501-4	SUB-400	D54	CG100 850	SCG-100-750/850	D15	FDCM1	1MFDC-50	C12, D51	LB100M	MLB-100	D38
BA40	BH-3	A39, D74, P15	CG100 950	SCG-100-850/950	D15	FDCM2	1MFDC-75	C12, D51	LB105	LB-400	D36
BB10L	LVWP1	A39	CG50 250	SCG-50-125/250	D15	FDCM3	1MFDC-100	C12, D51	LB105 CGN	LB-400A	D33
BB15	LVSB1	A39, P1, P5	CG50 350	SCG-50-250/350	D15	FDM1	1MFD-50	C12, D51	LB105 MT	SSLB-400	D41
BB20L	LVWP2	A39	CG50 450	SCG-50-350/450	D15	FDM2	1MFD-75	C12, D51	LB107	LB7-400	D44
BB4-23	BMA-23	P10	CG50 560	SCG-50-450/560	D15	FDM3	1MFD-100	C12, D51	LB108	LB8-400	D47

COOPER-CH®

COOPER-CH	ORBIT	PAGE	COOPER-CH	ORBIT	PAGE	COOPER-CH	ORBIT	PAGE	COOPER-CH	ORBIT	PAGE
LB125M	MLB-125	D38	LL45 CGN	LL-125A	D33	LT125NM	NMLT-125	D17	LTB250	MLTI-250	D18
LB15	LB-50	D36	LL45 MT	SSLL-125	D41	LT150	MLT-150	D18	LTB25045	MLTI45-250	D19
LB15 CGN	LB-50A	D33	LL47	LL7-125	D45	LT15045	MLT45-150	D19	LTB25045G	MLTI45LL-250	D20
LB15 MT	SSLB-50	D41	LL50M	MLL-50	D39	LT15090	MLT90-150	D21	LTB25090	MLTI90-250	D21
LB150M	MLB-150	D38	LL55	LL-150	D36	LT15090DC	LT90-150	D20	LTB25090DC	LT90-250	D20
LB17	LB7-50	D44	LL55 CGN	LL-150A	D33	LT15090NM	NMLT90-150	D17	LTB25090G	MLTI90LL-250	D21
LB18	LB8-50	D47	LL55 MT	SSLL-150	D41	LT150DC	LT-150	D18	LTB250DC	LT-250	D18
LB200M	MLB-200	D38	LL57	LL7-150	D45	LT150NM	NMLT-150	D17	LTB250G	MLTILL-250	D19
LB25	LB-75	D36	LL58	LL8-150	D48	LT200	MLT-200	D18	LTB300	MLTI-300	D18
LB25 CGN	LB-75A	D33	LL65	LL-200	D36	LT20045	MLT45-200	D19	LTB30045	MLTI45-300	D19
LB25 MT	SSLB-75	D41	LL65 CGN	LL-200A	D33	LT20090	MLT90-200	D21	LTB30045G	MLTI45LL-300	D20
LB250M	MLB-250	D38	LL65 MT	SSLL-200	D41	LT20090DC	LT90-200	D20	LTB30090	MLTI90-300	D21
LB27	LB7-75	D44	LL67	LL7-200	D45	LT20090NM	NMLT90-200	D17	LTB30090DC	LT90-300	D20
LB28	LB8-75	D47	LL68	LL8-200	D48	LT200DC	LT-200	D18	LTB30090G	MLTI90LL-300	D21
LB300M	MLB-300	D38	LL75	LL-250	D36	LT200NM	NMLT-200	D17	LTB300DC	LT-300	D18
LB35	LB-100	D36	LL75 CGN	LL-250A	D33	LT250	MLT-250	D18	LTB300G	MLTILL-300	D19
LB35 CGN	LB-100A	D33	LL75M	MLL-75	D39	LT25045	MLT45-250	D19	LTB350	MLTI-350	D18
LB35 MT	SSLB-100	D41	LL77	LL7-250	D45	LT25090	MLT90-250	D21	LTB35045	MLTI45-350	D19
LB350-M	MLB-350	D38	LL78	LL8-250	D48	LT25090DC	LT90-250	D20	LTB35045G	MLTI45LL-350	D20
LB37	LB7-100	D44	LL85	LL-300	D36	LT250DC	LT-250	D18	LTB35090	MLTI90-350	D21
LB38	LB8-100	D47	LL85 CGN	LL-300A	D33	LT300	MLT-300	D18	LTB35090DC	LT90-350	D20
LB400M	MLB-400	D38	LL87	LL7-300	D45	LT30045	MLT45-300	D19	LTB35090G	MLTI90LL-350	D21
LB448	LB8-125	D47	LL888	LL8-300	D48	LT30090	MLT90-300	D21	LTB350DC	LT-350	D18
LB45	LB-125	D36	LMF9050	MSE90-50	D25	LT30090DC	LT90-300	D20	LTB350G	MLTILL-350	D19
LB45 CGN	LB-125A	D33	LR100M	MLR-100	D39	LT300DC	LT-300	D18	LTB38	MLTI-38	D18
LB45 MT	SSLB-125	D41	LR105	LR-400	D37	LT350	MLT-350	D18	LTB3845	MLTI45-38	D19
LB47	LB7-125	D44	LR105 CGN	LR-400A	D34	LT35045	MLT45-350	D19	LTB3845G	MLTI45LL-38	D20
LB50M	MLB-50	D38	LR107	LR7-400	D44	LT35090	MLT90-350	D21	LTB3890	MLTI90-38	D21
LB55	LB-150	D36	LR125M	MLR-125	D39	LT35090DC	LT90-350	D20	LTB3890DC	LT90-38	D20
LB55 CGN	LB-150A	D33	LR15	LR-50	D37	LT350DC	LT-350	D18	LTB3890G	MLTI90LL-38	D21
LB55 MT	SSLB-150	D41	LR15 CGN	LR-50A	D34	LT38	MLT-38	D18	LTB38DC	LT-38	D18
LB57	LB7-150	D44	LR15 MT	SSLR-50	D41	LT3845	MLT45-38	D19	LTB38G	MLTILL-38	D19
LB58	LB8-150	D47	LR150M	MLR-150	D39	LT3890	MLT90-38	D21	LTB400	MLTI-400	D18
LB65	LB-200	D36	LR17	LR7-50	D44	LT3890DC	LT90-38	D20	LTB40045	MLTI45-400	D19
LB65 CGN	LB-200A	D33	LR18	LR8-50	D48	LT3890NM	NMLT90-38	D17	LTB40045G	MLTI45LL-400	D20
LB65 MT	SSLB-200	D41	LR200M	MLR-200	D39	LT38DC	LT-38	D18	LTB40090	MLTI90-400	D21
LB67	LB7-200	D44	LR25	LR-75	D37	LT38NM	NMLT-38	D17	LTB40090DC	LT90-400	D20
LB68	LB8-200	D47	LR25 CGN	LR-75A	D34	LT400	MLT-400	D18	LTB40090G	MLTI90LL-400	D21
LB75	LB-250	D36	LR25 MT	SSLR-75	D41	LT40045	MLT45-400	D19	LTB400DC	LT-400	D18
LB75 CGN	LB-250A	D33	LR250M	MLR-250	D39	LT40090	MLT90-400	D21	LTB400G	MLTILL-400	D19
LB75 MT	SSLB-250	D41	LR27	LR7-75	D44	LT40090DC	LT90-400	D20	LTB50	MLTI-50	D18
LB75M	MLB-75	D38	LR28	LR8-75	D48	LT400DC	LT-400	D18	LTB5045	MLTI45-50	D19
LB77	LB7-250	D44	LR300M	MLR-300	D39	LT50	MLT-50	D18	LTB5045G	MLTI45LL-50	D20
LB78	LB8-250	D47	LR35	LR-100	D37	LT5045	MLT45-50	D19	LTB5090DC	LT90-50	D20
LB85	LB-300	D36	LR35 CGN	LR-100A	D34	LT5090	MLT90-50	D21	LTB5090G	MLTI90LL-50	D21
LB85 CGN	LB-300A	D33	LR35 MT	SSLR-100	D41	LT5090DC	LT90-50	D20	LTB50DC	LT-50	D18
LB85 MT	SSLB-300	D41	LR350M	MLR-350	D39	LT5090NM	NMLT90-50	D17	LTB50G	MLTILL-50	D19
LB87	LB7-300	D44	LR37	LR7-100	D44	LT50DC	LT-50	D18	LTB75	MLTI-75	D18
LB888	LB8-300	D47	LR38	LR8-100	D48	LT50NM	NMLT-50	D17	LTB7545	MLTI45-75	D19
LB95	LB-350	D36	LR400M	MLR-400	D39	LT75	MLT-75	D18	LTB7545G	MLTI45LL-75	D20
LB95 CGN	LB-350A	D33	LR448	LR8-125	D48	LT7545	MLT45-75	D19	LTB7590	MLTI90-50	D21
LB95 MT	SSLB-350	D41	LR45	LR-125	D37	LT7590	MLT90-75	D21	LTB7590DC	LT90-75	D20
LB97	LB7-350	D44	LR45 CGN	LR-125A	D34	LT7590DC	LT90-75	D20	LTB7590G	MLTI90LL-75	D21
LB98	LB8-350	D47	LR45 MT	SSLR-125	D41	LT7590NM	NMLT90-75	D17	LTB75DC	LT-75	D18
LBNEC10	LBM-400	D35	LR47	LR7-125	D44	LT75DC	LT-75	D18	LTB75G	MLTILL-75	D19
LBNEC5	LBM-150	D35	LR50M	MLR-50	D39	LT75NM	NMLT-75	D17	N224	SNR-1420	D78
LBNEC6	LBM-200	D35	LR55	LR-150	D37	LTB100	MLTI-100	D18	N225	SNR-1213	D78
LBNEC7	LBM-250	D35	LR55 CGN	LR-150A	D34	LTB10045	MLTI45-100	D19	N228	SNR-3816	D78
LBNEC8	LBM-300	D35	LR55 MT	SSLR-150	D41	LTB10045G	MLTI45LL-100	D20	NC-1069	RJ-150	D77
LBNEC9	LBM-350	D35	LR57	LR7-150	D44	LTB10090	MLTI90-100	D21	NC-1070	RJ-200	D77
LL100M	MLL-100	D39	LR58	LR8-150	D48	LTB10090DC	LT90-100	D20	NCG100-100	NGC100-709/984	D16
LL105	LL-400	D36	LR65	LR-200	D37	LTB10090G	MLTI90LL-100	D21	NCG38-35	NGC-38-197/394	D16
LL105 CGN	LL-400A	D33	LR65 CGN	LR-200A	D34	LTB100DC	LT-100	D18	NCG50-50	NGC-50-384/551	D16
LL107	LL7-400	D45	LR65 MT	SSLR-200	D41	LTB100G	MLTILL-100	D19	NCG75-75	NGC-75-551/709	D16
LL125M	MLL-125	D39	LR67	LR7-200	D44	LTB125	MLTI-125	D18	NMC1	NM-50	D11, P28
LL15	LL-50	D36	LR68	LR8-200	D48	LTB12545	MLTI45-125	D19	NPL100CL	RN-100-C	D63
LL15 CGN	LL-50A	D33	LR75	LR-250	D37	LTB12545G	MLTI45LL-125	D20	NPL75CL	RN-75-C	D63
LL15 MT	SSLL-50	D41	LR75 CGN	LR-250A	D34	LTB12590	MLTI90-125	D21	NS 1	NS-50	A38, D58
LL150M	MLL-150	D39	LR75M	MLR-75	D39	LTB12590DC	LT90-125	D20	NS 2	NS-50/75	A38, D58
LL17	LL7-50	D45	LR777	LR7-250	D44	LTB12590G	MLTI90LL-125	D21	NS 3	NS-100	A38, D58
LL18	LL8-50	D48	LR78	LR8-250	D48	LTB125DC	LT-125	D18	NTC50	RT-50	D22
LL200M	MLL-200	D39	LR85	LR-300	D37	LTB125G	MLTILL-125	D19	NTC75	RT-75	D22
LL25	LL-75	D36	LR85 CGN	LR-300A	D34	LTB150	MLTI-150	D18	OEG-50	OCC-50	D5
LL25 CGN	LL-75A	D33	LR87	LR7-300	D44	LTB15045	MLTI45-150	D19	OEG-75	OCC-75	D5
LL25 MT	SSLL-75	D41	LR888	LR8-300	D48	LTB15045G	MLTI45LL-150	D20	PVC-100	ECP-50	D59
LL250M	MLL-250	D39	LT100	MLT-100	D18	LTB15090	MLTI90-150	D21	PVC-101	ECP-75	D59
LL27	LL7-75	D45	LT10045	MLT45-100	D19	LTB15090DC	LT90-150	D20	PVC-102	ECP-100	D59
LL28	LL8-75	D48	LT10090	MLT90-100	D21	LTB15090G	MLTI90LL-150	D21	PVC-103	ECP-125	D59
LL300M	MLL-300	D39	LT10090DC	LT90-100	D20	LTB150DC	LT-150	D18	PVC-104	ECP-150	D59
LL35	LL-100	D36	LT10090NM	NMLT90-100	D17	LTB150G	MLTILL-150	D19	PVC-105	ECP-200	D59
LL35 CGN	LL-100A	D33	LT100DC	LT-100	D18	LTB200	MLTI-200	D18	PVC-8642	ECCP-50	D59
LL35 MT	SSLL-100	D41	LT100NM	NMLT-100	D17	LTB20045	MLTI45-200	D19	QLK50D	FLD-50	D14, P27
LL350M	MLL-350	D39	LT125	MLT-125	D18	LTB20045G	MLTI45LL-200	D20	QLK50S	FLC-50	D14, P27
LL37	LL7-100	D45	LT12545	MLT45-125	D19	LTB20090	MLTI90-200	D21	QLK75	FLC-75L	D14, P27
LL38	LL8-100	D48	LT12590	MLT90-125	D21	LTB20090DC	LT90-200	D20	RAC100HD	MCCR-100	D53
LL400M	MLL-400	D39	LT12590DC	LT90-125	D20	LTB20090G	MLTI90LL-200	D21	RAC125HD	MCCR-125	D53
LL448	LL8-125	D48	LT12590NM	NMLT90-125	D17	LTB200DC	LT-200	D18	RAC150HD	MCCR-150	D53
LL45	LL-125	D36	LT125DC	LT-125	D18	LTB200G	MLTILL-200	D19	RAC200HD	MCCR-200	D53

COOPER-CH®

COOPER-CH	ORBIT	PAGE	COOPER-CH	ORBIT	PAGE	COOPER-CH	ORBIT	PAGE	COOPER-CH	ORBIT	PAGE
RAC250HD	MCCR-250	D53	T250M	MT-250	D40	TP280	4RB-50-LB	A3	TP511	4444C	A13
RAC300HD	MCCR-300	D53	T27	T7-75	D46	TP284	4RB-50-EXT	A3	TP513	4404	A13
RAC350HD	MCCR-350	D53	T28	T8-75	D49	TP286	4RB-MKO-EXT	A3	TP514	4403	A13
RAC400HD	MCCR-400	D53	T300M	MT-300	D40	TP292-RED	FA-4RDB-MKO	A24	TP515	4414C	A13
RAC50HD	MCCR-50	D53	T35	T-100	D38	TP302	4RB-NM-LB	A3	TP517	4424C	A13
RAC75HD	MCCR-75	D53	T35 CGN	T-100A	D35	TP304	4RB-NM-FB	A3	TP520	41050T	A12
RB250200	RB-250/200	D5	T35 MT	SST-100	D42	TP306	4RB-NM-E	A3	TP521	5SDB-50	A17
RB350250	RB-350/250	D67	T350M	MT-350	D40	TP310	4RB-MC	A4	TP521	5SDB-MKO	A17
RC100	RC-100	D24	T37	T7-100	D46	TP312	4RB-MC-LB	A4	TP521PF	5SDB-50/75-FB	A17
RC125	RC-125	D24	T38	T8-100	D49	TP314	4RB-MC-FB	A4	TP522	41075T	A12
RC150	RC-150	D24	T400M	MT-400	D40	TP315	FSB-NBH	A1	TP524	41100T	A12
RC200	RC-200	D24	T448	T8-125	D49	TP316	4RDB-NM	A4	TP526	41125T	A12
RC250	RC-250	D24	T45	T-125A	D38	TP317	4RDB-MC	A4	TP528	41150T	A12
RC300	RC-300	D24	T45 CGN	T-125A	D35	TP318	4RDB-NM-LB	A4	TP530	41200T	A12
RC350	RC-350	D24	T45 MT	SST-125	D42	TP320	4RDB-NM-FB	A4	TP532	42050T	A12
RC400	RC-400	D24	T47	T7-125	D46	TP322	4RBC	A5	TP534	42075T	A12
RC50	RC-50	D24	T50M	MT-50	D40	TP322RED	FA-4RBC	A24	TP536	42100T	A12
RC500	RC-500	D24	T55	T-150	D38	TP328	4RBC	A5	TP538	42125T	A12
RC600	RC-600	D24	T55 CGN	T-150A	D35	TP334	4RC-SR	A5	TP540	42150T	A12
RC75	RC-75	D24	T55 MT	SST-150	D42	TP335	4RC-TS	A5	TP542	42200T	A12
RE109	MRB-400/350	D67	T57	T7-150	D46	TP336	4RC-DR	A5	TP554	5SDB-75	A17
RE42	RB-125/75	D67	T58	T8-150	D49	TP338	4RDB-MC-FB	A4	TP556	D5SDB-50/75	A16
RE86	RB-300/200	D67	T65	T-200	D38	TP354	BHA-1	A40, D75	TP556RED	FA-5SDB-MKO	A24
RE87	RB-300/250	D67	T65 CGN	T-200A	D35	TP356	BHA-1C	A40, D75	TP557	D5SDB-50/75-FB	A16
RE98	MRB-350/300	D67	T65 MT	SST-200	D42	TP372	4RB-50-BHA	A3	TP562	5SDB-125	A17
REA12	SME-50/75	D67	T67	T7-200	D46	TP379	FSB-OBH	A1	TP563	D5SDB-CKO	A16
REA23	SME-75/100	D67	T68	T8-200	D49	TP401	4SDB-MKO-MS	A9	TP564	5SDB-50/75-EXT	A17
REA34	SME-100/125	D67	T75	T-250	D38	TP403	4SDB-MKO	A9	TP568	5BC	A18
RLB10045	REL45-100	D66	T75 CGN	T-250A	D35	TP403RED	FA-4SDB-MKO	A24	TP572	5BCK	A18
RLB10090	REL90-100	D66	T75M	MT-75	D40	TP404	4SB-MKO	A7	TP576	51050	A19
RLB12545	REL45-125	D66	T77	T7-250	D46	TP404MSB	4SB-MKO-MS	A7	TP578	51058	A19
RLB12590	REL90-125	D66	T78	T8-250	D49	TP404PF	4SB-MKO-PT	A7	TP584	52050	A19
RLB15045	REL45-150	D66	T85	T-300	D38	TP404RED	FA-4SB-MKO	A24	TP587	52058	A19
RLB15090	REL90-150	D66	T85 CGN	T-300A	D35	TP405	D4SB-CKO	A6	TP591	HSB-1-50-B	A31
RLB20045	REL45-200	D66	T87	T7-300	D46	TP406	D4SB-CKO-FB	A6	TP592	HSB-1-50-EXT	A31
RLB20090	REL90-200	D66	T88	T8-300	D49	TP408	D4SSB-50	A6	TP594	DHB-1-50	A31
RLB25045	REL45-250	D66	TCC10	MSRC-400	D24	TP410	D4SB-50	A6	TP596	DHB-1-75	A31
RLB25090	REL90-250	D66	TCC6	MSRC-200	D24	TP411	4SEDB-CKO-FB	A11	TP598	HB-1-50-FB	A31
RLB30045	REL45-300	D66	TCC7	MSRC-250	D24	TP412	D4SB-75	A6	TP600	HB-1-50-EXT	A31
RLB30090	REL90-300	D66	TCC9	MSRC-350	D24	TP414	D4SB-50/75	A6	TP604	HDB-1-50	A32
RLB35045	REL45-350	D66	TP100	GESB-1-NM	A33	TP418	4SB-MKO-B	A7	TP605	HDB-1-50-FB	A32
RLB35090	REL90-350	D66	TP106	GESB-1-MC	A33	TP420	4SDB-50-FB	A9	TP606	HDB-1-MKO	A32
RLB40045	REL45-400	D66	TP114	GESB-1	A33	TP422	4SB-MKO-EHB	A7	TP608	HBC-B	A32
RLB40090	REL90-400	D66	TP116	GSB-1-NM	A33	TP423	4SB-MKO-FB	A7	TP612	HBC-PO	A32
RLB5045	REL45-50	D66	TP120	GSB-1-MC	A33	TP425	4SB-MKO-WB	A7	TP613	HBC-SR	A32
RLB5090	REL90-50	D66	TP130	GSB-1	A33	TP427	4SB-50-FB	A7	TP616	HBC-GFI	A32
RLB7545	REL45-75	D66	TP131	GSB-1-OW	A33	TP428RED	FA-4SB-MKO-EXT	A24	TP614	HBC-BK	A32
RLB7590	REL90-75	D66	TP134	GBV-NE	A33	TP430	4SDB-50	A9	TP618	HBC-DR	A32
SG1	LTSR-50	D17, D72	TP137	GBV-OW	A33	TP431	4SDB-MC	A10, P19	TP618	HBC-TS	A32
SG3	LTSR-100	D17, D72	TP138	GBV	A33	TP431MSB	4SDB-MC-MS	A10	TP620	2CB	A30
SG4	LTSR-125	D17, D72	TP162	GB-1-NM	A34	TP431PF	4SDB-MC-PT	P19	TP622	25CB	A30
SG5	LTSR-150	D17, D72	TP163	GB-1-NM-OW	A34	TP432	4SDB-75	A9	TP628	3CB	A30
SL1	SSLN-50	D71	TP164	GB-1-NM-B	A34	TP433	4SB-MKO-EXT	A7	TP629	SB-2	A26
SL10	SSLN-400	D71	TP170	GB-1-NM-FB	A34	TP436	4SDB-100	A9	TP630	SB-3	A26
SL11	SSLN-500	D71	TP178	GB-1-MC	A34	TP437	4SDB-MKO-WB	A9	TP631	SB-4	A26
SL12	SSLN-600	D71	TP179	GB-1-MC-OW	A34	TP438	D4SDB-CKO	A6	TP632	MSB-3-FB	A28
SL2	SSLN-75	D71	TP180	GB-1-MC-B	A34	TP440	4SDB-MC-FB	A10	TP633	MSB-4-FB	A28
SL3	SSLN-100	D71	TP184	GB-1-MC-FB	A34	TP444	4SB-NM	A8	TP634	3CB-75/100	A30
SL4	SSLN-125	D71	TP210	GMB-NM-NO	A36	TP444MSB	4SB-NM-MS	A8	TP636	35CB	A30
SL5	SSLN-150	D71	TP213	GMB-MC-NO	A36	TP445	4SB-NM-WB	A8	TP639	35CB-75/100	A30
SL6	SSLN-200	D71	TP214	GB-1-NE	A34	TP446	4SB-NM-B	A8	TP640	SB-5	A26
SL7	SSLN-250	D71	TP217	TG-1	A34	TP449	4SB-NM-FB	A8	TP641	SB-6	A26
SL8	SSLN-300	D71	TP218	GB-1	A34	TP450	4SDB-NM	A10	TP642	4CB-75/100	A30
SL9	SSLN-350	D71	TP220	GB-1-B	A34	TP451	4SDB-MKO-FB	A9	TP643	4CB-F	A30
SLB1	SLB-50	D35	TP222	GB-1-FB	A34	TP451RED	FA-4SDB-MKO-FB	A24	TP644	4CB	A30
SLB2	SLB-75	D35	TP224	GB-1-OW	A34	TP452	4SDB-NM-FB	A10	TP647	DHSSB-1-50	A31
SLB3	SLB-100	D35	TP239	GDB-1-NM	A36	TP454	4SB-MC	A8	TP648	CB-BK	A30
SLB4	SLB-125	D35	TP240	GDB-1-NM-B	A36	TP454MSB	4SB-MC-MS	A8	TP649	CB-B	A30
SLB5	SLB-150	D35	TP243	GDB-1-NM-FB	A36	TP454PF	4SB-MC-PT	A8, P20	TP650	CB-BK-STUD	A30
SLB6	SLB-200	D35	TP246	GDB-1-MC-FB	A36	TP456	4SB-MC-B	A8, P20	TP651	OWG	A37, D75, P25
SLLA414T	LLTDB-14/4	D28	TP248	GDB-1-NE	A36	TP459	4SB-MC-FB	A8	TP653	SR-3	A27
SX115-551L	4RB-MC-BHA	A4	TP249	GDB-1-MC	A36	TP461	4SB-MC-WB	A8, P20	TP655	SR-4	A27
SX115-561L	4RB-NM-BHA	A3	TP252	GDB-1	A36	TP467	4SB-75	A7	TP657	SR-2	A27
T100M	MT-100	D40	TP256	3RB-50	A2	TP469	4SB-75-FB	A7	TP659	SP-1	A38, D76
T105	T-400	D38	TP258	3RB-50-EXT	A2	TP472	4BC	A12	TP661	SR-5	A27
T105 CGN	T-400A	D35	TP259	3RB-NM-FB	0	TP472RED	FA-4BC	A24	TP662	GMB-1-NM	A35
T107	T7-400	D46	TP260	3RB-NM	A2	TP474	43000	A12	TP664	GMB-1-NM-FB	A35
T125M	MT-125	D40	TP261	FS4PB	A1	TP475	43075	A12	TP667	SR-6	A27
T15	T-50	D38	TP264	3RB-NM-E	A2	TP476	43050	A12	TP668	GMB-1-MC	A35
T15 CGN	T-50A	D35	TP266	3PB-NM	A2	TP478	4BCK	A12	TP670	GMB-1-MC-FB	A35
T15 MT	SST-50	D42	TP267	4PB-NM	A2	TP479	43100	A12	TP671	MSBG-1	A28
T150M	MT-150	D40	TP269	4PB	A2	TP483	43125	A12	TP672	GMB-1-NE	A35
T17	T7-50	D46	TP270	3RBC	A2	TP485	4SDB-75-FB	A9	TP675	MBG-1	A29
T18	T8-50	D49	TP272	3RBC	A2	TP486	41075	A12	TP676	GMB-1	A35
T200M	MT-200	D40	TP274	D4RB-50	A3	TP498	42050	A12	TP680	GMB-1-FB	A35
T25	T-75	D38	TP275	FSB	A1	TP499	42058	A12	TP682	MSB-1	A28
T25 CGN	T-75A	D35	TP276	D4RB-75	A3	TP500	42075	A12	TP683	MSB-2	A28
T25 MT	SST-75	D42	TP278	D4RB-50/75	A3	TP508	4411	A13	TP684	MSB-3	A28

COOPER-CH®

COOPER-CH ORBIT	PAGE
TP685	MSB-4 A28
TP686	MSB-5 A28
TP687	MSB-6 A28
TP690	MB-1 A29
TP690	MTB-550 A29
TP691	MB-2 A29
TP692	MB-3 A29
TP693	MB-4 A29
TP694	MB-5 A29
TP695	MB-6 A29
TP701	PTST-8 A37
TP7034	1B75-4 C7
TP704	GS-1032 A37
TP706	GC A37
TP708	SBS A37, D76, P25
TP709	SB-EXT A37
TP711	GS-1032-PT A37
TP7137	2B50-7X C8
TP7138	2B75-7X C8
TP7143	3DB75-7 C9
TP7152	EXR50-4 C11
TP7173	EXB50-6 C10
TP7174	EXB75-4 C10
TP7176	WG-38 C15
TP720	5501 A20
TP7202	1C-SV C4
TP7210	1C-SH C4
TP7214	1C-PO30 C4
TP722	5502 A20
TP7220	2C-2S C6
TP7224	2C-SD C6
TP724	5503 A20
TP726	5511 A20
TP7292	1-BC C4
TP7292	1-BC-G C4
TP7308	RC-3 C11
TP7920	PC-1P C16, E36
TP7940	PL-50 C15
TP7944	PL-75 C15
TP7948	PL-100 C15
TP802	4M2-B A27
TP803	4M3-B A27
TP804	4M4-B A27
TP805	4M5-B A27
TP806	4M6-B A27
TP820, TP821	MB-D A28
TP840	D4SDB-50/75 A6
TP860	4SP-100 A15
TP861	4SP-200 A15
TP862	4SDP-100 A15
TP863	4SDP-200 A15
TP870	SDBL-2 A26
TP871	SDBL-3 A26
TP872	SDBL-4 A26
TP873	SDBL-5 A26
TP874	SDBL-6 A26
TP876	SB-D A26
TP876	SDB-D A26
TPRFH12	SCR-75 A5, H14
TPSFH12	SCS-75 A5, H14
WCT1	1C-SW-NS C4
WCT115	1C-SW C4
WDK210	2DB100-7X C8
WDK275	2DB75-7X C8
WDP250	2DB50-5 C8
WDX110	1DB100-5X C7
WDX150	1DB50-5X C7
WDX175	1DB75-5X C7
WEFX75	EXF75-4 C10
WIUMH-1	WIUM-1DH C1
W	WIUM-1DV C1
WSM110	1B100-3 C7
WSM210	2B100-3 C8
WSR250	2B50-6X C8
WSR275	2B75-6X C8
WTC1004	WECC-100-4 D16
WTC1006	WECC-100-6 D16
WTC1008	WECC-100-8 D16
WTC1251	WECC-125-1 D16
WTC1252	WECC-125-2 D16
WTC1253	WECC-125-3 D16
WTC1501	WECC-150-10 D16
WTC1502	WECC-150-20 D16
WTC2001	WECC-200-10 D16
W	WECC-200-20 D16
WTC2003	WECC-200-30 D16
WTC2004	WECC-200-40 D16
WTC2004A	WECC-200-40N D16

COOPER-CH	ORBIT	PAGE
WVDL1	1CL-DV	C5
WVGL1	1CL-GV	C5
WVP141	1CL-SV	C5
WVP161	1C-PO20	C4
WVP21L2	2CL-PO60	C6

BRIDGEPORT®	ORBIT	PAGE
361	MCBI-50	D68
362	MCBI-75	D68
363	MCBI-100	D68
364	MCBI-125	D68
365	MCBI-150	D68
366	MCBI-200	D68
367	MCBI-250	D68
368	MCBI-300	D68
369	MCBI-350	D68
370	MCBI-400	D68
371	MCBI-500	D68
372	MCBI-600	D68
722	SBS	A37, D76, P25
961	MCCR-50	D53
962	MCCR-75	D53
963	MCCR-100	D53
964	MCCR-125	D53
965	MCCR-150	D53
966	MCCR-200	D53
967	MCCR-250	D53
968	MCCR-300	D53
969	MCCR-350	D53
970	MCCR-400	D53
971	MCCE-50	D53
972	MCCE-75	D53
973	MCCE-100	D53
974	MCCE-125	D53
975	MCCE-150	D53
976	MCCE-200	D53
977	MCCE-250	D53
978	MCCE-300	D53
W	MCCP-50	D53
982	MCCP-75	D53
983	MCCP-100	D53
984	MCCP-125	D53
985	MCCP-150	D53
986	MCCP-200	D53
987	MCCP-250	D53
988	MCCP-300	D53
989	MCCP-350	D53
990	MCCP-400	D53
1121	MR3C-50	D24
1122	MR3C-75	D24
1123	MR3C-100	D24
1124	MR3C-125	D24
1125	MR3C-150	D24
W	MR3C-200	D24
1127	MR3C-250	D24
1128	MR3C-300	D24
1129	MR3C-350	D24
1130	MR3C-400	D24
1131	MR3C-500	D24
1132	MR3C-600	D24
1176	RB-250/200	D67
1179	RB-300/250	D67
1182	MRB-350/300	D67
1185	MRB-400/350	D67
3000	MRT-50	D23
3001	MRT-75	D23
3002	MRT-100	D23
3003	MRT-125	D23
3004	MRT-150	D23
3005	MRT-200	D23
3006	MRT-250	D23
3007	MRT-300	D23
3008	MRT-350	D23
3009	MRT-400	D23
3100	MRTC-50	D23
3101	MRTC-75	D23
3102	MRTC-100	D23
3103	MRTC-125	D23
3104	MRTC-150	D23

BRIDGEPORT ORBIT	PAGE
3105	MRTC-200 D23
3106	MRTC-250 D23
3107	MRTC-300 D23
3108	MRTC-350 D23
3109	MRTC-400 D23
9882	PUSG D70
1000	ASB-516 D14, P28
1001	ASB-38 D14, P28
1002	ASB-716 D14, P28
1003	ASB-50 D14, P28
1004	ASB-75 D14, P28
101-DC	LN-50 D71
101-S	SLN-50 D71
1025	SLB-50 D35
1026	SLB-75 D35
1027	SLB-100 D35
1028	SLB-125 D35
1029	SLB-150 D35
W	LN-75 D71
102-S	SLN-75 D71
1030	SLB-200 D35
103-DC	LN-100 D71
103-S	SLN-100 D71
104-DC	LN-125 D71
104-S	SLN-125 D71
105-DC	LN-150 D71
105-S	SLN-150 D71
1061	RW-75/50 D73
1062	RW-100/50 D73
1063	RW-100/75 D73
1064	RW-125/50 D73
1065	RW-125/75 D73
1066	RW-125/100 D73
1067	RW-150/50 D73
1068	RW-150/75 D73
1069	RW-150/100 D73
106-DC	LN-200 D71
106-S	SLN-200 D71
1070	RW-150/125 D73
1071	RW-200/50 D73
1072	RW-200/75 D73
1073	RW-200/100 D73
1074	RW-200/125 D73
1075	RW-200/150 D73
1076	RW-250/50 D73
1077	RW-250/75 D73
1078	RW-250/100 D73
1079	RW-250/125 D73
107-DC	LN-250 D71
107-S	SLN-250 D71
1080	RW-250/150 D73
1081	RW-250/200 D73
1082	RW-300/50 D73
1083	RW-300/75 D73
1084	RW-300/100 D73
1085	RW-300/125 D73
1086	RW-300/150 D73
1087	RW-300/200 D73
1088	RW-300/250 D73
1089-1	RW-350/50 D73
1089-2	RW-350/75 D73
1089-3	RW-350/100 D73
1089-4	RW-350/125 D73
1089-5	RW-350/150 D73
1089-6	RW-350/200 D73
1089-7	RW-350/250 D73
1089-8	RW-350/300 D73
108-DC	LN-300 D71
108-S	SLN-300 D71
1090-1	RW-400/50 D73
1090-2	RW-400/75 D73
1090-3	RW-400/100 D73
1090-4	RW-400/125 D73
1090-5	RW-400/150 D73
1090-6	RW-400/200 D73
1090-7	RW-400/250 D73
1090-8	RW-400/300 D73
1090-9	RW-400/350 D73
109-DC	LN-350 D71
109-S	SLN-350 D71
1102-DC	CN-50 D62

BRIDGEPORT ORBIT	PAGE
1102-DCI	CNI-50 D62
1103-DC	CN-75 D62
1103-DCI	CNI-75 D62
1104-DC	CN-100 D62
1104-DCI	CNI-100 D62
1105-DC	CN-125 D62
1105-DCI	CNI-125 D62
1106-DC	CN-150 D62
1106-DCI	CNI-150 D62
1107-DC	CN-200 D62
1107-DCI	CNI-200 D62
1108-DCI	CNI-250 D62
1109-DCI	CNI-300 D62
110-DC	LN-400 D71
110-S	SLN-400 D71
1110-DCI	CNI-350 D62
1111-DCI	CNI-400 D62
111-S	SLN-500 D71
112-S	SLN-600 D71
1160	RB-50/38 D67
1161	RB-75/50 D67
1162	RB-100/50 D67
1163	RB-100/75 D67
1164	RB-125/50 D67
1165	RB-125/75 D67
1166	RB-125/100 D67
1167	RB-150/50 D67
1168	RB-150/75 D67
1169	RB-150/100 D67
1170	RB-150/125 D67
1171	RB-200/50 D67
1172	RB-200/75 D67
1173	RB-200/100 D67
1174	RB-200/125 D67
1175	RB-200/150 D67
1191-DC2	OF781 D62
121-S	GL-50 D28, D72
122-S	GL-75 D28, D72
1230-B	GCH-50/100-75 D30
123-S	GL-100 D28, D72
1240-PVC	ECCP-50 D59
1241-PVC	ECCP-100 D59
1242-PVC	ECCP-200 D59
124-S	GL-125 D28, D72
1251	EC-50 D59
1251-PVC	ECP-50 D59
1252	EC-75 D59
1252-PVC	ECP-75 D59
1253	EC-100 D59
1253-PVC	ECP-100 D59
1254	EC-125 D59
1254-PVC	ECP-125 D59
1255	EC-150 D59
1255-PVC	ECP-150 D59
1256	EC-200 D59
1256-PVC	ECP-200 D59
1257	EC-250 D59
1258	EC-300 D59
1259	EC-350 D59
125-S	GL-150 D28, D72
1260	EC-400 D59
126-S	GL-200 D28, D72
127-S	GL-250 D28, D72
128-S	GL-300 D28, D72
129-S	GL-350 D28, D72
1306-B	GCA-50/100 D29
1307-B	GCB-50/100 D29
1308-B	GCAH-50/100 D30
1309-DC	GCBZ-50/100 D29
130-S	GL-400 D28, D72
131-S	GL-500 D28, D72
132-S	GL-600 D28, D72
141	SSLN-50 D71
142	SSLN-75 D71
143	SSLN-100 D71
144	SSLN-125 D71
145	SSLN-150 D71
146	SSLN-200 D71
147	SSLN-250 D71
148	SSLN-300 D71
149	SSLN-350 D71
150	SSLN-400 D71
151-DC	WH-50 D60
1520-DC	ON-50 D62

BRIDGEPORT®

BRIDGEPORT	ORBIT	PAGE
1521-DC	ON-75	D62
1522-DC	ON-100	D62
1523-DC	ON-125	D62
1524-DC	ON-150	D62
1525-DC	ON-200	D62
152-DC	WH-75	D60
153-DC	WH-100	D60
154-DC	WH-125	D60
155-DC	WH-150	D60
156-DC	WH-200	D60
157-DC	WH-250	D60
158-DC	WH-300	D60
159-DC	WH-350	D60
160-DC	WH-400	D60
1620-DC2	OCS-50	D5
1621-DC2	OCS-75	D5
1691	KO-50	D61
1692	KO-75	D61
1693	KO-100	D61
1694	KO-125	D61
1695	KO-150	D61
1696	KO-200	D61
1701-DC	OF1701	D6
1702-DC	OF1702	D6
1791-DC	CN-50L	D62
1792-DC	CN-75L	D62
1793-DC	CN-100L	D62
1881-SE	SES2-50	D58
1882-SE	SES2-75	D58
1883-SE	SES2-100	D58
1884-SE	SES2-200	D58
1901	SR2-50	D57
1902	SR2-75	D57
1903	SR2-100	D57
1904	SR2-125	D57
1905	SR2-150	D57
1906	SR2-200	D57
1907	SU2-250	D56, D57
1908	SU2-300	D56, D57
1909	SU2-350	D56, D57
1910	SU2-400	D56, D57
1920	SE2-50	D56
1921	SE2-75	D56
1922	SE2-100	D56
1923	SE2-125	D56
1924	SE2-150	D56
1925	SE2-200	D56
2100	PH-50B	D55
2110	PH-75B	D55
2120	PH-100B	D55
2125	PH-125B	D55
2125-BN	PH-105B	D55
2140-BN	PH-150B	D55
2150	PH-200B	D55
2160	PH-250B	D55
2170	PH-300B	D55
2180	PH-350B	D55
2190	PH-400B	D55
230	OF7701	D1
230-DC2	OF701	D3
230-DCI2	OF701-S	D3
230-I	OF7701-S	D1
231	OF7702	D1
231-DC2	OF702	D3
231-DCI2	OF702-S	D3
231-I	OF7702-S	D1
232	OF7703	D1
232-DC2	OF703	D3
232-DCI2	OF703-S	D3
232-I	OF7703-S	D1
233	OF7704	D1
233-DC2	OF704	D3
233-DCI2	OF704-S	D3
233-I	OF7704-S	D1
234	OF7705	D1
234-DC2	OF705	D3
234-DCI2	OF705-S	D3
234-I	OF7705-S	D1
235	OF7706	D1
235-DC2	OF706	D3
235-DCI2	OF706-S	D3
235-I	OF7706-S	D1
236	OF7707	D1

BRIDGEPORT	ORBIT	PAGE
236-DC2	OF707	D3
236-DCI2	OF707-S	D3
236-I	OF7707-S	D1
237	OF7708	D1
237-DC2	OF708	D3
237-DCI2	OF708-S	D3
237-I	OF7708-S	D1
238	OF7709	D1
238-DC2	OF709	D3
238-DCI2	OF709-S	D3
238-I	OF7709-S	D1
239	OF7710	D1
239-DC2	OF710	D3
239-DCI2	OF710-S	D3
239-I	OF7710-S	D1
240	OF7711	D1
240-DC	OF711	D3
241	OF7712	D1
241-DC	OF712	D3
242	OF7713	D1
242-DC	OF713	D3
243	OF7714	D1
243-DC	OF714	D3
244	OF7715	D1
244-DC	OF715	D3
245	OF7716	D1
245-DC	OF716	D3
246	OF7717	D1
246-DC	OF717	D3
247	OF7718	D1
247-DC	OF718	D3
248	OF7719	D1
248-DC	OF719	D3
249	OF7720	D1
249-DC	OF720	D3
250	OF7601	D2
250-DC2	OF601	D4
250-DCI2	OF601-S	D4
250-I	OF7601-S	D2
250-RT2	OF601-W	D4
250-RTI2	OF601-SW	D4
250-SRT	OF7601-W	D2
250-SRTI	OF7601-SW	D2
251	OF7602	D2
251-DC2	OF602	D4
251-DCI2	OF602-S	D4
251-I	OF7602-S	D2
251-RT2	OF602-W	D4
251-RTI2	OF602-SW	D4
251-SRT	OF7602-W	D2
251-SRTI	OF7602-SW	D2
252	OF7603	D2
252-DC2	OF603	D4
252-DCI2	OF603-S	D4
252-I	OF7603-S	D2
252-RT2	OF603-W	D4
252-RTI2	OF603-SW	D4
252-SRT	OF7603-W	D2
252-SRTI	OF7603-SW	D2
253	OF7604	D2
253-DC2	OF604	D4
253-DCI2	OF604-S	D4
253-I	OF7604-S	D2
253-RT2	OF604-W	D4
253-RTI2	OF604-SW	D4
253-SRT	OF7604-W	D2
253-SRTI	OF7604-SW	D2
254	OF7605	D2
254-DC2	OF605	D4
254-DCI2	OF605-S	D4
254-I	OF7605-S	D2
254-RT2	OF605-W	D4
254-RTI2	OF605-SW	D4
254-SRT	OF7605-W	D2
254-SRTI	OF7605-SW	D2
255	OF7606	D2
255-DC2	OF606	D4
255-DCI2	OF606-S	D4
255-I	OF7606-S	D2
255-RT2	OF606-W	D4
255-RTI2	OF606-SW	D4

BRIDGEPORT	ORBIT	PAGE
255-SRT	OF7606-W	D2
255-SRTI	OF7606-SW	D2
256	OF7607	D2
256-DC2	OF607	D4
256-DCI2	OF607-S	D4
256-I	OF7607-S	D2
256-RT2	OF607-W	D4
256-RTI2	OF607-SW	D4
256-SRT	OF7607-W	D2
256-SRTI	OF7607-SW	D2
257	OF7608	D2
257-DC2	OF608	D4
257-DCI2	OF608-S	D4
257-I	OF7608-S	D2
257-RT2	OF608-W	D4
257-RTI2	OF608-SW	D4
257-SRT	OF7608-W	D2
257-SRTI	OF7608-SW	D2
258	OF7609	D2
258-DC2	OF609	D4
258-DCI2	OF609-S	D4
258-I	OF7609-S	D2
258-SRT	OF7609-W	D2
258-SRTI	OF7609-SW	D2
259	OF7610	D2
259-DC2	OF610	D4
259-DCI2	OF610-S	D4
259-I	OF7610-S	D2
259-SRT	OF7610-W	D2
259-SRTI	OF7610-SW	D2
260	OF7611	D2
260-DC	OF611	D4
260-RT	OF611-W	D4
260-SRT	OF7611-W	D2
261	OF7612	D2
261-DC	OF612	D4
261-RT	OF612-W	D4
261-SRT	OF7612-W	D2
262	OF7613	D2
262-DC	OF613	D4
262-RT	OF613-W	D4
262-SRT	OF7613-W	D2
263	OF7614	D2
263-DC	OF614	D4
263-RT	OF614-W	D4
263-SRT	OF7614-W	D2
264	OF7615	D2
264-DC	OF615	D4
264-RT	OF615-W	D4
264-SRT	OF7615-W	D2
265	OF7616	D2
265-DC	OF616	D4
265-RT	OF616-W	D4
265-SRT	OF7616-W	D2
266	OF7617	D2
266-DC	OF617	D4
266-RT	OF617-W	D4
266-SRT	OF7617-W	D2
267	OF7618	D2
267-DC	OF618	D4
267-RT	OF618-W	D4
267-SRT	OF7618-W	D2
268	OF7619	D2
268-DC	OF619	D4
268-SRT	OF7619-W	D2
269	OF7620	D2
269-DC	OF620	D4
269-RT	OF620-W	D4
269-SRT	OF7620-W	D2
270-DC2	CC90-50	D5
280-DC	OF520	D10, D26
281-DC	OF532	D10, D26
282-DC	OF533	D10, D26
283-DC	OF533	D10, D26
290-S	SRECS-50	D6, D22, D26
291-S	SRECS-75	D6, D22, D26
292-S	SRECS-100	D6, D22, D26
3000-US	RT-50	D22
3001-US	RT-75	D22
3002-US	RT-100	D22
3003-US	RT-125	D22

BRIDGEPORT	ORBIT	PAGE
3004-US	RT-150	D22
3005-US	RT-200	D22
3100-US	RTC-50	D23
3101-US	RTC-75	D23
3102-US	RTC-100	D23
3103-US	RTC-125	D23
3104-US	RTC-150	D23
3105-US	RTC-200	D23
321	PB-50	D67
322	PB-75	D67
323	PB-100	D67
324	PB-125	D67
325	PB-150	D67
326	PB-200	D67
327	PB-250	D67
328	PB-300	D67
329	PB-350	D67
330	PB-400	D67
331	PB-500	D67
332	PB-600	D67
3500-US	RS-50	D22
3501-US	RS-75	D22
3502-US	RS-100	D22
3503-US	RS-125	D22
3504-US	RS-150	D22
3505-US	RS-200	D22
3600-US	RSC-50	D22
3601-US	RSC-75	D22
3602-US	RSC-100	D22
3603-US	RSC-125	D22
3604-US	RSC-150	D22
3605-US	RSC-200	D22
361-DC	CBI-50	D68
362-DC	CBI-75	D68
363-DC	CBI-100	D68
364-DC	CBI-125	D68
365-DC	CBI-150	D68
366-DC	CBI-200	D68
367-DC	CBI-250	D68
368-DC	CBI-300	D68
369-DC	CBI-350	D68
370-DC	CBI-400	D68
381	MGBLL-50	D27, D69
381-DC	GBLL-50	D27, D69
382	MGBLL-75	D27, D69
382-DC	GBLL-75	D27, D69
383	MGBLL-100	D27, D69
383-DC	GBLL-100	D27, D69
384	MGBLL-125	D27, D69
384-DC	GBLL-125-10	D27, D69
384-DC14	GBLL-125	D27, D69
385	MGBLL-150-10	D27, D69
385-14	MGBLL-150	D27, D69
385-DC	GBLL-150-10	D27, D69
385-DC14	GBLL-150	D27, D69
386	MGBLL-200-10	D27, D69
386-14	MGBLL-200	D27, D69
386-DC	GBLL-200-10	D27, D69
386-DC14	GBLL-200	D27, D69
387	MGBLL-250-10	D27, D69
387-40	MGBLL-250	D27, D69
387-DC	GBLL-250-10	D27, D69
387-DC40	GBLL-250	D27, D69
388-40	MGBLL-300	D27, D69
388-DC	GBLL-300-10	D27, D69
388-DC40	GBLL-300	D27, D69
389	MGBLL-350-10	D27, D69
389-40	MGBLL-350	D27, D69
389-DC	GBLL-350-10	D27, D69
389-DC40	GBLL-350	D27, D69
38ACDS	DSC-38C	D13, P27
38ADS	DSC-38	D13, P27
390	MGBLL-400-10	D27, D69
390-40	MGBLL-400	D27, D69
390-DC	GBLL-400-10	D27, D69
390-DC40	GBLL-400	D27, D69
391	MGBLL-500	D27, D69
392	MGBLL-600	D27, D69
403-DC2	OF730	D8
407-DC2	OF731	D8

BRIDGEPORT®

BRIDGEPORT	ORBIT	PAGE	BRIDGEPORT	ORBIT	PAGE	BRIDGEPORT	ORBIT	PAGE	BRIDGEPORT	ORBIT	PAGE
407-DCI2	OF731-S	D8	458-SLT1	MLT145-350	D19	533-DC	OF679	D7	901-S	SR1-50	D57
408-DC2	OF732	D8	459-SLT	MLT45-400	D19	534-DC	OF685	D7	902	SRM1-75	D54, D57
408-DCI2	OF732-S	D8	459-SLT1	MLT145-400	D19	535-DC	OF686	D7	902-NS	NS-100	A38, D58
410-DC2	OF733	D8	469-LT2	LT90-38	D20	560-DCI2	OF6231	D12	902-S	SR1-75	D57
410-DCI2	OF733-S	D8	469-LTI2	LT190-38	D20	561-DCI2	OF6232	D12	903	SRM1-100	D54, D57
412-DC2	OF734	D8	469-NMLT	NMLT90-38	D17	565-DC2	OF623	D13	903-S	SR1-100	D57
412-DCI2	OF734-S	D8	469-SLT	MLT90-38	D21	565-DC2	OF6620	D12	904	SRM1-125	D54, D57
414-DC2	OF735	D8	469-SLTIG	MLT190LL-38	D21	566-DC2	RX-50	D11	904-S	SR1-125	D57
414-DCI2	OF735-S	D8	470-LT2	LT90-50	D20	581-DC	OF1611	D5, D9, D26	905	SRM1-150	D54, D57
416-DC2	OF736	D8	470-LTI2	LT190-50	D20	582-DC	OF1612	D5, D9, D26	905-S	SR1-150	D57
416-DCI2	OF736-S	D8	470-NMLT	NMLT90-50	D17	583-DC	OF1613	D5, D9, D26	906	SRM1-200	D54, D57
417-DC2	OF737	D8	470-SLT	MLT90-50	D21	601-DC2	MC-DX-50	D13	906-S	SR1-200	D57
418-DC2	OF738	D8	470-SLTIG	MLT190LL-50	D21	61-DC	SSPE-G50	D32	907	SRM1-250	D54, D57
419-DC2	OF739	D8	471-LT2	LT90-75	D20	620-NM	NM-50	D11, P28	907-S	SU1-250	D56, D57
420-DC2	OF740	D8	471-LTI2	LT190-75	D20	621-NM	NM-75	D11	908	SRM1-300	D54, D57
429-LT2	LT-38	D18	471-NMLT	NMLT90-75	D17	62-DC	SSPE-G75	D32	908-S	SU1-300	D56, D57
429-LTI2	LT1-38	D18	471-SLT	MLT90-75	D21	63-DC	SSPE-G100	D32	909	SRM1-350	D54, D57
429-NMLT	NMLT-38	D17	471-SLT1	MLT190-75	D21	64-DC	SSPE-G125	D32	909-S	SU1-350	D56, D57
429-SLTIG	MLT11-38	D19	471-SLTIG	MLT190LL-75	D21	653-DC2	OF657	D9	910	SRM1-400	D54, D57
430-LT2	LT-50	D18	472-LT2	LT90-100	D20	660-DC2	RX-75	D11	910-S	SU1-400	D56, D57
430-LTI2	LT1-50	D18	472-LTI2	LT190-100	D20	662-DC2	RX-100	D11	920-NS	NS-50	A38, D58
430-NMLT	NMLT-50	D17	472-NMLT	NMLT90-100	D17	664-DC2	RX-125	D11	920-S	SE1-50	D56
430-SLTIG	MLT11-50	D19	472-SLT	MLT90-100	D21	665-DC2	RX-150	D11	921-S	SE1-75	D56
431-LT2	LT-75	D18	472-SLT1	MLT190-100	D21	666-DC2	RX-200	D11	922-S	SE1-100	D56
431-LTI2	LT1-75	D18	472-SLTIG	MLT190LL-100	D21	683-DCI2	MC-CL-100	D12	923-S	SE1-125	D56
431-NMLT	NMLT-75	D17	473-LT2	LT90-125	D20	684-DCI2	MC-CL-125	D12	924-S	SE1-150	D56
431-SLTIG	MLT11-75	D19	473-LTI2	LT190-125	D20	685-DCI2	MC-CL-150	D12	925-S	SE1-200	D56
432-LT2	LT-100	D18	473-NMLT	NMLT90-125	D17	686-DCI2	MC-CL-200	D12	92-DC2	OF9673	D9
432-LTI2	LT1-100	D18	473-SLT	MLT90-125	D21	687-DCI2	MC-CL-250	D12	938-PVC	SPP	D59
432-NMLT	NMLT-100	D17	473-SLT1	MLT190-125	D21	688-DCI2	MC-CL-300	D12	93-DC2	OF9674	D9
432-SLTIG	MLT11-100	D19	473-SLTIG	MLT190LL-125	D21	689-DCI2	MC-CL-350	D12	941	CBS-50	D54
433-LT2	LT-125	D18	474-LT2	LT90-150	D20	701	JC-12	A41, D78	942	CBS-75	D54
433-LTI2	LT1-125	D18	474-LTI2	LT190-150	D20	705	SH-2	A41, D78	943	CBS-100	D54
433-NMLT	NMLT-125	D17	474-NMLT	NMLT90-150	D17	71-DC2	PEB-50	D32	944	CBS-125	D54
433-SLTIG	MLT11-125	D19	474-SLT	MLT90-150	D21	72-DC2	PEB-75	D32	945	CBS-150	D54
434-LT2	LT-150	D18	474-SLT1	MLT190-150	D21	732-SP	SP-1	A38, D76	946	CBS-200	D54
434-LTI2	LT1-150	D18	474-SLTIG	MLT190LL-150	D21	732-SP	SP-1-500	A38, D76	947	CBS-250	D54
434-NMLT	NMLT-150	D17	475-LT2	LT90-200	D20	763-4	WECC-100-4	D16	948	CBS-300	D54
434-SLTIG	MLT11-150	D19	475-LTI2	LT190-200	D20	763-6	WECC-100-6	D16	949	CBS-350	D54
435-LT2	LT-200	D18	475-NMLT	NMLT90-200	D17	763-8	WECC-100-8	D16	950	CBS-400	D54
435-LTI2	LT1-200	D18	475-SLT	MLT90-200	D21	764-2	WECC-125-2	D16	951	BCM-25	D54, D78
435-NMLT	NMLT-200	D17	475-SLT1	MLT190-200	D21	764-2N	WECC-125-1	D16	951-S	BC-25	D55, D78
435-SLTIG	MLT11-200	D19	475-SLTIG	MLT190LL-200	D21	764-3	WECC-125-3	D16	953	BCM-38	D54, D78
4360-DC	SELTC-50	D6, D17, D26	476-LT2	LT90-250	D20	765-2	WECC-150-20	D16	953-S	BC-38	D55, D78
4361-DC	SELTC-75	D6, D17, D26	476-LTI2	LT190-250	D20	765-3	WECC-150-30	D16	954	BCM-50	D54, D78
4362-DC	SELTC-100	D6, D17, D26	476-SLT	MLT90-250	D21	766-2	WECC-200-20	D16	AMC-50	FLC-50	D14, P27
436-LT2	LT-250	D18	476-SLT1	MLT190-250	D21	766-3	WECC-200-30	D16	AMC-5075	FLC-50L	D14, P27
436-LTI2	LT1-250	D18	477-LT2	LT90-300	D20	766-4	WECC-200-40	D16	AMC-52	FLD-50	D14, P27
436-SLT	MLT-250	D18	477-LTI2	LT190-300	D20	766-4N	WECC-200-40N	D16	AMC-75	FLC-75L	D14, P27
436-SLT1	MLT1-250	D18	477-SLT	MLT90-300	D21	770-32	CG-50-190/260	D15	BS-050	BH-50	C15
437-LT2	LT-300	D18	477-SLT1	MLT190-300	D21	770-42	CG-50-260/375	D15	C-31	SSC-50	D42
437-LTI2	LT1-300	D18	478-LT2	LT90-350	D20	770-52	CG-50-375/500	D15	C-32	SSC-75	D42
437-SLT	MLT-300	D18	478-LTI2	LT190-350	D20	771-42	CG-75-375/500	D15	C-33	SSC-100	D42
437-SLT1	MLT1-300	D18	478-SLT	MLT90-350	D21	771-52	CG-75-500/625	D15	C-34	SSC-125	D42
438-LT2	LT-350	D18	478-SLT1	MLT190-350	D21	771-62	CG-75-625/750	D15	C-35	SSC-150	D42
438-LTI2	LT1-350	D18	479-LT2	LT90-400	D20	772-32	CG-100-500/625	D15	C-36	SSC-200	D42
438-SLT	MLT-350	D18	479-LTI2	LT190-400	D20	772-42	CG-100-625/750	D15	C-37CG	C-250A	D34
438-SLT1	MLT1-350	D18	479-SLT	MLT90-400	D21	772-52	CG-100-750/880	D15	C-38CG	C-300A	D34
439-LT2	LT-400	D18	479-SLT1	MLT190-400	D21	772-62	CG-100-880/985	D15	C-40CG	C-400A	D34
439-LTI2	LT1-400	D18	501-DC2	OF653	D12	801-DC2	OF643	D9, D13	C-41	C-50	D37
439-SLT	MLT-400	D18	507-DC2	OF654	D8	804-DC2	OF644	D9, D13	C-41CG	C-50A	D34
439-SLT1	MLT1-400	D18	508-DC2	OF655	D8	806-DC2	OF645	D9, D13	C-42	C-75	D37
449-SLT	MLT45-38	D19	519-DC2	OF671	D7	807-DC2	OF6463	D9	C-42CG	C-75A	D34
449-SLT1	MLT145-38	D19	519-DCI2	OF671-S	D7	808-DC2	OF6464	D9	C-43	C-100	D37
450-SLT	MLT45-50	D19	51-DC2	SSPEB-G50	D32	809-DC2	OF6465	D9	C-43CG	C-100A	D34
450-SLT1	MLT145-50	D19	520-DC2	OF672	D7	810-DC2	OF6466	D9	C-44	C-125	D37
451-SLT	MLT45-75	D19	520-DCI2	OF672-S	D7	811-DC2	OF6467	D9	C-44CG	C-125A	D34
451-SLT1	MLT145-75	D19	521-DC2	OF673	D7	812-DC2	OF6468	D9	C-45	C-150	D37
452-SLT	MLT45-100	D19	521-DCI2	OF673-S	D7	813-DC2	OF6469	D9	C-45CG	C-150A	D34
452-SLT1	MLT145-100	D19	522-DC2	OF674	D7	814-DC2	OF6470	D9	C-46	C-200	D37
453-SLT	MLT45-125	D19	522-DCI2	OF674-S	D7	81-DC	PE-50	D32	C-46CG	C-200A	D34
453-SLT1	MLT145-125	D19	523-DC2	OF675	D7	82-DC	PE-75	D32	C-47	C-250	D37
454-SLT	MLT45-150	D19	523-DCI2	OF675-S	D7	83-DC	PE-100	D32	C-48	C-300	D37
454-SLT1	MLT145-150	D19	524-DC2	OF681	D7	84-DC	PE-125	D32	C-50	C-400	D37
455-SLT	MLT45-200	D19	524-DCI2	OF681-S	D7	881-SE	SES1-50	D58	C-61	MC-50	D40
455-SLT1	MLT145-200	D19	525-DC2	OF682	D7	882-SE	SES1-75	D58	C-62	MC-75	D40
456-SLT	MLT45-250	D19	525-DCI2	OF682-S	D7	883-SE	SES1-100	D58	C-63	MC-100	D40
456-SLT1	MLT145-250	D19	52-DC2	SSPEB-G75	D32	884-SE	SES1-200	D58	C-64	MC-125	D40
457-SLT	MLT45-300	D19	530-DC	OF676	D7	900F	S1-38	D56	C-65	MC-150	D40
457-SLT1	MLT145-300	D19	531-DC	OF677	D7	901	SRM1-50	D54, D57	C-66	MC-200	D40
458-SLT	MLT45-350	D19	532-DC	OF678	D7	901-NS	NS-50/75	A38, D58	C-67	MC-250	D40

BRIDGEPORT®

BRIDGEPORT	ORBIT	PAGE
C-68	MC-300	D40
C-69	MC-350	D40
C-70	MC-400	D40
CC-25	S1-25	D56
CE-50	ECS-50	D5
CE-75	ECS-75	D5
CG770-250	SCG-50-125/250	D15
CG770-350	SCG-50-250/350	D15
CG770-450	SCG-50-350/450	D15
CG770-560	SCG-50-450/560	D15
CG770-650	SCG-50-560/650	D15
CG771-250	SCG-75-125/250	D15
CG771-350	SCG-75-250/350	D15
CG771-450	SCG-75-350/450	D15
CG771-560	SCG-75-450/560	D15
CG771-650	SCG-75-560/650	D15
CG771-750	SCG-75-650/750	D15
CG771-850	SCG-75-750/850	D15
CG772-1050	SCG-100-950/1050	D15
CG772-560	SCG-100-450/560	D15
CG772-650	SCG-100-560/650	D15
CG772-750	SCG-100-650/750	D15
CG772-850	SCG-100-750/850	D15
CG772-950	SCG-100-850/950	D15
CLI-10	LLDB-14/4	D28
DB-1308	GCAB-50/100	D30
DB-1309	GCB-50/100	D30
GRC-50	GRC-50	D31
GRC-63	GRC-58	D31
GRC-75	GRC-75	D31
IGB-WM	IGBB-5	D29
LB-31	SSLB-50	D41
LB-32	SSLB-75	D41
LB-33	SSLB-100	D41
LB-34	SSLB-125	D41
LB-35	SSLB-150	D41
LB-36	SSLB-200	D41
LB-37	SSLB-250	D41
LB-38	SSLB-300	D41
LB-39	SSLB-350	D41
LB-40	SSLB-400	D41
LB-41	LB-50	D36
LB-41CG	LB-50A	D33
LB-42	LB-75	D36
LB-42CG	LB-75A	D33
LB-43	LB-100	D36
LB-43CG	LB-100A	D33
LB-44	LB-125	D36
LB-44CG	LB-125A	D33
LB-45	LB-150	D36
LB-45CG	LB-150A	D33
LB-46	LB-200	D36
LB-46CG	LB-200A	D33
LB-47	LB-250	D36
LB-47CG	LB-250A	D34
LB-48	LB-300	D36
LB-48CG	LB-300A	D33
LB-49	LB-350	D36
LB-49CG	LB-350A	D33
LB-50	LB-400	D36
LB-50CG	LB-400A	D33
LB-61	MLB-50	D38
LB-62	MLB-75	D38
LB-63	MLB-100	D38
LB-64	MLB-125	D38
LB-65	MLB-150	D38
LB-66	MLB-200	D38
LB-67	MLB-250	D38
LB-68	MLB-300	D38
LB-69	MLB-350	D38
LB-70	MLB-400	D38
LL-31	SSLL-50	D41
LL-32	SSLL-75	D41
LL-33	SSLL-100	D41
LL-34	SSLL-125	D41
LL-35	SSLL-150	D41
LL-36	SSLL-200	D41
LL-41	LL-50	D36
LL-41CG	LL-50A	D33
LL-42	LL-75	D36
LL-42CG	LL-75A	D33

BRIDGEPORT	ORBIT	PAGE
LL-43	LL-100	D36
LL-43CG	LL-100A	D33
LL-44	LL-125	D36
LL-44CG	LL-125A	D33
LL-45	LL-150	D36
LL-45CG	LL-150A	D33
LL-46	LL-200	D36
LL-46CG	LL-200A	D33
LL-47	LL-250	D36
LL-47CG	LL-250A	D33
LL-48	LL-300	D36
LL-48CG	LL-300A	D33
LL-50	LL-400	D36
LL-50CG	LL-400A	D33
LL-61	MLL-50	D39
LL-62	MLL-75	D39
LL-63	MLL-100	D39
LL-64	MLL-125	D39
LL-65	MLL-150	D39
LL-66	MLL-200	D39
LL-67	MLL-250	D39
LL-68	MLL-300	D39
LL-69	MLL-350	D39
LL-70	MLL-400	D39
LR-31	SSLR-50	D41
LR-32	SSLR-75	D41
LR-33	SSLR-100	D41
LR-34	SSLR-125	D41
LR-35	SSLR-150	D41
LR-36	SSLR-200	D41
LR-41	LR-50	D37
LR-41CG	LR-50A	D34
LR-42	LR-75	D37
LR-42CG	LR-75A	D34
LR-43	LR-100	D37
LR-43CG	LR-100A	D34
LR-44	LR-125	D37
LR-44CG	LR-125A	D34
LR-45	LR-150	D37
LR-45CG	LR-150A	D34
LR-46	LR-200	D37
LR-46CG	LR-200A	D34
LR-47	LR-250	D37
LR-47CG	LR-250A	D34
LR-48	LR-300	D37
LR-48CG	LR-300A	D34
LR-50	LR-400	D37
LR-50CG	LR-400A	D34
LR-61	MLR-50	D39
LR-62	MLR-75	D39
LR-63	MLR-100	D39
LR-64	MLR-125	D39
LR-65	MLR-150	D39
LR-66	MLR-200	D39
LR-67	MLR-250	D39
LR-68	MLR-300	D39
LR-69	MLR-350	D39
LR-70	MLR-400	D39
LVB-1	LVWP1	A39
MLB-45	LBM-150	D35
MLB-46	LBM-200	D35
MLB-47	LBM-250	D35
MLB-48	LBM-300	D35
MLB-49	LBM-350	D35
MLB-50	LBM-400	D35
MWH-1	PWH-M	A41, D79
RF-125	RJ-125	D77
RF-150	RJ-150	D77
RF-200	RJ-200	D77
RWH-1	PWH-L	A41, D79
SC-41	AC-50	D43
SC-42	AC-75	D43
SC-43	AC-100	D43
SC-44	AC-125/150	D43
SC-46	AC-200	D43
SC-47	AC-250/300	D43
SC-49	AC-350/400	D43
SC-61	SC-50	D43
SC-62	SC-75	D43
SC-63	SC-100	D43
SC-64	SC-125/150	D43

BRIDGEPORT	ORBIT	PAGE
SC-66	SC-200	D43
SC-67	SC-250/300	D43
SC-69	SC-350/400	D43
SFR-75	SCR-75	A5, H14
SFS-75	SCS-75	A5, H14
SGN-61	G-50	D43
SGN-62	G-75	D43
SGN-63	G-100	D43
SGN-64	G-125/150	D43
SGN-66	G-200	D43
SGN-67	G-250/300	D43
SGN-69	G-350/400	D43
SR-050	LTSR-50	D17, D72
SR-075	LTSR-75	D17, D72
SR-100	LTSR-100	D17, D72
SR-125	LTSR-125	D17, D72
SR-150	LTSR-150	D17, D72
SR-200	LTSR-200	D17, D72
SR-250	LTSR-250	D17, D72
SR-300	LTSR-300	D17, D72
SR-350	LTSR-350	D17, D72
SR-400	LTSR-400	D17, D72
SRC-200	MSRC-200	D24
SRC-250	MSRC-250	D24
SRC-350	MSRC-350	D24
SRC-400	MSRC-400	D24
T-31	SST-50	D42
T-32	SST-75	D42
T-33	SST-100	D42
T-34	SST-125	D42
T-35	SST-150	D42
T-36	SST-200	D42
T-41	T-50	D38
T-41CG	T-50A	D35
T-42	T-75	D38
T-42CG	T-75A	D35
T-43	T-100	D38
T-43CG	T-100A	D35
T-44	T-125	D38
T-44CG	T-125A	D35
T-45	T-150	D38
T-45CG	T-150A	D35
T-46	T-200	D38
T-46CG	T-200A	D35
T-47	T-250	D38
T-47CG	T-250A	D35
T-48	T-300	D38
T-48CG	T-300A	D35
T-50	T-400	D38
T-50CG	T-400A	D35
T-61	MT-50	D40
T-62	MT-75	D40
T-63	MT-100	D40
T-64	MT-125	D40
T-65	MT-150	D40
T-66	MT-200	D40
T-67	MT-250	D40
T-68	MT-300	D40
T-69	MT-350	D40
T-70	MT-400	D40
TWB-51	TPB-50	D70
TWB-52	TPB-75	D70
TWB-53	TPB-100	D70
TWB-54	TPB-125	D70
TWB-55	TPB-150	D70
TWB-56	TPB-200	D70
TWB-57	TPB-250	D70
TWB-58	TPB-300	D70
TWB-59	TPB-350	D70
TWB-60	TPB-400	D70
WGC-1	SEWG-1	D79
WGC-2	SEWG-2	D79
WGC-3	SEWG-3	D79

TOPAZ®

TOPAZ	ORBIT	PAGE
45	PUSG	D70
49	GS-1032-PT	A37
76	MSRC-200	D24
77	MSRC-250	D24
79	MSRC-350	D24
80	MSRC-400	D24
257	MRTC-250	D23
258	MRTC-300	D23
259	MRTC-350	D23
260	MRTC-400	D23
267	MRT-250	D23
268	MRT-300	D23
269	MRT-350	D23
270	MRT-400	D23
271	SELTC-50	D6, D17, D26
272	SELTC-75	D6, D17, D26
273	SELTC-100	D6, D17, D26
304	CB-125	D68
305	CB-150	D68
306	CB-200	D68
307	CB-250	D68
308	CB-300	D68
309	CB-350	D68
310	CB-400	D68
314	CBI-125	D68
315	CBI-150	D68
316	CBI-200	D68
317	CBI-250	D68
318	CBI-300	D68
319	CBI-350	D68
320	CBI-400	D68
337	GBLL-250-10	D27, D69
338	GBLL-300-10	D27, D69
339	GBLL-350-10	D27, D69
340	GBLL-400-10	D27, D69
431	CC90-50	D5
457	PQLC-38	D70
458	PQLC-75	D70
477	LT-250	D18
725	ECP-150	D59
726	ECP-200	D59
761	SUB-50	D54
762	SUB-75	D54
763	SUB-100	D54
764	SUB-125	D54
765	SUB-150	D54
766	SUB-200	D54
767	SUB-250	D54
768	SUB-300	D54
769	SUB-350	D54
770	SUB-400	D54
806	FTL-14/2	D28
807	FTL-14/100	D28
808	FTL-14/200	D28
813	IGBB-5	D29
817	FTL-6/350	D28
818	FTL-4/500	D28
851	MR3C-50	D24
852	MR3C-75	D24
853	MR3C-100	D24
854	MR3C-125	D24
855	MR3C-150	D24
856	MR3C-200	D24
857	MR3C-250	D24
858	MR3C-300	D24
859	MR3C-350	D24
860	MR3C-400	D24
873	WECC-100-8	D16
874	WECC-125-3	D16
875	WECC-150-10	D16
876	WECC-200-10	D16
881	CG-50-190/260	D15
882	CG-75-375/500	D15
883	CG-100-375/500	D15
984	RJ-125	D77
985	RJ-150	D77
986	RJ-200	D77
1005	SEWG-1	D79
1006	SEWG-2	D79
1007	SEWG-3	D79
1551	MCCR-50	D53

TOPAZ®

TOPAZ	ORBIT	PAGE	TOPAZ	ORBIT	PAGE	TOPAZ	ORBIT	PAGE	TOPAZ	ORBIT	PAGE
1552	✖	D53	132	OF1612	D5, D9, D26	205M	MWHG-150	D60	26	EEL45-200	D65
1553	MCCR-100	D53	1321	1CP-GV	C5	206	WH-200	D60	261	RT-50	D22
1554	MCCR-125	D53	1323	1CP-DV	C5	206B	WHG-200	D60	261M	MRT-50	D23
1555	MCCR-150	D53	133	✖	D5, D9, D26	206M	MWHG-200	D60	262	RT-75	D22
1556	MCCR-200	D53	14	REL45-125	D66	207	WH-250	D60	262M	MRT-75	D23
1557	MCCR-250	D53	140	OF6620	D12	207B	WHG-250	D60	263	RT-100	D22
1558	MCCR-300	D53	141	OF781	D62	207M	MWHG-250	D60	263M	MRT-100	D23
1559	MCCR-350	D53	143R	RX-100	D11	208	WH-300	D60	264	RT-125	D22
1561	MCCP-50	D53	144R	RX-125	D11	208B	WHG-300	D60	264M	MRT-125	D23
1562	MCCP-75	D53	146R	RX-200	D11	208M	MWHG-300	D60	265	RT-150	D22
1563	MCCP-100	D53	15	REL45-150	D66	209	WH-350	D60	265M	MRT-150	D23
1564	MCCP-125	D53	150	OF730	D8	209B	WHG-350	D60	266	RT-200	D22
1565	MCCP-150	D53	1501	NMLT-50	D17	209M	MWHG-350	D60	266M	MRT-200	D23
1566	MCCP-200	D53	1502	✖	D17	21	EEL45-50	D65	27	EEL45-250	D65
1567	MCCP-250	D53	150I	OF730-S	D8	210	WH-400	D60	28	EEL45-300	D65
1568	MCCP-300	D53	151	OF731	D8	2101CS	ST-50	D55	281	SLN-50	D71
1569	MCCP-350	D53	151I	OF731-S	D8	2102CS	ST-75	D55	282	SLN-75	D71
1570	MCCP-400	D53	152	OF732	D8	2103CS	ST-100	D55	283	SLN-100	D71
1571	MCCE-50	D53	1521	NMLT90-50	D17	2104CS	✖	D55	284	SLN-125	D71
1572	MCCE-75	D53	1522	NMLT90-75	D17	2105CS	ST-150	D55	285	SLN-150	D71
1573	MCCE-100	D53	152I	OF732-S	D8	2106CS	ST-200	D55	286	SLN-200	D71
1574	MCCE-125	D53	153	OF733	D8	2107	ST-250	D55	287	SLN-250	D71
1575	MCCE-150	D53	153I	OF733-S	D8	2108	ST-300	D55	288	SLN-300	D71
1576	MCCE-200	D53	154	OF734	D8	2109	ST-350	D55	289	SLN-350	D71
1577	MCCE-250	D53	154I	OF734-S	D8	210B	WHG-400	D60	29	EEL45-350	D65
1578	MCCE-300	D53	155	OF735	D8	✖	MWHG-400	D60	290	SLN-400	D71
1820	FTL-500/1000	D28	1559A	MCCR-400	D53	211	SLB-50	D35	290A	SLN-500	D71
2111	SNR-1420	D78	155I	OF735-S	D8	2110	ST-400	D55	290B	SLN-600	D71
2112	SNR-3816	D78	156	OF736	D8	212	SLB-75	D35	291	FR-50	D25, D79
2113	SNR-1213	D78	156I	OF736-S	D8	213	SLB-100	D35	292	FR-75	D25, D79
2807	FT2L-14/100	D29	157	OF737	D8	214	SLB-125	D35	293	FR-100	D25, D79
2808	FT2L-14/200	D29	158	OF738	D8	215	SLB-150	D35	294	FR-125	D25, D79
2809	FT2L-6/250	D29	159	OF739	D8	216	SLB-200	D35	295	FR-150	D25, D79
2817	FT2L-6/350	D29	16	REL45-200	D66	22	✖	D65	296	FR-200	D25, D79
2818	FT2L-2/600	D29	160	OF740	D8	✖	EEL45-100	D65	298S	JC-12	A41, D78
2820	FT2L-500/1000	D29	1661	TPB-50	D70	230S	MLT45-38	D19	3	ASB-50	D14, P28
9663	AMH-100	D61	1662	TPB-75	D70	230SGR	MLT45LL-38	D20	30	EEL45-400	D65
9674	AMH-125	D61	1663	TPB-100	D70	231S	MLT45-50	D19	300A	SH-2	A41, D78
9685	AMH-150	D61	1664	TPB-125	D70	231SGR	MLT45LL-50	D20	301	CB-50	D68
9696	AMH-200	D61	1665	TPB-150	D70	232S	MLT45-75	D19	302	CB-75	D68
9707	AMH-250	D61	1666	TPB-200	D70	232SGR	MLT45LL-75	D20	303	CB-100	D68
0	ASB-516	D14, P28	1667	TPB-250	D70	233S	MLT45-100	D19	311	CBI-50	D68
1	ASB-38	D14, P28	1668	TPB-300	D70	233SGR	MLT45LL-100	D20	311M	MCBI-50	D68
100	OF643	D9, D13	1669	TPB-350	D70	234S	MLT45-125	D19	312	CBI-75	D68
1002	PWHL	A41, D79	1670	TPB-400	D70	234SGR	MLT45LL-125	D20	312M	MCBI-75	D68
100B560	SCG-100-450/560	D15	17	REL45-250	D66	235S	MLT45-150	D19	313	CBI-100	D68
100B650	SCG-100-560/650	D15	170	OF6231	D12	235SGR	MLT45LL-150	D20	313M	MCBI-100	D68
100B750	SCG-100-650/750	D15	172	OF6232	D12	236S	MLT45-200	D19	314M	✖	D68
100B850	SCG-100-750/850	D15	17400CG	HHB1-WG2	H13	236SGR	MLT45LL-200	D20	315M	MCBI-150	D68
100C1050	SCG-100-950/1050	D15	17400HB	HHB1-MH400-PS	H13	237S	MLT45-250	D19	316M	MCBI-200	D68
100C950	SCG-100-850/950	D15	175176	CP-5	A5, E35	237SGR	MLT45LL-250	D20	317M	MCBI-250	D68
101	OF644	D9, D13	1791	MCSI-50	D25, D79	238S	MLT45-300	D19	318M	MCBI-300	D68
102	OF645	D9, D13	1792	MCSI-75	D25, D79	238SGR	MLT45LL-300	D20	319M	MCBI-350	D68
103	OF6463	D9	1793	MCSI-100	D25, D79	239S	MLT45-350	D19	320AM	MCBI-500	D68
104	OF6464	D9	18	REL45-300	D66	239SGR	MLT45LL-350	D20	320BM	MCBI-600	D68
105	OF6465	D9	181	OF521	D10, D26	24	EEL45-125	D65	320M	MCBI-400	D68
106	OF6466	D9	182	OF522	D10, D26	240S	MLT45-400	✖	331	GBLL-50	D27, D69
107	OF6467	D9	182A	OF523	D10, D26	240SGR	MLT45LL-400	D20	331M	GBLL-50	D27, D69
108	OF6468	D9	187	SP-6	A38, D76	241	LN-50	D71	332	GBLL-75	D27, D69
109	OF6469	D9	189	SP-1	A38, D76	242	LN-75	D71	332M	GBLL-75	D27, D69
11	REL45-50	D66	1891	MCSI90-50	D25, D79	243	LN-100	D71	333	GBLL-100	D27, D69
110	OF6470	D9	1892	MCSI90-75	D25, D79	244	LN-125	D71	333M	GBLL-100	D27, D69
111	ON-50	D62	1893	MCSI90-100	D25, D79	245	LN-150	D71	334	GBLL-125	D27, D69
112	ON-75	D62	19	✖	D66	246	LN-200	D71	334A	GBLL-125-10	D27, D69
113	ON-100	D62	199	SBS	A37, D76, P25	247	LN-250	D71	334AM	GBLL-125-10	D27, D69
114	ON-125	D62	2	ASB-716	D14, P28	248	LN-300	D71	334M	GBLL-125	D27, D69
115	ON-150	D62	20	REL45-400	D66	249	LN-350	D71	335	GBLL-150	D27, D69
116	ON-200	D62	201	WH-50	D60	25	EEL45-150	D65	335A	GBLL-150-10	✖
12	REL45-75	D66	201B	WHG-50	D60	250	LN-400	D71	335AM	GBLL-150-10	D27, D69
120	RX-50	D11	201M	MWHG-50	D60	251	RTC-50	D23	335M	GBLL-150	D27, D69
121	OF654	D8	202	WH-75	D60	251M	MRTC-50	D23	336	GBLL-200	D27, D69
121A	OF655	D8	202B	WHG-75	D60	252	RTC-75	D23	336A	GBLL-200-10	D27, D69
122	BCM-25	D54, D78	202M	MWHG-75	D60	252M	MRTC-75	D23	336AM	GBLL-200-10	D27, D69
122S	BC-25	D55, D78	203	WH-100	D60	253	RTC-100	D23	336M	GBLL-200	D27, D69
123	BCM-38	D54, D78	203B	WHG-100	D60	253M	MRTC-100	D23	337A	GBLL-250	D27, D69
1236	FLBC-P-R	E12	203M	MWHG-100	D60	254	RTC-125	D23	337AM	GBLL-250	D27, D69
123S	BC-38	D55, D78	204	WH-125	D60	254M	MRTC-125	D23	337M	GBLL-250-10	D27, D69
124	BCM-50	D54, D78	204B	WHG-125	D60	255	RTC-150	D23	338A	GBLL-300	D27, D69
13	✖	D66	204M	MWHG-125	D60	255M	MRTC-150	D23	338AM	GBLL-300	D27, D69
130	OF653	D12	205	WH-150	D60	256	RTC-200	D23	339A	GBLL-350	D27, D69
131	OF1611	D5, D9, D26	205B	WHG-150	D60	256M	MRTC-200	D23	339AM	GBLL-350	D27, D69

TOPAZ®

TOPAZ	ORBIT	PAGE
339M	MGBLL-350-10	D27, D69
33R	SCR-75	A5, H14
340A	GBLL-400	D27, D69
340ALM	MGBLL-500	D27, D69
340AM	MGBLL-400	D27, D69
340BLM	MGBLL-600	D27, D69
340M	MGBLL-400-10	D27, D69
341	ECS-50	D5
342	ECS-75	D5
34S	SCS-75	A5, H14
350	MC-DX-50	D13
351	PE-50	D32
351SS	SSPE-G50	D32
352	PE-75	D32
352SS	SSPE-G75	D32
353	PE-100	D32
353SS	SSPE-G100	D32
354	PE-125	D32
354SS	SSPE-G125	D32
361	PEB-50	D32
361SS	SSPEB-G50	D32
362	PEB-75	D32
362SS	SSPEB-G75	D32
363	PEB-100	D32
363SS	SSPEB-G100	D32
364	PEB-125	D32
364SS	SSPEB-G125	D32
371	SSPEB-50	D32
372	SSPEB-75	D32
381	SSPE-50	D32
382	SSPE-75	D32
383	SSPE-100	D32
384	SSPE-125	D32
391S	SRECS-50	D6, D22, D26
392S	SRECS-75	D6, D22, D26
393S	SRECS-100	D6, D22, D26
4	ASB-75	D14, P28
411	GRC-50	D31
412	GRC-58	D31
413	GRC-75	D31
450	OF671	D7
450I	OF671-S	D7
451	OF672	D7
451I	OF672-S	D7
452	OF673	D7
452I	OF673-S	D7
453	OF674	D7
453I	OF674-S	D7
454	OF675	D7
454I	OF675-S	D7
455	OF681	D7
455I	OF681-S	D7
456	OF682	D7
456I	OF682-S	D7
461	OF676	D7
462	OF677	D7
463	OF678	D7
464	OF679	D7
465	OF685	D7
466	OF686	D7
470	LT-38	D18
470I	LT-38	D18
470S	MLTI-38	D18
470SGR	MLTILL-38	D19
471	LT-50	D18
471I	LT-50	D18
471S	MLTI-50	D18
471SGR	MLTILL-50	D19
472	LT-75	D18
472I	LT-75	D18
472S	MLTI-75	D18
472SGR	MLTILL-75	D19
473	LT-100	D18
473I	LT-100	D18
473S	MLTI-100	D18
473SGR	MLTILL-100	D19
474	LT-125	D18
474I	LT-125	D18
474S	MLTI-125	D18
474SGR	MLTILL-125	D19
475	LT-150	D18

TOPAZ	ORBIT	PAGE
475I	LTI-150	D18
475S	MLTI-150	D18
475SGR	MLTILL-150	D19
476	LT-200	D18
476I	LTI-200	D18
476S	MLTI-200	D18
476SGR	MLTILL-200	D19
477S	MLTI-250	D18
477SGR	MLTILL-250	D19
478	LT-300	D18
478S	MLTI-300	D18
478SGR	MLTILL-300	D19
479	LT-350	D18
479S	MLTI-350	D18
479SGR	MLTILL-350	D19
48	GS-1032	A37
480	LT-400	D18
480S	MLTI-400	D18
480SGR	MLTILL-400	D19
481	CBS-50	D54
482	CBS-75	D54
483	CBS-100	D54
484	CBS-125	D54
485	CBS-150	D54
486	CBS-200	D54
487	CBS-250	D54
488	CBS-300	D54
489	CBS-350	D54
489A	CBS-400	D54
490	LT90-38	D20
490I	LT90-38	D20
490S	MLTI90-38	D21
490SGR	MLTI90LL-38	D21
491	LT90-50	D20
491I	LT90-50	D20
491S	MLTI90-50	D21
491SGR	MLTI90LL-50	D21
492	LT90-75	D20
492I	LT90-75	D20
492S	MLTI90-75	D21
492SGR	MLTI90LL-75	D21
493	LT90-100	D20
493I	LT90-100	D20
493S	MLTI90-100	D21
493SGR	MLTI90LL-100	D21
494	LT90-125	D20
494I	LT90-125	D20
494S	MLTI90-125	D21
494SGR	MLTI90LL-125	D21
495	LT90-150	D20
495I	LT90-150	D20
495S	MLTI90-150	D21
495SGR	MLTI90LL-150	D21
496	LT90-200	D20
496I	LT90-200	D20
496S	MLTI90-200	D21
496SGR	MLTI90LL-200	D21
497	LT90-250	D20
497S	MLTI90-250	D21
497SGR	MLTI90LL-250	D21
498	LT90-300	D20
498S	MLTI90-300	D21
498SGR	MLTI90LL-300	D21
499	LT90-350	D20
499S	MLTI90-350	D21
499SGR	MLTI90LL-350	D21
49L	GS-1032-PT-10	A37
500	LT90-400	D20
500S	MLTI90-400	D21
500SGR	MLTI90LL-400	D21
501	SES1-50	D58
502	SES1-75	D58
503	SES1-100	D58
504	SES1-200	D58
506	SES2-50	D58
507	SES2-75	D58
508	SES2-100	D58
509	SES2-200	D58
50A250	SCG-50-125/250	D15
50A350	SCG-50-250/350	D15
50A450	SCG-50-350/450	D15

TOPAZ	ORBIT	PAGE
50A560	SCG-50-450/560	D15
50A650	SCG-50-560/650	D15
51	RC-50	D24
510BX	S1-38	D56
511	SE1-50	D56
512	SE1-75	D56
513	SE1-100	D56
514	SE1-125	D56
515	SE1-150	D56
516	SE1-200	D56
517	SU1-250	D56, D57
518	SU1-300	D56, D57
519	SU1-350	D56, D57
52	RC-75	D24
520	SU1-400	D56, D57
521	SE2-50	D56
522	SE2-75	D56
523	SE2-100	D56
524	SE2-125	D56
525	SE2-150	D56
526	SE2-200	D56
527	SU2-250	D56, D57
528	SU2-300	D56, D57
529	SU2-350	D56, D57
53	RC-100	D24
530	SU2-400	D56, D57
531	SR1-50	D57
532	SR1-75	D57
533	SR1-100	D57
534	SR1-125	D57
535	SR1-150	D57
536	SR1-200	D57
54	RC-125	D24
541	RC-250	D57
542	SR2-75	D57
543	SR2-100	D57
544	SR2-125	D57
545	SR2-150	D57
546	SR2-200	D57
55	RC-150	D24
551	GL-50	D28, D72
552	GL-75	D28, D72
553	GL-100	D28, D72
554	GL-125	D28, D72
555	GL-150	D28, D72
556	GL-200	D28, D72
557	GL-250	D28, D72
558	GL-300	D28, D72
559	GL-350	D28, D72
56	RC-200	D24
560	GL-400	D28, D72
561	SRM1-50	D54, D57
562	SRM1-75	D54, D57
563	SRM1-100	D54, D57
564	SRM1-125	D54, D57
565	SRM1-150	D54, D57
566	SRM1-200	D54, D57
567	SRM1-250	D54, D57
568	SRM1-300	D54, D57
569	SRM1-350	D54, D57
57	RC-250	D24
570	SRM1-400	D54, D57
571	AC-50	D43
571P	CG-50	D42
571S	SC-50	D43
572	AC-75	D43
572P	CG-75	D42
572S	SC-75	D43
573	AC-100	D43
573P	CG-100	D42
573S	SC-100	D43
574	AC-125/150	D43
574P	CG-125/150	D42
574S	SC-125/150	D43
576	AC-200	D43
576P	CG-200	D42
576S	SC-200	D43
577	AC-250/300	D43
577P	CG-250/300	D42
577S	SC-250/300	D43
579	AC-350/400	D43

TOPAZ	ORBIT	PAGE
579P	CG-350/400	D42
579S	SC-350/400	D43
58	RC-300	D24
581	G-50	D43
582	G-75	D43
583	G-100	D43
584	G-125/150	D43
586	G-200	D43
587	G-250/300	D43
589	G-350/400	D43
59	RC-350	D24
60	RC-400	D24
601	PH-50B	D55
602	PH-75B	D55
603	PH-100B	D55
604	PH-125B	D55
604A	PH-105B	D55
605	PH-150B	D55
606	PH-200B	D55
607	PH-250B	D55
608	PH-300B	D55
609	PH-350B	D55
60A	RC-500	D24
60B	RC-600	D24
61	REL90-50	D66
610	PH-400B	D55
62	REL90-75	D66
620DB	GCBB-50/100	D30
620Z	GCBB-50/100	D29
626A	GCB-50/100	D29
626C	GCB-250/400	D29
626D	GCB-450/600	D29
63	REL90-100	D66
630	GCA-125/200	D29
630DB	GCAB-50/100	D30
631	OF701	D3
631I	OF701-S	D3
631S	OF7701	D1
631SI	OF7701-S	D1
632	OF702	D3
632I	OF702-S	D3
632S	OF7702	D1
632SI	OF7702-S	D1
633	OF703	D3
633I	OF703-S	D3
633S	OF7703	D1
633SI	OF7703-S	D1
634	OF704	D3
634I	OF704-S	D3
634S	OF7704	D1
634SI	OF7704-S	D1
635	OF705	D3
635I	OF705-S	D3
635S	OF7705	D1
635SI	OF7705-S	D1
636	OF706	D3
636I	OF7706	D1
636S	OF7706-S	D1
636SI	OF7706-S	D1
637	OF707	D3
637I	OF707-S	D3
637S	OF7707	D1
637SI	OF7707-S	D1
638	OF708	D3
638I	OF708-S	D3
638S	OF7708	D1
638SI	OF7708-S	D1
639	OF709	D3
639I	OF709-S	D3
639S	OF7709	D1
639SI	OF7709-S	D1
64	REL90-125	D66
640	OF710	D3
640I	OF710-S	D3
640S	OF7710	D1
640SI	OF7710-S	D1
641	OF711	D3
6410	RN-400-C	D64
641010	RN-400-1000	D64
641012	RN-400-1200	D64
64104	RN-400-400	D64

TOPAZ

TOPAZ	ORBIT	PAGE	TOPAZ	ORBIT	PAGE	TOPAZ	ORBIT	PAGE	TOPAZ	ORBIT	PAGE
64105	RN-400-500	D64	645712	■	D64	658SI	OF7608-S	D2	724	ECP-125	D59
64106	RN-400-600	D64	64573	RN-250-300	D64	658SIRT	OF7608-SW	D2	727	ECCP-50	D59
64108	RN-400-800	D64	6457312	RN-250-350	D64	658SRT	OF7608-W	D2	728	ECCP-100	D59
641S	OF7711	D1	64574	RN-250-400	D64	659	OF609	D4	729	ECCP-200	D59
642	OF712	D3	64575	RN-250-500	D64	659I	OF609-S	D4	731	EC-50	D59
6422	REL22-125	D66	64576	RN-250-600	D64	659S	OF7609	D2	732	EC-75	D59
642S	OF7712	D1	64578	RN-250-800	D64	659SI	OF7609-S	D2	733	EC-100	D59
643	OF713	D3	6458	RN-300-C	D64	659SIRT	OF7609-SW	D2	734	EC-125	D59
643S	OF7713	D1	645810	RN-300-1000	D64	659SRT	OF7609-W	D2	735	EC-150	D59
644	OF714	D3	645812	RN-300-1200	D64	66	REL90-200	D66	736	EC-200	D59
644S	OF7714	D1	64583	RN-300-300	D64	660	OF610	D4	737	EC-250	D59
645	OF715	D3	6458312	RN-300-350	D64	660I	OF610-S	D4	738	EC-300	D59
6451	RN-50-C	D63, G40	64584	RN-300-400	D64	660S	OF7610	D2	739	EC-350	D59
645110	RN-50-1000	D63	64585	RN-300-500	D64	660SI	OF7610-S	D2	740	EC-400	D59
6451112	RN-50-150	D63	64586	RN-300-600	D64	660SIRT	OF7610-SW	D2	751	CN-50	D62
645112	RN-50-1200	D63	64588	RN-300-800	D64	660SRT	OF7610-W	D2	751A	CN-50L	D62
64512	RN-50-200	D63	6459	RN-350-C	D64	661	OF611	D4	751I	CNI-50	D62
6451212	RN-50-250	D63	645910	RN-350-1000	D64	661S	OF7611	D2	752	CN-75	D62
64513	RN-50-300	D63	645912	RN-350-1200	D64	661SRT	OF7611-W	D2	752A	CN-75L	D62
6451312	RN-50-350	D63	64594	RN-350-400	D64	662	OF612	D4	752I	CNI-75	D62
64514	RN-50-400	■	64595	RN-350-500	D64	6622	REL22-200	D66	753	CN-100	D62
64515	RN-50-500	D63	64596	RN-350-600	D64	662S	OF7612	D2	753I	CNI-100	D62
64516	RN-50-600	D63	64598	RN-350-800	D64	662SRT	OF7612-W	D2	754	CN-125	D62
64518	RN-50-800	D63	645S	OF7715	D1	663	OF613	D4	754I	CNI-125	D62
6452	RN-75-C	D63	646	OF716	D3	663S	OF7613	D2	755	CN-150	D62
645210	RN-75-1000	D63	646S	OF7716	D1	663SRT	OF7613-W	D2	755I	CNI-150	D62
6452112	RN-75-150	D63	647	OF717	D3	664	OF614	D4	756	CN-200	D62
645212	RN-75-1200	D63	647S	OF7717	D1	664S	OF7614	D2	756I	CNI-200	D62
64522	RN-75-200	D63	648	OF718	D3	664SRT	OF7614-W	D2	757I	CNI-250	D62
6452212	RN-75-250	D63	648S	OF7718	D1	665	OF615	D4	758I	CNI-300	D62
64523	RN-75-300	D63	649	OF719	D3	665S	OF7615	D2	759I	CNI-350	D62
6452312	RN-75-350	D63	649S	OF7719	D1	665SRT	OF7615-W	D2	75A250	SCG-75-125/250	D15
64524	RN-75-400	D63	65	REL90-150	D66	666	OF616	D4	75A350	SCG-75-250/350	D15
64525	RN-75-500	D63	650	OF720	D3	666S	OF7616	D2	75A450	SCG-75-350/450	D15
64526	RN-75-600	D63	650S	OF7720	D1	666SRT	OF7616-W	D2	75A560	SCG-75-450/560	D15
64528	RN-75-800	D63	651	OF601	D4	667	OF617	D4	75A650	SCG-75-560/650	D15
6453	RN-100-C	D63	651I	OF601-S	D4	667S	OF7617	D2	75B750	SCG-75-650/750	D15
645310	RN-100-1000	D63	651S	OF7601	D2	667SRT	OF7617-W	D2	75B850	SCG-75-750/850	D15
645312	RN-100-1200	D63	651SI	OF7601-S	D2	668	OF618	D4	760I	CNI-400	D62
64532	RN-100-200	D63	651SIRT	OF7601-SW	D2	668S	OF7618	D2	771	OCS-50	D5
6453212	RN-100-250	D63	651SRT	OF7601-W	D2	668SRT	OF7618-W	D2	771G	GICG7-50	D47
64533	RN-100-300	D63	652	OF602	D4	669	OF619	D4	771S	SCG7-50	D46
6453312	RN-100-350	D63	6522	REL22-150	D66	669S	OF7619	D2	772	OCS-75	D5
64534	RN-100-400	D63	652I	OF602-S	D4	669SRT	OF7619-W	D2	772G	GICG7-75	D47
64535	RN-100-500	D63	652S	OF7602	D2	67	REL90-250	D66	772S	SCG7-75	D46
64536	RN-100-600	D63	652SI	OF7602-S	D2	670	OF620	D4	773G	GICG7-100	D47
64538	RN-100-800	D63	652SIRT	OF7602-SW	D2	670S	OF7620	D2	773S	SCG7-100	D46
6454	RN-125-C	D63	652SRT	OF7602-W	D2	670SRT	OF7620-W	D2	774G	GICG7-125	D47
645410	RN-125-1000	D63	653	OF603	D4	6722	REL22-250	D66	774S	SCG7-125	D46
645412	RN-125-1200	D63	653I	OF603-S	D4	68	REL90-300	D66	775G	GICG7-150	D47
64542	RN-125-200	D63	653S	OF7603	D2	69	REL90-350	D66	775S	SCG7-150	D46
6454212	■	D63	653SI	OF7603-S	D2	690	SBCC-6	D31	776G	GICG7-200	D47
64543	RN-125-300	D63	■	OF7603-SW	D2	691	SBCC-8	D31	776S	SCG7-200	D46
6454312	RN-125-350	D63	653SRT	OF7603-W	D2	6922	REL22-350	D66	777G	GICG7-250/300	D47
64544	RN-125-400	D63	654	OF604	D4	693	SBCC-4	D31	777S	SCG7-250/300	D46
64545	RN-125-500	D63	654I	OF604-S	D4	694	SBCC-2S	D31	779G	GICG7-350/400	D47
64546	RN-125-600	D63	654S	OF7604	D2	695	SBCC-2	D31	779S	SCG7-350/400	D46
64548	RN-125-800	D63	654SI	OF7604-S	D2	696	SBCC-10	D31	781	OCC-50	D5
6455	RN-150-C	D63	654SIRT	OF7604-SW	D2	697	SBCC-20	D31	782	OCC-75	D5
645510	RN-150-1000	D63	654SRT	OF7604-W	D2	698	SBCC-30	D31	805	FTL-14/4	D28
645512	RN-150-1200	D63	655	OF605	D4	699	SBCC-250	D31	809	FTL-6/250	D28
64552	RN-150-200	D63	655I	OF605-S	D4	70	■	D66	81	EEL90-50	D65
6455212	RN-150-250	D63	655S	OF7605	D2	700	SBCC-350	D31	810	LLDB-14/4	■
64553	RN-150-300	D63	655SI	OF7605-S	D2	701	SBCC-500	D31	810DB	LLTDB-SP-14/4	D28
6455312	RN-150-350	D63	655SIRT	OF7605-SW	D2	702	SBCC-750	D31	813B	IGBB-5B	D29
64554	RN-150-400	D63	655SRT	OF7605-W	D2	7022	REL22-400	D66	82	EEL90-75	D65
64555	RN-150-500	D63	656	OF606	D4	711	SSLN-50	■	820	MLDB-14/10	D28
64556	RN-150-600	D63	656I	OF606-S	D4	712	SSLN-75	D71	821	MLDB-14/6	D28
64558	RN-150-800	D63	656S	OF7606	D2	713	SSLN-100	D71	822	MLDB-14/4	D28
6456	RN-200-C	D63	656SI	OF7606-S	D2	714	SSLN-125	D71	83	EEL90-100	D65
645610	RN-200-1000	D64	656SIRT	OF7606-SW	D2	715	SSLN-150	D71	831	PB-50	D67
645612	RN-200-1200	D64	656SRT	OF7606-W	D2	716	SSLN-200	D71	832	PB-75	D67
6456212	RN-200-250	D63	657	OF607	D4	717	SSLN-250	D71	833	PB-100	D67
64563	RN-200-300	D63	657I	OF607-S	D4	718	SSLN-300	D71	834	PB-125	D67
6456312	RN-200-350	D63	657S	OF7607	D2	719	SSLN-350	D71	835	PB-150	D67
64564	RN-200-400	D64	657SI	OF7607-S	D2	720	SSLN-400	D71	836	PB-200	D67
64565	RN-200-500	D64	657SIRT	OF7607-SW	D2	720A	SSLN-500	D71	837	PB-250	D67
64566	RN-200-600	D64	657SRT	OF7607-W	D2	720B	SSLN-600	D71	838	PB-300	D67
64568	RN-200-800	D64	658	OF608	D4	721	ECP-50	D59	839	PB-350	D67
6457	RN-250-C	D64	658I	OF608-S	D4	722	ECP-75	D59	84	EEL90-125	D65
645710	RN-250-1000	D64	658S	OF7608	D2	723	ECP-100	D59	840	PB-400	D67

TOPAZ®

TOPAZ	ORBIT	PAGE
840A	PB-500	D67
840B	PB-600	D67
8422	EEL22-125	D65
85	EEL90-150	D65
8522	EEL22-150	D65
86	EEL90-200	D65
860A	MR3C-500	D24
860B	MR3C-600	D24
8622	EEL22-200	D65
87	EEL90-250	D65
8722	EEL22-250	D65
873A	WECC-100-6	D16
873B	WECC-100-6	D16
874A	WECC-125-2	D16
874B	WECC-125-1	D16
875A	WECC-150-20	D16
876A	WECC-200-20	D16
876B	WECC-200-30	D16
876C	WECC-200-40	D16
876D	WECC-200-40N	D16
88	EEL90-300	D65
881A	CG-50-260/375	D15
881B	CG-50-375/500	D15
8822	EEL22-300	D65
882A	CG-75-500/625	D15
882B	CG-75-625/750	D15
883A	CG-100-500/625	D15
883B	CG-100-625/750	D15
883C	CG-100-750/880	D15
883D	CG-100-880/985	D15
89	EEL90-350	D65
8922	EEL22-350	D65
89A	EEL90-400	D65
89A22	EEL22-400	D65
900	RW-75/50	D73
901	RW-100/50	D73
902	RW-100/75	D73
903	RW-125/50	D73
904	RW-125/75	D73
905	RW-125/100	D73
906	RW-150/50	D73
907	RW-150/75	D73
908	RW-150/100	D73
909	RW-150/125	D73
910	RW-200/50	D73
911	RW-200/75	D73
912	RW-200/100	D73
913	RW-200/125	D73
914	RW-200/150	D73
915	RW-250/50	D73
916	RW-250/75	D73
917	RW-250/100	D73
918	RW-250/125	D73
919	RW-250/150	D73
920	RW-250/200	D73
921	RW-300/50	D73
922	RW-300/75	D73
923	RW-300/100	D73
924	RW-300/125	D73
925	RW-300/150	D73
926	RW-300/200	D73
927	RW-300/250	D73
928	RW-350/50	D73
929	RW-350/75	D73
930	RW-350/100	D73
931	RW-350/125	D73
932	RW-350/150	D73
933	RW-350/200	D73
934	RW-350/250	D73
935	RW-350/300	D73
936	RW-400/50	D73
937	RW-400/75	D73
938	RW-400/100	D73
939	RW-400/125	D73
940	RW-400/150	D73
941	RW-400/200	D73
942	RW-400/250	D73
943	RW-400/300	D73
944	RW-400/350	D73
981S	SME-50/75	D67
982S	SME-75/100	D67

TOPAZ	ORBIT	PAGE
999	PWH-M	A41, D79
AMC1	FLC-50L	D14, P27
AMC12	FLD-50	D14, P27
AMC2	FLC-75L	D14, P27
B4450	D4SB-50	A6
B4452	D4SB-75	A6
B4453	D4SB-50/75	A6
B4454	D4SB-CKO	A6
B8453	5SDB-50/75	A17
B8454	5SDB-75/100	A17
B8544	4SB-MKO-FB	A7
B8545	4SB-MKO	A7
B8546	4SDB-MKO	A9
B8547	4SB-NM-B	A8
B8548	4SB-MC-B	A8, P20
B8549	4SB-MC-FB	A8
C1	C-50	D37
C10	C-400	D37
C10CG	C-400A	D34
C10M	MC-400	D40
C1151	WHBC-DR	A32
C1152	HBC-B	A32
C1153	HBC-TS	A32
C1154	HBC-PO	A32
C1155	HBC-SR	A32
C1156	HBC-BK	A32
C1CG	C-50A	D34
C1G7	C7-50	D45
C1M	MC-50	D40
C2	C-75	D37
C2CG	C-75A	D34
C2G7	C7-75	D45
C2M	MC-75	D40
C3	C-100	D37
C3CG	C-100A	D34
C3G7	C7-100	D45
C3M	MC-100	D40
C4	C-125	D37
C4CG	C-125A	D34
C4G7	C7-125	D45
C4M	MC-125	D40
C5	C-150	D37
C5CG	C-150A	D34
C5G7	C7-150	D45
C5M	MC-150	D40
C6	C-200	D37
C6151	HBC-DR	A32
C6CG	C-200A	D34
C6G7	C7-200	D45
C6M	MC-200	D40
C7	C-250	D37
C7510	5BCK	A18
C7511	5BC	A18
C7516	4BC	A12
C7517	4BCK	A12
C7CG	C-250A	D34
C7G7	C7-250	D45
C7M	MC-250	D40
C8	C-300	D37
C8451	4RBC	A5
C8CG	C-300A	D34
C8G7	C7-300	D45
C8M	MC-300	D40
C9M	MC-350	D40
CMB150	FSB	A1
CMB150NB	FSB-NBH	A1
CMB150SM	FSB-FB	A1
CMB150WB	FSB-OBH	A1
CMB218	FSDB	A1
CMB218SM	FSDB-FB	A1
CMB218WB	FSDB-OBH	A1
CMB50	FS4PB	A1
CT1552	41050T	A12
CT1553	41075T	A12
D4452	D4SDB-50/75	A6
D4454	D4SDB-75	A6
D6500	4SDB-MKO-FB	A9
D6541	4SDB-MC-FB	A10
DS1	NS-50	A38, D58
DS2	NS-50/75	A38, D58
DS3	NS-100	A38, D58

TOPAZ	ORBIT	PAGE
EC1	SSC-50	D42
EC2	SSC-75	D42
EC3	SSC-100	D42
EC4	SSC-125	D42
EC5	SSC-150	D42
EC6	SSC-200	D42
ELB1	SSLB-50	D41
ELB10	SSLB-400	D41
ELB2	SSLB-75	D41
ELB3	SSLB-100	D41
ELB4	SSLB-125	D41
ELB5	SSLB-150	D41
ELB6	SSLB-200	D41
ELB7	SSLB-250	D41
ELB8	SSLB-300	D41
ELB9	SSLB-350	D41
ELL1	SSLL-50	D41
ELL2	SSLL-75	D41
ELL3	SSLL-100	D41
ELL4	SSLL-125	D41
ELL5	SSLL-150	D41
ELL6	SSLL-200	D41
ELR1	SSLR-50	D41
ELR2	SSLR-75	D41
ELR3	SSLR-100	D41
ELR4	SSLR-125	D41
ELR5	SSLR-150	D41
ELR6	SSLR-200	D41
ET1	SST-50	D42
ET2	SST-75	D42
ET3	SST-100	D42
ET4	SST-125	D42
ET5	SST-150	D42
ET6	SST-200	D42
FS1M	1MFS-50	C12, D51
FS2M	1MFS-75	C12, D51
FS3M	1MFS-100	C12, D51
FSCS1M	1MFSC-50	C12, D51
FSCS2M	1MFSC-75	C12, D51
FSCS3M	1MFSC-100	C12, D51
FSD1M	1MFD-50	C12, D51
FSD2M	1MFD-75	C12, D51
FSD3M	1MFD-100	C12, D51
FSDD1M	1MFDC-50	C12, D51
FSDD2M	1MFDC-75	C12, D51
FSDD3M	1MFDC-100	C12, D51
FSGFIS	HBC-GFI	A32
G4451	D4RB-50	A3
G4452	D4RB-75	A3
G4454	D4RB-50/75	A3
GC99	GC	A37
H4450	DHB-1-50	A31
H4453	DHB-1-75	A31
KO50	KO-50	D61
KO51	KO-75	D61
KO52	KO-100	D61
KO53	KO-125	D61
KO54	KO-150	D61
KO55	KO-200	D61
LB1	LB-50	D36
LB10	LB-400	D36
LB10CG	LB-400A	D33
LB10G7	LB7-400	D44
LB10M	MLB-400	D38
LB1CG	LB-50A	D33
LB1G7	LB7-50	D44
LB1M	MLB-50	D38
LB2	LB-75	D36
LB2CG	LB-75A	D33
LB2G7	LB7-75	D44
LB2M	MLB-75	D38
LB3	LB-100	D36
LB3CG	LB-100A	D33
LB3G7	LB7-100	D44
LB3M	MLB-100	D38
LB4	LB-125	D36
LB4CG	LB-125A	D33
LB4G7	LB7-125	D44
LB4M	MLB-125	D38
LB5	LB-150	D36
LB5CB	LB-150A	D33

TOPAZ	ORBIT	PAGE
LB5G7	LB7-150	D44
LB5M	MLB-150	D38
LB6	LB-200	D36
LB6CG	LB-200A	D33
LB6G7	LB7-200	D44
LB6M	MLB-200	D38
LB7	LB-250	D36
LB7CG	LB-250A	D33
LB7G7	LB7-250	D44
LB7M	MLB-250	D38
LB8	LB-300	D36
LB8CG	LB-300A	D33
LB8G7	LB7-300	D44
LB8M	MLB-300	D38
LB9	LB-350	D36
LB9CG	LB-350A	D33
LB9G7	LB7-350	D44
LB9M	MLB-350	D38
LL1	LL-50	D36
LL10	LL-400	D36
LL10CG	LL-400A	D33
LL10G7	LL7-400	D45
LL10M	MLL-400	D39
LL1CG	LL-50A	D33
LL1G7	LL7-50	D45
LL1M	MLL-50	D39
LL2	LL-75	D36
LL2CG	LL-75A	D33
LL2G7	LL7-75	D45
LL2M	MLL-75	D39
LL3	LL-100	D36
LL3CG	LL-100A	D33
LL3G7	LL7-100	D45
LL3M	MLL-100	D39
LL4	LL-125	D36
LL4CG	LL-125A	D33
LL4G7	LL7-125	D45
LL4M	MLL-125	D39
LL5	LL-150	D36
LL5CG	LL-150A	D33
LL5G7	LL7-150	D45
LL5M	MLL-150	D39
LL6	LL-200	D36
LL6CG	LL-200A	D33
LL6G7	LL7-200	D45
LL6M	MLL-200	D39
LL7	LL-250	D36
LL7CG	LL-250A	D33
LL7G7	LL7-250	D45
LL7M	MLL-250	D39
LL8	LL-300	D36
LL8CG	LL-300A	D33
LL8G7	LL7-300	D45
LL8M	MLL-300	D39
LL9M	MLL-350	D39
LR1	LR-50	D37
LR10	LR-400	D37
LR10CG	LR-400A	D34
LR10G7	LR7-400	D44
LR10M	MLR-400	D39
LR1CG	LR-50A	D34
LR1G7	LR7-50	D44
LR1M	MLR-50	D39
LR2	LR-75	D37
LR2CG	LR-75A	D34
LR2G7	LR7-75	D44
LR2M	MLR-75	D39
LR3	LR-100	D37
LR3CG	LR-100A	D34
LR3G7	LR7-100	D44
LR3M	MLR-100	D39
LR4	LR-125	D37
LR4CG	LR-125A	D34
LR4G7	LR7-125	D44
LR4M	MLR-125	D39
LR5	LR-150	D37
LR5CG	LR-150A	D34
LR5G7	LR7-150	D44
LR5M	MLR-150	D39
LR6	LR-200	D37
LR6CG	LR-200A	D34

TOPAZ®

TOPAZ	ORBIT	PAGE
LR6G7	LR7-200	D44
LR6M	MLR-200	D39
LR7	LR-250	D37
LR7CG	LR-250A	D34
LR7G7	LR7-250	D44
LR7M	MLR-250	D39
LR8	LR-300	D37
LR8CG	LR-300A	D34
LR8G7	LR7-300	D44
LR8M	MLR-300	D39
LR9M	MLR-350	D39
LTF1	NGC100-709/984	D16
LTF12	NGC-50-384/551	D
LTF34	NGC-75-551/709	D16
LTF38	NGC-38-197/394	D16
MLBCG10	LBM-400	D35
MLBCG5	LBM-150	D35
MLBCG6	LBM-200	D35
MLBCG7	LBM-250	D35
MLBCG8	LBM-300	D35
MLBCG9	LBM-350	D35
NLN38B	PLN-38	D72
P4451	4PB	A2
P470	NMLT-38	D17
P473	NMLT-100	D17
P474	NMLT-125	D17
P475	NMLT-150	D17
P476	NMLT-200	D17
P490	NMLT90-38	D17
P493	NMLT90-100	D17
P494	NMLT90-125	D17
P495	NMLT90-150	D17
P496	NMLT90-200	D17
RB1	RB-50/38	D67
RB10	RB-150/100	D67
RB11	RB-150/125	D67
RB12	RB-200/50	D67
RB13	RB-200/75	D67
RB14	RB-200/100	D67
RB15	RB-200/125	D67
RB16	RB-200/150	D67
RB2	RB-75/50	D67
RB20	RB-250/200	D67
RB23	RB-300/200	D67
RB24	RB-300/250	D67
RB28	MRB-350/300	D67
RB3	RB-100/50	D67
RB32	MRB-400/350	D67
RB4	RB-100/75	D67
RB5	RB-125/50	D67
RB6	RB-125/75	D67
RB7	RB-125/100	D67
RB8	RB-150/50	D67
RB9	RB-150/75	D67
RC142	4RBC-R	A5
T1	T-50	D38
T10	T-400	D38
T10CG	T-400A	D35
T10G7	T7-400	D46
T10M	MT-400	D40
T124	CLS	E34
T1CG	T-50A	D35
T1G7	T7-50	D46
T1M	MT-50	D40
T2	T-75	D38
T2CG	T-75A	D35
T2G7	T7-75	D46
T2M	MT-75	D40
T3	T-100	D38
T3CG	T-100A	D35
T3G7	T7-100	D46
T3M	MT-100	D40
T4	T-125	D38
T4CG	T-125A	D35
T4G7	T7-125	D46
T4M	MT-125	D40
T5	T-150	D38
T5CG	T-150A	D35
T5G7	T7-150	D46
T5M	MT-150	D40
T6	T-200	D38

TOPAZ	ORBIT	PAGE
T6CG	T-200A	D35
T6G7	T7-200	D46
T6M	MT-200	D40
T7	T-250	D38
T7CG	T-250A	D35
T7G7	T7-250	D46
T7M	MT-250	D40
T8	T-300	D38
T8CG	T-300A	D35
T8G7	T7-300	D46
T8M	MT-300	D40
T9M	MT-350	D40
VFI100W50CG	VPB2	H10
VFIGLS	VG20-CL	H10
VFW100W50CG	VPW2	H10
WB13100	1B100-3	C7
WB1375	1B50-3	C7
WB1450	1B50-4	C7
WB1450EXT	EXF50-4	C10
WB1475	1B75-4	C7
WB1475EXT	EXF75-4	C10
WB1550	1B50-5	C7
WB1550X	1B50-5X	C7
WB1575	1B75-5	C7
WB1575X	1B75-5X	C7
WB1650EXT	EXF50-6	C10
WB1675EXT	EXF75-6	C10
WB1EXT	EXR-1	C10
WB23100	2B100-3	C8
WB2350	2B50-3	C8
WB2375	2B75-3	C8
WB2450	2B50-4	C8
WB2475	2B75-4	C8
WB25100X	2B100-5X	C8
WB2550	2B50-5	C8
WB2550X	2B50-5X	C8
WB2575	2B75-5	C8
WB2575X	2B75-5X	C8
WB2650X	2B50-6X	C8
WB2675X	2B75-6X	C8
WB2750	2B50-7	C8
WB2750X	2B50-7X	C8
WB2775	2B75-7	C8
WB2775X	2B75-7X	C8
WB2EXT	EXR-2	C10
WB37100	3DB100-7	C9
WB3750	3DB50-7	C9
WB3775	3DB75-7	C9
WC1B	1-BC	C4
WC1V12	1C-U	C3
WC2225	2C-U	C3
WC2B	2-BC	C6
WC3325	3C-U	C3
WC3B	3-BC	C6
WCH1DUP	1C-DH	C4
WCH1GFI	1C-GH	C4
WCIU1HM	WIUM-1DH	C1
WCIU1SD	WIU-1U-ED	C1
WCIU1VM	WIUM-1DV	C1
WCIU2M	WIUM-2U	C1
WCIU2SD	WIU-2UD-ED	C1
WCR1150	RE-1	C5
WCR1350	RE-3	C5
WCV11	1C-SV	C4
WCV12.125	1C-PO40	C4
WCV1DUP	1C-DV	C4
WCV1GFI	1C-GV	C4
WCV21515	2C-2S	C6
WCV2DUP	2C-2D	C6
WCV2DUPGFI	2C-GD	C6
WCV2GFI	2C-2G	C6
WCV2SDUP	2C-SD	C6
WDB13100	1DB100-3	C7
WDB1350	1DB50-3	C7
WDB1375	1DB75-3	C7
WDB15100X	1DB100-5X	C7
WDB1550X	1DB50-5X	C7
WDB1575X	1DB75-5X	C7
WDB25100	2DB100-5	C8
WDB2550	2DB50-5	C8

TOPAZ	ORBIT	PAGE
WDB2575	2DB75-5	C8
WP100	PL-100	C15
WP50	PL-50	C15
WP75	PL-75	C15
WPBH50	BH-50	C15
WRB1550	RB50-5	C11
WRB1575	RB75-5	N
WRB450EXT,XWB15	EXR50-4	C11
WRC150	RC-1	C11
WRC250	RC-2	C11
WRC350	RC-3D	C11
WRCB	RBC-4	C11

ARLINGTON®

ARLINGTON	ORBIT	PAGE
140	EC-50	D59
290	SRECS-50	D6, D22, D26
291	SRECS-75	D6, D22, D26
456	GBLL-250	D27, D69
625	RJ-200	D77
843	RX-100	D11
844	RX-125	D11
8930	SSPEB-50	D32
141	EC-75	D59
142	EC-100	D59
143	EC-125	D59
144	EC-150	D59
145	EC-200	D59
146	EC-250	D59
147	EC-300	D59
148	EC-350	D59
149	EC-400	D59
2000	PH-50B	D55
2010	PH-75B	D55
2020	PH-100B	D55
2025	PH-105B	D55
2025	PH-125B	D55
2040	PH-150B	D55
2050	PH-200B	D55
2060	PH-250B	D55
2070	PH-300B	D55
2080	PH-350B	D55
2090	PH-400B	D55
260	OF781	D62
301	SES1-50	D58
303	SES1-75	D58
304	SE1-50L	D56
310	S1-38	D56
3100	SRM1-50	D54, D57
3101	SRM1-75	D54, D57
3102	SRM1-100	D54, D57
3103	SRM1-125	D54, D57
3104	SRM1-150	D54, D57
3105	SRM1-200	D54, D57
3106	SRM1-250	D54, D57
3107	SRM1-300	D54, D57
3108	SRM1-350	D54, D57
3109	SRM1-400	D54, D57
311	S1-25	D56
313S	SES1-100	D58
314S	SES1-200	D58
340	SR1-50	D57
341	SR1-75	D57
342	SR1-100	D57
343	SR1-125	D57
344	SR1-150	D57
345	SR1-200	D57
346	SU1-250	D56, D57
347	SU1-300	D56, D57
348	SU1-350	D56, D57
349	SU1-400	D56, D57
350	SR2-50	D57
351	SR2-75	D57
352	SR2-100	D57
353	SR2-125	D57
354	SR2-150	D57
355	SR2-200	D57
356	SU2-250	D56, D57
357	SU2-300	D56, D57
358	SU2-350	D56, D57
359	SU2-400	D56, D57
360	SE2-50	D56
361	SE2-75	D56
362	SE2-100	D56
363	SE2-125	D56
364	SE2-150	D56

ARLINGTON	ORBIT	PAGE
365	SE2-200	D56
370	SE1-50	D56
371	SE1-75	D56
372	SE1-100	D56
373	SE1-125	D56
374	SE1-150	D56
375	SE1-200	D56
383810AST	FLD-50	D14, P27
38AST	DSC-38	D13, P27
401	SLN-50	D71
402	SLN-75	D71
403	SLN-100	D71
404	SLN-125	D71
405	SLN-150	D71
406	SLN-200	D71
407	SLN-250	D71
408	SLN-300	D71
409	SLN-350	D71
40RAST	DSC-38C	D13, P27
410	SLN-400	D71
411	SLN-500	D71
412	SLN-600	D71
440	PB-50	D67
441	PB-75	D67
442	PB-100	D67
443	PB-125	D67
444	PB-150	D67
445	PB-200	D67
446	PB-250	D67
447	PB-300	D67
Q	PB-350	D67
449	PB-400	D67
4491	PB-500	D67
4492	PB-600	D67
450	GBLL-50	D27, D69
451	GBLL-75	D27, D69
452	GBLL-100	D27, D69
453	GBLL-125	D27, D69
454	GBLL-150	D27, D69
455	GBLL-200	D27, D69
457	GBLL-300	D27, D69
458250	GBLL-350	D27, D69
459	■	D27, D69
501	CN-50	D62
501L	CN-50L	D62
502	CN-75	D62
502L	CN-75L	D62
503	CN-100	D62
503L	CN-100L	D62
504	CN-125	D62
505	CN-150	D62
506	CN-200	D62
522	RB-75/50	D67
523	RB-100/50	D67
524	RB-100/75	D67
525	RB-125/50	D67
526	RB-125/75	D67
527	RB-125/100	D67
528	RB-150/50	D67
529	RB-150/75	D67
530	RB-150/100	D67
531	RB-150/125	D67
532	RB-200/50	D67
533	RB-200/75	D67
534	RB-200/100	D67
535	RB-200/125	D67
536	RB-200/150	D67
610	PWH-M	A41, D79
612	PWH-L	A41, D79
6A2	ON-50	D62
6A3	ON-75	D62
6A4	ON-100	D62
6A5	ON-125	D62
6A6	ON-150	D62
6A7	ON-200	D62
720B	GCB-50/100	D29
720BBS	GCB-50/100	D29
720DB	GCB-50/100	D30
720Z	GCBZ-50/100	D29
721B	GCB-125/200	D29
722B	GCB-250/400	D29
723B	GCB-450/600	D29
730B	GCH-50/100-50	D30
780	GRC-50	D31
781	GRC-58	D31
782	GRC-75	D31
800	OF701	D3
800A	OF701-S	D3
801	OF702	D3
801A	OF702-S	D3
802	OF703	D3
802A	OF703-S	D3

ARLINGTON®

ARLINGTON	ORBIT	PAGE
803	OF704	D3
803A	OF704-S	D3
804	OF705	D3
804A	OF705-S	D3
805	OF706	D3
805A	OF706-S	D3
806	OF707	D3
806A	OF707-S	D3
807	OF708	D3
8075	OF709	D3
8075A	OF709-S	D3
807A	OF708-S	D3
808	OF710	D3
808A	OF710-S	D3
810	OF711	D3
811	OF712	D3
812	OF713	D3
813	OF714	D3
814	OF715	D3
815	OF716	D3
816	OF717	D3
817	OF718	D3
8175	OF719	D3
818	OF720	D3
820	OF601	D4
820A	OF601-S	D4
820ART	OF7601-SW	D2
820RT	OF7601-W	D2
821	OF602	D4
821A	OF602-S	D4
821ART	OF7602-SW	D2
821RT	OF7602-W	D2
822	OF603	D4
822A	OF603-S	D4
822ART	OF7603-SW	D2
822RT	OF7603-W	D2
823	OF604	D4
823A	OF604-S	D4
823ART	OF7604-SW	D2
823RT	OF7604-W	D2
824	OF605	D4
824A	OF605-S	D4
824ART	OF7605-SW	D2
824RT	OF7605-W	D2
825	OF606	D4
825A	OF606-S	D4
825ART	OF7606-SW	D2
825RT	OF7606-W	D2
826	OF607	D4
826A	OF607-S	D4
826ART	OF7607-SW	D2
826RT	OF7607-W	D2
827	OF608	D4
827A	OF608-S	D4
827ART	OF7608-SW	D2
827RT	OF7608-W	D2
828	OF609	D4
828A	OF609-S	D4
828ART	OF7609-SW	D2
828RT	OF7609-W	D2
829	OF610	D4
829A	OF610-S	D4
829ART	OF7610-SW	D2
829RT	OF7610-W	D2
830	OF611	D4
830RT	OF611	D2
831	OF612	D4
831RT	OF7612-W	D2
832	OF613	D4
832RT	OF7613-W	D2
833	OF614	D4
833RT	OF7614-W	D2
834	OF615	D4
834RT	OF7615-W	D2
835	OF616	D4
835RT	OF7616-W	D2
836	OF617	D4
836RT	OF7617-W	D2
837	OF618	D4
837RT	OF7618-W	D2
838	OF619	D4

ARLINGTON	ORBIT	PAGE
838RT	OF7619-W	D2
839	OF620	D4
839RT	OF7620-W	D2
8400	OF6620	D12
841	RX-50	D11
842	RX-75	D11
845R	OF653	D12
846	MC-DX-50	D13
848	RX-150	D11
849	RX-200	D11
850	OF643	D9, D13
851	OF644	D9, D13
8510	OF6470	D9
852	OF645	D9, D13
853	OF6463	D9
854	OF6464	D9
855	OF6465	D9
856	OF6466	D9
857	OF6467	D9
858	OF6468	D9
859	OF6469	D9
860	OF530	D10, D26
8600	OF520	D10, D26
861	OF531	D10, D26
8610	OF521	D10, D26
862	OF532	D10, D26
8620	OF522	D10, D26
8630	OF523	D10, D26
890	OCS-50	D5
891	OCS-75	D5
8940	SSPEB-75	D32
900	KO-50	D61
901	KO-75	D61
902	KO-100	D61
903	KO-125	D61
904	KO-150	D61
905	KO-200	D61
9100	PEB-50	D32
9100	SSPEB-G50	D32
9110	PEB-75	D32
9110	SSPEB-G75	D32
9120	PEB-100	D32
9120	SSPEB-G100	D32
9130	PEB-125	D32
9130	SSPEB-G125	D32
920SLB	SLB-50	D35
921SLB	SLB-75	D35
922SLB	SLB-100	D35
923SLB	SLB-125	D35
924SLB	SLB-150	D35
925SLB	SLB-200	D35
9310LB	LB-50	D36
9310LB	SSLB-50	D41
9310LBCG	LB-50A	D33
9311LB	LB-75	D36
9311LB	SSLB-75	D41
9311LBCG	LB-75A	D33
9312LB	LB-100	D36
9312LB	SSLB-100	D41
9312LBCG	LB-100A	D36
9313LB	LB-125	D36
9313LB	SSLB-125	D41
9313LBCG	LB-125A	D33
9314LB	LB-150	D36
9314LB	SSLB-150	D41
9314LBCG	LB-150A	D33
9315LB	SSLB-150	D36
9315LB	SSLB-200	D41
9315LBCG	LB-200A	D33
936LBCG	LB-250	D36
937LBCG	LB-300	D36
938LBCG	LB-350	D36
939LBCG	LB-400	D36
9410T	SST-50	D42
9410T	T-50	D38
9410TCG	T-50A	D35
9411T	SST-75	D42
9411T	T-75	D38
9411TCG	T-75A	D35
9412T	SST-100	D42
9412T	T-100	D38

ARLINGTON	ORBIT	PAGE
9412TCG	T-100A	D35
9413T	SST-125	D42
9413T	T-125	D38
9413TCG	T-125A	D35
9414CCG	C-150A	D34
9414T	SST-150	D42
9414T	T-150	D38
9414TCG	T-150A	D35
9415T	SST-200	D42
9415T	T-200	D38
9415TCG	T-200A	D35
946TCG	T-250	D38
947TCG	T-300	D38
949TCG	T-400	D38
9510LL	LL-50	D36
9510LL	SSL-50	D41
9510LLCG	LL-50A	D33
9511LL	LL-75	D36
9511LL	LL-75A	D41
9511LLCG	LL-75A	D33
9512LL	LL-100	D36
9512LL	SSL-100	D41
9512LLCG	LL-100A	D33
9513LL	LL-125	D36
9513LL	SSL-125	D41
9513LLCG	LL-125A	D33
9514LL	LL-150	D36
9514LL	SSL-150	D41
9514LLCG	LL-150A	D33
9515LL	LL-200	D36
9515LL	SSL-200	D41
9515LLCG	LL-200A	D33
956LLCG	LL-250	D36
957LLCG	LL-300	D36
959LLCG	LL-400	D36
9610LR	LR-50	D37
9610LR	SSLR-50	D41
9610LR	LR-50A	D34
9611LR	LR-75	D37
9611LR	SSLR-75	D41
9611LR	LR-75A	D34
9612LR	LR-100	D37
9612LR	SSLR-100	D41
9612LR	LR-100A	D34
9613LR	LR-125	D37
9613LR	SSLR-125	D41
9613LR	LR-125A	D34
9614LR	LR-150	D37
9614LR	LR-150A	D41
9615LR	LR-200	D37
9615LR	SSLR-200	D41
9615LR	LR-200A	D34
966LR	LR-250	D37
967LR	LR-300	D37
969LR	LR-400	D37
9710C	C-50	D37
9710C	SSC-50	D42
9710CCG	C-50A	D34
9711C	C-75	D37
9711C	SSC-75	D42
9711CCG	C-75A	D34
9712C	C-100	D37
9712C	SSC-100	D42
9712CCG	C-100A	D34
9713C	C-125	D37
9713C	SSC-125	D42
9713CCG	C-125A	D34
9714C	C-150	D37
9714C	SSC-150	D42
9715C	C-200	D37
9715C	SSC-200	D42
9715CCG	C-200A	D34
976CCG	C-250	D37
977CCG	C-300	D37
979CCG	C-400	D37
980	CG-50	D42
981	CG-75	D42
982	CG-100	D42
983	CG-125/150	D42
984	CG-200	D42

ARLINGTON	ORBIT	PAGE
985	CG-250/300	D42
986	CG-350/400	D42
990N	G-50	D43
991N	G-75	D43
992N	G-100	D43
993N	G-125/150	D43
994N	G-200	D43
995N	G-250/300	D43
996N	G-350/400	D43
AS0	ASB-516	D14, P28
AS1	ASB-38	D14, P28
AS2	ASB-716	D14, P28
AS3	ASB-50	D14, P28
AS4	ASB-75	D14, P28
BC25	BC-25	D55, D78
BC38	BC-38	D55, D78
CB1	CBS-50	D54
CB10	CBS-400	D54
CB2	CBS-75	D54
CB3	CBS-100	D54
CB4	CBS-125	D54
CB5	CBS-150	D54
CB6	CBS-200	D54
CB7	CBS-250	D54
CB8	CBS-300	D54
CB9	CBS-350	D54
CG100750	CG-100-625/750	D15
CP3540	CP-5NM	A5, E35
CP9000	CP-5	A5, E35
C-STRAP	SES2-50	D58
DLN1	LN-50	D71
DLN10	LN-400	D71
DLN2	LN-75	D71
DLN3	LN-100	D71
DLN4	LN-125	D71
DLN5	LN-150	D71
DLN6	LN-200	D71
DLN7	LN-250	D71
DLN8	LN-300	D71
DLN9	LN-350	D71
EMT100	TPB-100	D70
EMT150	TPB-150	D70
EMT200	TPB-200	D70
EMT250	TPB-250	D70
EMT300	TPB-300	D70
EMT350	TPB-350	D70
EMT400	TPB-400	D70
EMT50	TPB-50	D70
EMT75	TPB-75	D70
E-STRAP	SES2-75	D58
FBRS415	FSB-NBH	A1
FBRS4200R	FS-OBH	A1
FBRS420R	FSDB-OBH	A1
FBS405	FS4PB	A1
FBS415	FSB	A1
FBS415S	FSB-FB	A1
FBS420	FSDB	A1
FBS420S	FSDB-FB	A1
FLB5320MB	FLB-R1G-C-BR	E1
FLB5320NL	FLB-R1G-C-SS	E1
FLB5321MB	FLB-R1G-BR	E1
FLB5321NL	FLB-R1G-SS	E1
FLB5330MB	FLB-D-C-BR	E1
FLB5330NL	FLB-D-C-SS	E1
FLB5331MB	FLB-D-BR	E1
FLB5331NL	FLB-D-SS	E1
FLBC4500	FLBC-P-R	E12
FLBC4500LR	FLBPU-AR	E12
FLBT6615MB	FLBPU-D-R-C-BR	E5
FLBT6615NL	FLBPU-D-R-C-SS	E5
FS50	BH-50	C15
GB5	IGBB-5	D29
GBB5	IGBB-5B	D29
GF100	OF674	D7
GF100A	OF674-S	D7
GF125	OF675	D7
GF125A	OF675-S	D7
GF150	OF681	D7
GF150A	OF681-S	D7
GF200	OF682	D7

ARLINGTON®

ARLINGTON	ORBIT	PAGE
GF200A	OF682-S	D7
GF38	OF671	D7
GF38A	OF671-S	D7
GF50	OF672	D7
GF50A	OF672-S	D7
GF75	OF673	D7
GF75A	OF673-S	D7
GF861	OF1611	D5, D9, D26
GF862	OF1612	D5, D9, D26
GF863	OF1613	D5, D9, D26
GFC100	OF678	D7
GFC125	OF679	D7
GFC150	OF685	D7
GFC200	OF686	D7
GFC50	OF676	D7
GFC75	OF677	D7
GL100	GL-100	D28, D72
GL125	GL-125	D28, D72
GL150	GL-150	D28, D72
GL200	GL-200	D28, D72
GL250	GL-250	D28, D72
GL300	GL-300	D28, D72
GL350	GL-350	D28, D72
GL400	GL-400	D28, D72
GL50	GL-50	D28, D72
GL75	GL-75	D28, D72
HL100	PE-100	D32
HL100	SSPE-G100	D32
HL125	PE-125	D32
HL125	SSPE-G125	D32
HL5000	PE-50	D32
HL5000	SSPE-G50	D32
HL7500	PE-75	D32
HL7500	SSPE-G75	D32
H-STRAP	SES2-100	D58
JC12	JC-12	A41, D78
K-STRAP	SES2-200	D58
L420	OF730	D8
L421	OF731	D8
L4210	OF740	D8
L4210A	OF740-S	D8
L421A	OF731-S	D8
L422	OF732	D8
L422A	OF732-S	D8
L423	OF733	D8
L423A	OF733-S	D8
L424	OF734	D8
L424A	OF734-S	D8
L425	OF735	D8
L425A	OF735-S	D8
L426	OF736	D8
L426A	OF736-S	D8
L427	OF737	D8
L427A	OF737-S	D8
L428	OF738	D8
L428A	OF738-S	D8
L429	OF739	D8
L429A	OF739-S	D8
L48	OF654	D8
L49	OF655	D8
LT100	LT-100	D18
LT100A	LT-100	D18
LT125	LT-125	D18
LT125A	LT-125	D18
LT150	LT-150	D18
LT150A	LT-150	D18
LT200	LT-200	D18
LT200A	LT-200	D18
LT250	LT-250	D18
LT300	LT-300	D18
LT350	LT-350	D18
LT38	LT-38	D18
LT38A	LT-38	D18
LT400	LT-400	D18
LT50	LT-50	D18
LT50A	LT-50	D18
LT75	LT-75	D18
LT75A	LT-75	D18
LT90100	LT90-100	D20
LT90100A	LT90-100	D20
LT90125	LT90-125	D20

ARLINGTON	ORBIT	PAGE
LT90125A	LT90-125	D20
LT90150	LT90-150	D20
LT90150A	LT90-150	D20
LT90200	LT90-200	D20
LT90250	LT90-250	D20
LT90300	LT90-300	D20
LT90350	LT90-350	D20
LT9038	LT90-38	D20
LT9038A	LT90-38	D20
LT90400	LT90-400	D20
LT9050	LT90-50	D20
LT9050A	LT90-50	D20
LT9075	LT90-75	D20
LT9075A	LT90-75	D20
MBC25	BCM-25	D54, D78
MBC27	BCM-38	D54, D78
MBC28	BCM-50	D54, D78
NM841	NM-50	D11, P28
NM842	NM-75	D11
NM94	PQLC-38	D70
NM95	PQLC-75	D70
NMLT100	NMLT-100	D17
NMLT125	NMLT-125	D17
NMLT150	NMLT-150	D17
NMLT200	NMLT-200	D17
NMLT38	NMLT-38	D17
NMLT50	NMLT-50	D17
NMLT75	NMLT-75	D17
NMLT90100	NMLT90-100	D17
NMLT90125	NMLT90-125	D17
NMLT90150	NMLT90-150	D17
NMLT90200	NMLT90-200	D17
NMLT9038	NMLT90-38	D17
NMLT9050	NMLT90-50	D17
NMLT9075	NMLT90-75	D17
NS1	NS-50	A38, D58
NS2	NS-50/75	A38, D58
PVC660	ECCP-50	D59
PVC662	ECCP-100	D59
PVC662	ECCP-200	D59
PVC85	SPP	D59
RW1	RW-75/50	D73
RW10	RW-150/125	D73
RW11	RW-200/50	D73
RW12	RW-200/75	D73
RW13	RW-200/100	D73
RW14	RW-200/125	D73
RW15	RW-200/150	D73
RW16	RW-250/50	D73
RW17	RW-250/75	D73
RW18	RW-250/100	D73
RW19	RW-250/125	D73
RW2	RW-100/50	D73
RW20	RW-250/150	D73
RW21	RW-250/200	D73
RW22	RW-300/50	D73
RW23	RW-300/75	D73
RW24	RW-300/100	D73
RW25	RW-300/125	D73
RW26	RW-300/150	D73
RW27	RW-300/200	D73
RW28	RW-300/250	D73
RW29	RW-350/50	D73
RW3	RW-100/75	D73
RW30	RW-350/75	D73
RW31	RW-350/100	D73
RW32	RW-350/125	D73
RW33	RW-350/150	D73
RW34	RW-350/200	D73
RW35	RW-350/250	D73
RW36	RW-350/300	D73
RW37	RW-400/50	D73
RW38	RW-400/75	D73
RW39	RW-400/100	D73
RW4	RW-125/50	D73
RW40	RW-400/125	D73
RW41	RW-400/150	D73
RW42	RW-400/200	D73
RW43	RW-400/250	D73
RW44	RW-400/300	D73

ARLINGTON	ORBIT	PAGE
RW45	RW-400/350	D73
RW5	RW-125/75	D73
RW6	RW-125/100	D73
RW7	RW-150/50	D73
RW8	RW-150/75	D73
RW9	RW-150/100	D73
SB130	PUSG	D70
SBS	SBS	A37, D76, P25
SG38A	OF6231	D12
SH1	SH-2	A41, D78
SL100	SSLN-100	D71
SL125	SSLN-125	D71
SL150	SSLN-150	D71
SL200	SSLN-200	D71
SL250	SSLN-250	D71
SL300	SSLN-300	D71
SL350	SSLN-350	D71
SL400	SSLN-400	D71
SL50	SSLN-50	D71
SL500	SSLN-500	D71
SL600	SSLN-600	D71
SL75	SSLN-75	D71
T105CGN	T-400A	D35
T75CGN	T-250A	D35
T85CGN	T-300A	D35
THL1000	SSPE-100	D32
WH1	WH-50	D60
WH10	WH-400	D60
WH2	WH-75	D60
WH3	WH-100	D60
WH4	WH-125	D60
WH5	WH-150	D60
WH6	WH-200	D60
WH7	WH-250	D60
WH8	WH-300	D60
WH9	WH-350	D60

DOTTIE®

DOTTIE	ORBIT	PAGE
1	ASB-38	D14, P28
1001	GCB-250/400	D29
1002	GCB-450/600	D29
1102	GCA-250/400	D29
1103	GCA-450/600	D29
2	ASB-716	D14, P28
20M	GCBZ-50/100	D29
25	GCB-50/100	D29
26	GCA-50/100	D29
27	GCB-125/200	D29
28	GCA-125/200	D29
29L	GCH-50/100-50	D30
3	ASB-50	D14, P28
30L	GCH-50/100-75	D30
31L	GCH-50/100-100	D30
3516	SP-35	A38, D76
4	ASB-75	D14, P28
411	SP-1	A38, D76
415	SP-1-500	A38, D76
629	FH-S	A41, D78
630	FH-E	A41, D78
631	H-SCREW	A41, D77
632	KIT-632FH	D77
632PS	KIT-632RH	D77
832PS	KIT-832RH	D77
BC100	CG-100	D42
BC125/150	CG-125/150	D42
BC200	CG-200	D42
BC250/300	CG-250/300	D42
BC350/400	CG-350/400	D42
BC50	CG-50	D42
BC75	CG-75	D42
BK14	BC-25	D55, D78
BK14M	BCM-25	D54, D78
BK38	BC-38	D55, D78
BK38M	BCM-38	D54, D78
BK50M	BCM-50	D54, D78
BLC1	1-BC	C4
BLC2	2-BC	C6
BSDC50	OF711	D3

DOTTIE	ORBIT	PAGE
BSDC75	OF712	D3
C100	C-100	D37
C100CG	C-100A	D34
C100M	MC-100	D40
C125	C-125	D37
C125CG	C-125A	D34
C125M	MC-125	D40
C150	C-150	D37
C150M	C-150A	D34
C150M	MC-150	D40
C200	C-200	D37
C200CG	C-200A	D34
C200M	MC-200	D40
C250	C-250	D37
C250M	MC-250	D40
C300	C-300	D37
C300M	MC-300	D40
C350M	MC-350	D40
C400	C-400	D37
C400M	MC-400	D40
C50	C-50	D37
C50CG	C-50A	D34
C50M	MC-50	D40
C75	C-75	D37
C75CG	C-75A	D34
C75M	MC-75	D40
CH1212???	JC-12	A41, D78
CN100	CN-100	D62
CN125	CN-125	D62
CN150	CN-150	D62
CN200	CN-200	D62
CN50	CN-50	D62
CN75	CN-75	D62
CP5	CP-5	A5, E35
D100S	KO3P-400	D61
D10S	KO3P-50	D61
D11	NS-50	A38, D58
D12,D1,D1P	NS-50/75	A38, D58
D2,D13	NS-100	A38, D58
D20S	KO3P-75	D61
D30S	KO3P-100	D61
D40S	KO3P-125	D61
D50S	KO3P-150	D61
D60S	KO3P-200	D61
D70S	KO3P-250	D61
D80S	KO3P-300	D61
D90S	KO3P-350	D61
DB25	GCB-50/100	D30
DB27	GCB-125/200	D30
DOTTIE PART NO IS 0	ASB-516	D14, P28
DUP1	1C-DH	C4
DUPV1	1C-DV	C4
EC100	EC-100	D59
EC125	EC-125	D59
EC150	EC-150	D59
EC200	EC-200	D59
EC250	EC-250	D59
EC300	EC-300	D59
EC350	EC-350	D59
EC400	EC-400	D59
EC50	EC-50	D59
EC75	EC-75	D59
EMTB100	TPB-100	D70
EMTB125	TPB-125	D70
EMTB150	TPB-150	D70
EMTB200	TPB-200	D70
EMTB250	TPB-250	D70
EMTB300	TPB-300	D70
EMTB350	TPB-350	D70
EMTB400	TPB-400	D70
EMTB50	TPB-50	D70
EMTB75	TPB-75	D70
FF100	FR-100	D25, D79
FF125	FR-125	D25, D79
FF150	FR-150	D25, D79
FF200	FR-200	D25, D79
FF50	FR-50	D25, D79
FF75	FR-75	D25, D79
GBL100	GBLL-100	D27, D69
GBL125	GBLL-125	D27, D69
GBL150	GBLL-150	D27, D69

DOTTIE®

DOTTIE	ORBIT	PAGE
GBL200	GBLL-200	D27, D69
GBL250	GBLL-250	D27, D69
GBL300	GBLL-300	D27, D69
GBL350	GBLL-350	D27, D69
GBL400	GBLL-400	D27, D69
GBL50	GBLL-50	D27, D69
GBL75	GBLL-75	D27, D69
GFDR	2C-GD	C6
GFH1	1C-GH	C4
GFSR	2C-GS	C6
GFV1	1C-GV	C4
GN100	G-100	D43
GN125/150	G-125/150	D43
GN200	G-200	D43
GN250/300	G-250/300	D43
GN350/400	G-350/400	D43
GN50	G-50	D43
GN75	G-75	D43
GP1050	GS-1032-PT-10	A37
GP1250	GS-1032-PT-12	A37
■	GS-1032-PT	A37
GPS775	PTST-8	A37
GR12	GRC-50	D31
GR34	GRC-75	D31
GR58	GRC-58	D31
HUB100L	H-100	D31
HUB50L	H-50	D31
HUB75L	H-75	D31
HW100/MHW100	SR1-100	D57
HW125	SR1-125	D57
HW150	SR1-150	D57
HW200	SR1-200	D57
HW401	SR2-50	D57
HW402	SR2-75	D57
HW403	SR2-100	D57
HW404	SR2-125	D57
HW405	SR2-150	D57
HW406	SR2-200	D57
HW407	SU2-250	D56, D57
HW408	SU2-300	D56, D57
HW409	SU2-350	D56, D57
HW410	SU2-400	D56, D57
K6CO	KIT-10PAK	D77
KO100	KO-100	D61
KO125	KO-125	D61
KO150	KO-150	D61
KO200	KO-200	D61
KO50	KO-50	D61
KO75	KO-75	D61
LB100	LB-100	D36
LB100CG	LB-100A	D33
LB100M	MLB-100	D38
LB125	LB-125	D36
LB125CG	LB-125A	D33
LB125M	MLB-125	D38
LB150	LB-150	D36
LB150CG	LB-150A	D33
LB150M	MLB-150	D38
LB200	LB-200	D36
LB200CG	LB-200A	D33
LB200M	MLB-200	D38
LB250	LB-250	D36
LB250M	MLB-250	D38
LB300	LB-300	D36
LB300M	MLB-300	D38
LB350	LB-350	D36
LB400	LB-400	D36
LB400M	MLB-400	D38
LB50	LB-50	D36
LB50CG	LB-50A	D33
LB50M	MLB-50	D38
LB75	LB-75	D36
LB75CG	LB-75A	D33
LB75M	MLB-75	D38
LL100	LL-100	D36
LL100CG	LL-100A	D33
LL100M	MLL-100	D39
LL125	LL-125	D36
LL125CG	LL-125A	D33
LL125M	MLL-125	D39
LL150	LL-150	D36

DOTTIE	ORBIT	PAGE
LL150CG	LL-150A	D33
LL150M	MLL-150	D39
LL200	LL-200	D36
LL200CG	LL-200A	D33
LL200M	MLL-200	D39
LL250	LL-250	■
LL250M	MLL-250	D39
LL300	LL-300	D36
LL300M	MLL-300	D39
LL350M	MLL-350	D39
LL400	LL-400	D36
LL400M	MLL-400	D39
LL50	LL-50	D36
LL50CG	LL-50A	D33
LL50M	MLL-50	D39
LL75	LL-75	D36
LL75CG	LL-75A	D33
LL75M	■	D39
LN100	SLN-100	D71
LN125	SLN-125	D71
LN150	SLN-150	D71
LN200	SLN-200	D71
LN250	SLN-250	D71
LN300	SLN-300	D71
LN350	SLN-350	D71
LN400	SLN-400	D71
LN50	SLN-50	D71
■	SLN-500	D71
LN600	SLN-600	D71
LN75	SLN-75	D71
LNS100	SSLN-100	D71
LNS125	SSLN-125	D71
LNS150	SSLN-150	D71
LNS200	SSLN-200	D71
LNS250	SSLN-250	D71
LNS300	SSLN-300	D71
LNS350	SSLN-350	D71
LNS400	SSLN-400	D71
LNS50	SSLN-50	D71
LNS75	SSLN-75	D71
LR100	LR-100	D37
LR100CG	LR-100A	D34
LR100M	MLR-100	D39
LR125	LR-125	D37
LR125CG	LR-125A	D34
LR125M	MLR-125	D39
LR150	LR-150	D37
LR150CG	LR-150A	D34
LR150M	MLR-150	D39
LR200	■	D37
■	LR-200A	D34
LR200M	MLR-200	D39
LR250	LR-250	D37
LR250M	MLR-250	■
LR300	LR-300	D37
LR300M	MLR-300	D39
LR350M	MLR-350	D39
LR400	LR-400	D37
LR400M	MLR-400	D39
LR50	LR-50	D37
LR50CG	LR-50A	D34
LR50M	MLR-50	D39
LR75	LR-75	D37
LR75CG	LR-75A	D34
LR75M	MLR-75	D39
LT100	LT-100	D18
LT100I	LTI-100	D18
LT125	LT-125	D18
LT125I	LTI-125	D18
LT150	LT-150	D18
LT150I	■	D18
LT200	LT-200	D18
LT200I	LTI-200	D18
LT250I	LTI-250	D18
LT300I	LTI-300	D18
LT350I	LTI-350	D18
LT38	LT-38	D18
LT38I	LTI-38	D18
LT400I	LTI-400	D18
LT50	LT-50	D18
LT50I	LTI-50	D18

DOTTIE	ORBIT	PAGE
LT75	LT-75	D18
LT75I	LTI-75	D18
LT90100	LT90-100	D20
LT90100I	LT90-100	D20
LT90125	LT90-125	D20
LT90125I	LT90-125	D20
LT90150	LT90-150	D20
LT90150I	LT90-150	D20
LT90200	LT90-200	D20
LT90200I	LT90-200	D20
■	LT90-250	D20
LT90300I	LT90-300	D20
LT90350I	LT90-350	D20
LT9038	LT90-38	D20
LT9038I	LT90-38	D20
LT90400I	LT90-400	D20
LT9050	LT90-50	D20
LT9050I	LT90-50	D20
LT9075	LT90-75	D20
LT9075I	LT90-75	D20
MHW50	SR1-50	D57
MHW75	SR1-75	D57
MTW50	SE1-50	D56
MTW75	SE1-75	D56
NLT100	■	D17
NLT125	NMLT-125	D17
NLT150	NMLT-150	D17
NLT200	NMLT-200	D17
NLT50	NMLT-50	D17
NLT75	NMLT-75	D17
NLT90100	NMLT90-100	D17
NLT90125	NMLT90-125	D17
NLT90150	NMLT90-150	D17
NLT90200	NMLT90-200	D17
■	NMLT90-50	D17
NLT9075	NMLT90-75	D17
NMC50	NM-50	D11, P28
NSR100L	NGC100-709/984	D16
NSR12L	NGC50-384/551	D16
NSR34L	NGC75-551/709	D16
NSR38L	NGC38-197/394	D16
NT100	RT-100	D22
NT125	RT-125	D22
NT150	RT-150	D22
NT200	RT-200	D22
NT50	RT-50	D22
NT75	RT-75	D22
NTC100	RTC-100	D23
NTC125	RTC-125	D23
NTC150	RTC-150	D23
NTC200	RTC-200	D23
NTC50	RTC-50	D23
NTC75	RTC-75	D23
ON100	ON-100	D62
ON125	ON-125	D62
ON150	ON-150	D62
ON200	ON-200	D62
ON50	ON-50	D62
ON75	ON-75	D62
PB100	PB-100	D67
PB125	PB-125	D67
PB150	PB-150	D67
PB200	PB-200	D67
PB250	PB-250	D67
PB300	PB-300	D67
PB350	PB-350	D67
PB400	PB-400	D67
PB50	PB-50	D67
PB500	PB-500	D67
PB600	PB-600	D67
PB75	PB-75	D67
PE1	PE-50	D32
PE2	PE-75	D32
PE3	PE-100	D32
PH100B	PH-100B	D55
PH110B	■	D55
PH125B	PH-125B	D55
PH150B	PH-150B	D55
PH200B	PH-200B	D55
PH250B	PH-250B	D55
PH300B	PH-300B	D55

DOTTIE	ORBIT	PAGE
PH350B	PH-350B	D55
PH400B	PH-400B	D55
PH50B	PH-50B	D55
PH75B	PH-75B	D55
PL25	GCBR-50/100	D29
PS1212	SPH-12	A38, D76
PS1218	SPH-18	A38, D76
PS1224	SPH-24	A38, D76
PS129	SPH-9	A38, D76
PS1612	SP-12	A38, D76
PS1618	SP-18	A38, D76
PS1624	SP-24	A38, D76
PS169	SP-9	A38, D76
QL50	SPH-18	D14, P27
QL50DUP	FLD-50	D14, P27
QL75	FLC-75L	D14, P27
R351	RB-50/38	D67
R352	RB-75/50	D67
R353	RB-100/50	D67
R354	RB-100/75	D67
R355	RB-125/50	D67
R356	RB-125/75	D67
R357	RB-125/100	D67
R358	RB-150/50	D67
R359	RB-150/75	D67
R360	RB-150/100	D67
R361	RB-150/125	D67
R362	RB-200/50	D67
R363	RB-200/75	D67
R364	RB-200/100	D67
R365	RB-200/125	D67
R366	RB-200/150	D67
R368	RB-300/200	D67
R369	RB-300/250	D67
RJ100	RJ-100	D77
RJ125	RJ-125	D77
RJ150	RJ-150	D77
RJ200	RJ-200	D77
RJ300	RJ-300	D77
RJ400	RJ-400	D77
RJ50	RJ-50	D77
RJ75	RJ-75	D77
RO1	RC-1	C11
RO2	RC-2	C11
RO3	RC-3	C11
RR1	RE-1	C5
RR2	RE-2	C5
RR3	RE-3	C5
RW101	RW-400/50	D73
RW102	RW-400/75	D73
RW103	RW-400/100	D73
RW104	RW-400/125	D73
RW105	RW-400/150	D73
RW106	RW-400/200	D73
RW107	RW-400/250	D73
RW108	RW-400/300	D73
RW109	RW-400/350	D73
RW21	RW-75/50	D73
RW31	RW-100/50	D73
RW32	RW-100/75	D73
RW41	RW-125/50	D73
RW42	RW-125/75	D73
RW43	RW-125/100	D73
RW51	RW-150/50	D73
RW52	RW-150/75	D73
RW53	RW-150/100	D73
RW54	RW-150/125	D73
RW61	RW-200/50	D73
RW62	RW-200/75	D73
RW63	RW-200/100	D73
RW64	RW-200/125	D73
RW65	RW-200/150	D73
RW71	RW-250/50	D73
RW72	RW-250/75	D73
RW73	RW-250/100	D73
RW74	RW-250/125	D73
RW75	RW-250/150	D73
RW76	RW-250/200	D73
RW81	RW-300/50	D73
RW82	RW-300/75	D73
RW83	RW-300/100	D73

DOTTIE®

DOTTIE	ORBIT	PAGE
RW84	RW-300/125	D73
RW85	RW-300/150	D73
RW86	RW-300/200	D73
RW87	RW-300/250	D73
RW91	RW-350/50	D73
RW92	RW-350/75	D73
RW93	RW-350/100	D73
RW94	RW-350/125	D73
RW95	RW-350/150	D73
RW96	RW-350/200	D73
RW97	RW-350/250	D73
RW98	RW-350/300	D73
S1	SH-2	A41, D78
SBS165	SBS	A37, D76, P25
SC100	SC-100	D43
SC100U	ST-100	D55
SC125/150	SC-125/150	D43
SC125U	ST-125	D55
SC150U	ST-150	D55
SC200	SC-200	D43
SC200U	ST-200	D55
SC250/300	SC-250/300	D43
SC350/400	SC-350/400	D43
SC50	SC-50	D43
SC50U	ST-50	D55
SC75	SC-75	D43
SC75U	ST-75	D55
SL100	MLT-100	D18
SL100I	MLTI-100	D18
SL125	MLT-125	D18
SL125I	MLTI-125	D18
SL150	MLT-150	D18
SL150I	MLTI-150	D18
SL200	MLT-200	D18
SL200I	MLTI-200	D18
SL250I	MLTI-250	D18
SL300I	MLTI-300	D18
SL350I	MLTI-350	D18
SL38	MLT-38	D18
SL38I	MLTI-38	D18
SL400I	MLTI-400	D18
SL45100	MLT45-100	D19
SL45100I	MLT45-100	D19
SL45125	MLT45-125	D19
SL45125I	MLT45-125	D19
SL45150	MLT45-150	D19
SL45150I	MLT45-150	D19
SL45200	MLT45-200	D19
SL45200I	MLT45-200	D19
SL45250I	MLT45-250	D19
SL45300I	MLT45-300	D19
SL45350I	MLT45-350	D19
SL4538	MLT45-38	D19
SL4538I	MLT45-38	D19
SL45400I	MLT45-400	D19
SL4550	MLT45-50	D19
SL4550I	MLT45-50	D19
SL4575	MLT45-75	D19
SL4575I	MLT45-75	D19
SL50	MLT-50	D18
SL50I	MLTI-50	D18
SL75	MLT-75	D18
SL75I	MLTI-75	D18
SL90100	MLT90-100	D21
SL90100I	MLTI90-100	D21
SL90125	MLT90-125	D21
SL90125I	MLTI90-125	D21
SL90150	MLT90-150	D21
SL90150I	MLTI90-150	D21
SL90200	MLT90-200	D21
SL90200I	MLTI90-200	D21
SL90250I	MLTI90-250	D21
SL90300I	MLTI90-300	D21
SL90350I	MLTI90-350	D21
SL9038	MLT90-38	D21
SL9038I	MLTI90-38	D21
SL90400I	MLTI90-400	D21
SL9050	MLT90-50	D21
SL9050I	MLTI90-50	D21
SL9075	MLT90-75	D21
SL9075I	MLTI90-75	D21

DOTTIE	ORBIT	PAGE
SLB100	SLB-100	D35
SLB125	SLB-125	D35
SLB150	SLB-150	D35
SLB200	SLB-200	D35
SLB50	SLB-50	D35
SLB75	SLB-75	D35
SR1	1C-SV	C4
SR2	2C-2S	C6
SRDR	2C-SD	C6
SSN25	SNR-1420	D78
SSN38	SNR-3816	D78
SSN50	SNR-1213	D78
T100	T-100	D38
T100CG	T-100A	D35
T100M	MT-100	D40
T125	T-125	D38
T125CG	T-125A	D35
T125M	MT-125	D40
T150	T-150	D38
T150CG	T-150A	D35
T150M	MT-150	D40
T200	T-200	D38
T200CG	T-200A	D35
T200M	MT-200	D40
T250	T-250	D38
T250M	MT-250	D40
T300	T-300	D38
T300M	MT-300	D40
T350M	MT-350	D40
T400	T-400	D38
T400M	MT-400	D40
T50	T-50	D38
T50CG	T-50A	D35
T50M	MT-50	D40
T75	T-75	D38
T75CG	T-75A	D35
T75M	MT-75	D40
TP50	PL-50	C15
TP75	PL-75	C15
TSC1	1C-SW-NS	C4
TW100/MTW100	SE1-100	D56
TW125	SE1-125	D56
TW14	S1-25	D56
TW150	SE1-150	D56
TW200	SE1-200	D56
TW250	SU1-250	D56, D57
TW300	SU1-300	D56, D57
TW301	SE2-50	D56
TW302	SE2-75	D56
TW303	SE2-100	D56
TW304	SE2-125	D56
TW305	SE2-150	D56
TW306	SE2-200	D56
TW350	SU1-350	D56, D57
TW38	S1-38	D56
TW400	SU1-400	D56, D57
TW501	SE1-50L	D56
TY164	TW	A41, D79
W05	RB50-5	C11
W2503	2B50-3	C8
W2504	2B50-4	C8
W2505	2B50-5	C8
W2753	2B75-3	C8
W2754	2B75-4	C8
W2755	2B75-5	C8
W503	1B50-3	C7
W504	1B50-4	C7
W505	1B50-5	C7
W753	1B75-3	C7
W754	1B75-4	C7
W755	1B75-5	C7
WD503	1DB50-3	C7
WD753	1DB75-3	C7
WDK8	KIT-8EZ	D77
WTH100	WH-100	D60
WTH125	WH-125	D60
WTH150	WH-150	D60
WTH200	WH-200	D60
WTH250	WH-250	D60
WTH300	WH-300	D60
WTH350	WH-350	D60

DOTTIE	ORBIT	PAGE
WTH400	WH-400	D60
WTH50	WH-50	D60
WTH75	WH-75	D60
WTHGL100	WHG-100	D60
WTHGL125	WHG-125	D60
WTHGL150	WHG-150	D60
WTHGL200	WHG-200	D60
WTHGL250	WHG-250	D60
WTHGL300	WHG-300	D60
WTHGL350	WHG-350	D60
WTHGL400	WHG-400	D60
WTHGL50	WHG-50	D60
WTHGL75	WHG-75	D60

CADDY®

CADDY	ORBIT	PAGE
512	BHT-1	A39, D74, P15
005275150PL	SP-1	A38, D76
005275150PL	SP-1-500	A38, D76
005550150PL	SP-6	A38, D76
0070050EG	SR1-50	D57
0070075EG	SR1-75	D57
0070100EG	SR1-100	D57
0070125EG	SR1-125	D57
0070150EG	SR1-150	D57
0070200EG	SR1-200	D57
0080050EG	SR2-50	D57
0080075EG	SR2-75	D57
0080100EG	SR2-100	D57
0080125EG	SR2-125	D57
0080150EG	SR2-150	D57
0080200EG	SR2-200	D57
0080250EG	SU2-250	D56, D57
0080300EG	SU2-300	D56, D57
0080400EG	SU2-400	D56, D57
512A	BHT-1A	A39, D74, P15
512HD	BH-3	A39, D74, P15
766	ABS-6	A40, D75
766A	ABS	A40, D75
770	JC-12	A41, D78
771	SH-2	A41, D78
B18SBT18	BCHS-10	P14
B18SBT18Z	BCHS-6	P14
BC200	BC-25	D55, D78
BC400	BC-38	D55, D78
BHC	BHT-C	A39, D74
C23	BMA-23	P10
C4	BMA-4	P10
CD0-B	PH-50B	D55
CD1-B	PH-75B	D55
CD2.5-B	PH-105B	D55
CD2-B	PH-100B	D55
CD3-B	PH-125B	D55
CD4-B	PH-150B	D55
CD5-B	PH-200B	D55
CD6-B	PH-250B	D55
CD7-B	PH-300B	D55
CD8-B	PH-350B	D55
CD9-B	PH-400B	D55
CJ6	CS-CJ6	D58, P28
DS12A	SBS	A37, D76, P25
EPS0050EG	SE1-50L	D56
EPS0075EG	SE1-75	D56
EPS0100EG	SE1-100	D56
EPS0125EG	SE1-125	D56
EPS0150EG	SE1-150	D56
EPS0200EG	SE1-200	D56
ESG1	PUSG	D70
FMBS18	USB	P5
HMZH665	H-SCREW	A41, D77
LFC	FH-S	A41, D78
MP1S	LVSb1	A39, P1, P5
MP2S	LVSb2	A39, P1, P5
MPLS	LVWP1	A39
MPLS2	LVWP2	A39
RBS16	FMB-16	P9
RBS16	MBBH-16	P9
RBS24	FMB-24	P9
RBS24	MBBH-24	P9

CADDY	ORBIT	PAGE
RLC	DLR-1G	A37
SCH12B	STS-75	D55
SCH16B	STS-100	D55
SCH20B	STS-125	D55
SCH24B	STS-150	D55
SCH32B	STS-200	D55
SCH48B	STS-250	D55
SCH56B	STS-300	D55
SCH64B	STS-350	D55
SCH6B	STS-50	D55
SCH72B	STS-400	D55
SK125I	ST-75	D55
SK165I	ST-100	D55
SK205I	ST-125	D55
SK245I	ST-150	D55
SK325I	ST-200	D55
SK405I	ST-250	D55
SK485I	ST-300	D55
SK565I	ST-350	D55
SK645I	ST-400	D55
SK85I	ST-50	D55
STS2346	UMA-LVBS	P1
TSGB16	BHA-16	A40, D75, P3
TSGB24	BHA-24	A40, D75, P3
TSGLDR1	BARB	A40, P4
TSRBS1625	TSB	P3

MULBERRY®

MULBERRY	ORBIT	PAGE
10001	HBC-B	A32
10002	HBC-DR	A32
10003	HBC-SR	A32
10004	HBC-TS	A32
10005	HBC-BK	A32
10009	HBC-PO	A32
10013	HBC-GFI	A32
10082	4M2-B	A27
10083	4M3-B	A27
10084	4M4-B	A27
10085	4M5-B	A27
10086	4M6-B	A27
10087	4M7-B	A27
10088	4M8-B	A27
10089	4M9-B	A27
10092	4M2-TS	A27
10094	4M4-TS	A27
10095	4M5-TS	A27
10096	4M6-TS	A27
11001	3RBC	A2
11101	4RBC	A5
11103	4RBC	A5
11105	4RC-DR	A5
11106	4RC-SR	A5
11108	4RC-TS	A5
11201	4BC	A12
11203	4BCK	A12
11214	43058	A12
11215	43050	A12
11221	41000	A12
11224	41025	A12
11227	41058	A12
11228	41075	A12
11235	42000	A12
11238	42025	A12
11241	42058	A12
11262	41050	A12
11266	41200	A12
11271	42050T	A12
11275	42150	A12
11276	42200	A12
11301	5BC	A18
11303	5BCK	A18
11314	53058	A18
11321	51025	A19
11327	51058	A19
11337	52025	A19
11341	52058	A19
11365	51150	A19
11366	51200	A19
11375	52150	A19
11376	52200	A19

MULBERRY®

MULBERRY	ORBIT	PAGE
11400	4400	A13
11401	4401	A13
11402	4402	A13
11403	4403	A13
11410	4411	A13
11411	4422	A13
11412	4433	A13
11413	4412	A13
11414	4413	A13
11415	4423	A13
11421	4405	A13
11422	4407	A13
11425	4406	A13
11426	4408	A13
11427	4409	A13
11432	4404	A13
11433	4444	A13
11435	4424	A13
11436	4414	A13
11501	5501	A20
11502	5502	A20
11503	5503	A20
11510	5511	A20
11511	5522	A20
11513	5512	A20
11521	5505	A20
11532	5504	A20
11533	5544	A20
11536	5514	A20
11720	G-50	D43
11721	G-75	D43
11722	G-100	D43
11724	G-200	D43
11901	SLB-75	D35
11902	SLB-100	D35
11903	SLB-125	D35
11904	SLB-150	D35
11905	SLB-50	D35
11906	SLB-200	D35
12801	LB-50A	D33
12802	LB-75A	D33
12803	LB-100A	D33
12804	LB-125A	D33
12805	LB-150A	D33
12806	LB-200A	D33
12812	LL-50A	D33
12812	LL-75A	D33
12813	LL-100A	D33
12814	LL-125A	D33
12815	LL-150A	D33
12816	LL-200A	D33
12821	LR-50A	D34
12822	LR-75A	D34
12823	LR-100A	D34
12824	LR-125A	D34
12825	LR-150A	D34
12826	LR-200A	D34
12831	C-50A	D34
12832	C-75A	D34
12833	C-100A	D34
12834	C-125A	D34
12835	C-150A	D34
12836	C-200A	D34
12841	T-50A	D35
12842	T-75A	D35
12843	T-100A	D35
12844	T-125A	D35
12845	T-150A	D35
12846	T-200A	D35
30027	WG-38	C15
30212	1B75-4	C7
30215	1B50-5	C7
30218	1B75-5	C7
30221	1B50-5X	C7
30224	1B75-5X	C7
30229	EXR-1	C10
30230	EXB50-4	C10
30233	2B50-3	C8
30236	2B75-3	C8
30239	2B50-4	C8
30242	2B75-4	C8

MULBERRY	ORBIT	PAGE
30245	2B50-5	C8
30248	2B75-5	C8
30251	2B50-5X	C8
30254	2B75-5X	C8
30260	2B75-6X	C8
30263	2B50-7X	C8
30266	2B75-7X	C8
30273	EXR-2	C10
30274	EXF50-2	C10
30275	EXF50-6	C10
30278	1-BC-G	C4
30283	2-BC-G	C6
30288	EXF75-4	C10
30290	PL-50	C15
30292	PL-75	C15
30294	PL-100	C15
30316	RB50-5	C11
30333	RB75-5	C11
30335	EXR50-4	C11
30335	EXR75-4	C11
30351	RE-1	C5
30356	RE-2	C5
30361	RE-3	C5
30367	RC-1	C11
30372	RC-2	C11
30377	RC-3	C11
30381	G-R	C11
30385	SJB100-3	C13
30387	SJB-75/100	C13
30451	1C-GH	C4
30452	2C-2G	C6
30458	2C-2D	C6
30461	2C-2S	C6
30464	3C-3D	C6
30465	3C-3S	C6
30468	2C-SD	C6
30470	2C-GS	C6
30472	2C-GD	C6
30480	1CA-SW15	C4
30482	1CA-SW20	C4
30492	2CA-SW15	C6
30501	1C-DH	C4
30505	1C-SH	C4
30509	1CL-SV	C5
30554	1C-GV	C4
30583	1DB50-3	C7
30584	1DB75-3	C7
30586	1DB50-4	C7
30587	1DB75-4	C7
30589	1DB100-3	C7
30593	2DB50-5	C8
30595	2DB75-5	C8
30596	2DB100-5	C8
30601	3DB75-7	C9
30703	1B50-3	C7
30706	1B75-3	C7
30709	1B50-4	C7
40005	RW-75/50	D73
40006	RW-100/50	D73
40007	RW-100/75	D73
40008	RW-125/50	D73
40009		D73
40010	RW-125/100	D73
40011	RW-150/50	D73
40012	RW-150/75	D73
40013	RW-150/100	D73
40014	RW-150/125	D73
40015	RW-200/50	D73
40016	RW-200/75	D73
40017	RW-200/100	D73
40018	RW-200/125	D73
40019	RW-200/150	D73
40024	RW-250/150	D73
40025	RW-250/200	D73
40031	RW-300/200	D73
40032	RW-300/250	D73
40046	RW-400/200	D73
40048	RW-400/300	D73
40111	RB-75/50	D67
40319	GS-1032	A37
90443	OP226	E29

MULBERRY	ORBIT	PAGE
90512	OP17	E29
90522	OP113	E29
90542	OP813	E29
90543	OP28	E29
90672	OP826	E29
90834	OPJ26	E31
97071	OS1	E32
97072	OS2	E32
97073	OS3	E32
97074	OS4	E32
97091	OS705	E33
97101	OS8	E32
97102	OS82	E32
97151	OS13	E32
97152	OS23	E32
97401	OS26	E32
97402	OS262	E32
97403	OS263	E32
97404	OS264	E32
97432	OS126	E33
97532	OS18	E33

CORONA LIGHTING®

CORONA	ORBIT	PAGE
CL301-BK	5010-50PK-BK	G17
CL301-BR	B5010-50PK	G16
CL301-SS	SS5010-50PK	G16
CL301-VG	5010-50PK-VG	G17
CL302-BK	5011-50PK-BK	G17
CL302-BR	B5011-50PK	G16
CL302-SS	SS5011-50PK	G16
CL302-VG	5011-50PK-VG	G17
CL303-BK	5012-50PK-BK	G17
CL303-BR	B5012-50PK	G16
CL303-SS	SS5012-50PK	G16
CL303-VG	5012-50PK-VG	G17
CL305-BK	5110-BK	G18
CL305-NM	FG5110	G18
CL306-BK	5112-BK	G18
CL311-BK	5010AP-BK	G17
CL311-BR	B510	G30
CL311-NM	FG5010AP-BK	G17
CL-311-SS	SS510	G31
CL313-BR	5500	G33
CL324-BK	5010-BK	G17
CL324-BR	B5010	G16
CL324-NM	FG5010-BK	G17
CL324-SS	SS5010	G16
CL325-BK	5011-BK	G17
CL325-BR	B5011	G16
CL325-NM	FG5011-BK	G17
CL325-SS	SS5011	G16
CL326-BK	5012-BK	G17
CL326-BR	B5012	G16
CL326-NM	FG5012-BK	G17
CL326-SS	SS5012	G16
CL328-SS	5010S	G20
CL331-BR	B5010AP	G16
CL331-SS	SS5010AP	G16
CL332-BK	5011AP-BK	G17
CL332-BR	B5011AP	G16
CL332-NM	FG5011AP-BK	G17
CL332-SS	SS5011AP	G16
CL333-BK	5012AP-BK	G17
CL333-BR	B5012AP	G16
CL333-NB	FG5012AP-BK	G17
CL333-SS	SS5012AP	G16
CL350-BK	7110C-BK	G24
CL350-BZ	7110C-BR	G24
CL350-PB	7110C-AB	G24
CL350-SI	7110C-SS	G24
CL351-BK	7112C-BK	G24
CL351-PB	7112C-AB	G24
CL351-SI	7112C-SS	G24
CL351-WH	7112C-WH	G24
CL352-BK	7012-BK	G29
CL352-BR	B7012	G29
CL352-BZ	7012-BR	G29
CL352-SS	SS7012	G29

CORONA	ORBIT	PAGE
CL352-WH	7012-WH	G29
CL353-BK	7011-BK	G29
CL353-BR	B7011	G29
CL353-BZ	7011-BR	G29
CL353-SS	SS7011	G29
CL353-WH	7011-WH	G29
CL355-BK	5013-BK	G17
CL355-WH	5013-WH	G17
CL360-AB	B600C-ARB	G22
CL360-SI	B600C-SS	G22
CL361-AB	B601C-ARB	G22
CL361-SI	B601C-SS	G22
CL367-AB	B701C-ARB	G23
CL367-SI	B701C-SS	G23
CL387-BK	9013-BK	G21
CL502-BK	1020-BK	G6
CL502-BZ	1020-BR	G6
CL502-NM	FG1020-BK	G6
CL502-VG	1020-VG	G6
CL502-WH	1020-WH	G6
CL503-BK	1021-BK	G6
CL503-BZ	1021-BR	G6
CL503-GR	1021-G	G6
CL503-NM	FG1021-BK	G6
CL503-VG	1021-VG	G6
CL503-WH	1021-WH	G6
CL505-BK	S131-BK	G5
CL505-BZ	S131-BR	G5
CL505-GT	S131-SA	G5
CL505-RT	S131-R	G5
CL505-VG	S131-VG	G5
CL509-BK	6011-BK	G7
CL509-BZ	6011-BR	G7
CL509-VG	6011-VG	G7
CL512-SS	SS111	G8
CL515-BK	S130-BK	G5
CL515-BZ	S130-BR	G5
CL515-RT	S130-R	G5
CL515-VG	S130-VG	G5
CL515-WH	S130-WH	G5
CL521 B-BR	B102-AB	G2
CL525B-AB	B171-ARB	G4
CL525B-BR	B171-AB	G4
CL602-BK	2020-BK	G9
CL602-GR	2020-G	G9
CL602-VG	2020-VG	G9
CL603-BK	2030-BK	G9
CL603-GR	2030-G	G9
CL603-VG	2030-VG	G9
CL604-BK	2040-BK	G10
CL604-GR	2040-G	G10
CL604-VG	2040-VG	G10
CL616-BK	S215-BK	G12
CL616-BZ	S215-BR	G12
CL616-RT	S215-R	G12
CL616-VG	S215-VG	G12
CL620-BK	3011C-BK	G21
CL624-BK	S225-BK	G13
CL624-BZ	S225-BR	G13
CL624-VG	S225-VG	G13
CL625-BK	S224-BK	G13
CL625-BZ	S224-BR	G13
CL625-VG	S224-VG	G13
CL645B-AB	B183C-ARB	G11
CL649B-AB	B225-ARB	G12
CL650B-AB	B224-ARB	G12
CL655B-AB	B182C-ARB	G11
CL656B-AB	B185C-ARB	G11
CL-658B-AB	B184C-ARB	G11
CL701-BK	S220-BK	G15
CL701-VG	S220-VG	G15
CL702-BK	S221-BK	G15
CL702-VG	S221-VG	G15
CL715B-AB	B104-ARB	G15
CL715B-BR	B104-AB	G15
CX366-AB	B700C-ARB	G23
CX366-SI	B700C-SS	G23
CX866-BK		G24
CX866-BZ	7110C-BR	G24
CX866-PB	7110C-AB	G24
CX866-SI	7110C-SS	G24

CORONA LIGHTING®

CORONA	ORBIT	PAGE
CX866-WH	7110C-WH	G24
CX872-AB	B600C-ARB	G22
CX872-SI	B600C-SS	G22
CX873-AB	B601C-ARB	G22
CX873-SI	B601C-SS	G22
CX878-AB	B700C-ARB	G23
CX878-SI	B700C-SS	G23
CX879-AB	B701C-ARB	G23
WS40-BK	P639	H3

FOCUS INDUSTRIES®

FOCUS	ORBIT	PAGE
AL-03-03-10-BLT	2031-BK	G10
AL-03-03-10-BRT	2031-BZ	G10
AL-03-03-10-HTX	2031-G	G10
AL-03-03-10-RBV	2031-VG	G10
AL-03-3T-B LT	2030-BK	G9
AL-03-3T-BRT	2030-BZ	G9
AL-03-3T-CAM	2030-SA	G9
AL-03-3T-HTX	2030-G	G9
AL-03-3T-RBV	2030-VG	G9
AL-03-4T-B LT	2040-BK	G10
AL-03-4T-BRT	2040-BZ	G10
AL-03-4T-HTX	2040-G	G10
AL-03-4T-RBV	2040-VG	G10
AL-03-BLT	2020-BK	G9
AL-03-BRT	2020-BZ	G9
AL-03-HTX	2020-G	G9
AL-03-RBV	2020-VG	G9
AL-04-RBV	S215-VG	G12
AL-06-BLT	S225-BK	G13
AL-06-BRT	S225-BR	G13
AL-06-CAM	S225-SA	G13
AL-06-RBV	S225-VG	G13
AL-06-RST	S225-R	G13
AL-06-SM-BLT	S224-BK	G13
AL-06-SM-CAM	S224-SA	G13
AL-06-SM-RBV	S224-VG	G13
AL-06-SM-RST	S224-R	G13
AL-13-DM-COP	B225-AZ	G12
AL-13-SM-COP	B224-AZ	G12
C/DL-38-NL-EC-BRT	FGHL38	H5
CDL-21	FG126	G3
DL-17-BLT	1071-BK	G4
DL-17-BRS	B105-AB	G8
DL-17-HTX	1071-G	G4
DL-17-RBV	1071-VG	G4
DL-17-WTX	1071-WH	G4
DL-20-AC-BLT	1061-BK	G8
DL-20-AC-VG	1061-VG	G8
DL-20-NL-EC-BLT	HL20-BK	H4
DL-20-NL-EC-HTX	HL20-G	H4
DL-20-N L-EC-WTX	HL20-WH	H4
DL-21-BRS	B126-AB	G3
DL-21-BRT	S126-BZ	G3
DL-21-BRT	FG126	G3
DL-21-CAM	S126-SA	G3
DL-21-RBV	S126-VG	G3
DL-21-RST	S126-R	G3
DL-22-BRZ	B171-AB	G4
DL-22-CAM	S121-SA	G5
DL-22-HTX	S121-G	G5
DL-22-RBV	S121-VG	G5
DL-22-WTX	S121-WH	G5
DL23-BRS	B102-AB	G2
DL-30-NL-EC-BLT	HL30-BK	H4
DL-30-NL-EC-HTX	HL30-G	H4
DL-30-NL-EC-WTX	HL30-WH	H4
DL38-NL-AC-L-BLT	38V-BK	H5
DL38-NL-AC-L-HTX	38V-G	H5
DL38-NL-AC-L-WTX	38V-WH	H5
DL38-NL-EC-BLT	HL38-BK	H5
DL38-NL-EC-WTH	HL38-WH	H5
FA-50-BAV	B601C-AG	G22
FA-50-BRS	B601C-BK	G22
FA-50-BRT	B601C-ARB	G22
FA-50-BRT	B601C-BZ	G22
FA-50-CPR	B601C-SS	G22
FA-51-BAV	B600C-AG	G22

FOCUS	ORBIT	PAGE
FA-51-BLT	B600C-BK	G22
FA-51-BRT	B600C-BZ	G22
FA-53-AVG	B700C-AG	G23
FA-53-BAV	B700C-ARB	G23
FFL-13-HTX	S613-G	H3
FFL-13-WTX	S613-WH	H3
IAL-03-NL-BLT	2033-BK	H1
IAL-03-NL-BRT	2033-BZ	H1
IAL-03-NL-HTX	2033-G	H1
IAL-03-NL-RBV	2033-VG	H1
IAL-04-NL-BLT	2044-BK	H1
IAL-04-NL-BRT	2044-BZ	H1
IAL-04-NL-HTX	2044-G	H1
IAL-04-NL-RBV	2044-VG	H1
PL-02-BRS	B104-AB	G15
PL-04-LEAVES-RST	S221-R	G15
PL-04-RBV	S220-VG	G15
PL-04-RST	B	G15
PL-14-BRS	B107-AG	G14
SL01-SS	B107-AB	G14
SL-02-AL-BAV	5300S	G20
SL-02-AL-BLT	B600C-AG	G22
SL-02-AL-BRT	B600C-BK	G22
SL-02-BAV	B601C-AG	G22
SL-02-BLT	B601C-BK	G22
SL-02-BRS	B601C-ARB	G22
SL-02-WTX	B601C-WH	G22
SL-03-AC-BLT	5010AP-BK	G17
SL-03-EC-AL-BLT	5011AP-BK	G17
SL-04-AL-BAV	B700C-AG	G23
SL-04-BAV	B701C-AG	G23
SL-07-BLT	7011-BK	G29
SL-07-BRS	B7011	G29
SL-07-BRS	B7011	G29
SL-07-BRT	7011-BR	G29
SL-07-RBV	7011-VG	G29
SL-07-WTX	7011-WH	G29
SL-11-AB	5500	G33
SL-14-BLT	9013-BK	G21
SL-14-RBV	9013-VG	G21
SL-20G-NL-120	5212	H6
SL-20L-NL-120	5210	H6
SL-33-AB	B510	G30
SL-33-AB-AC	B511	G30

CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE
100T4	H20	1B75-5X	C7	24244R	B2	3C-3S	C6
10104	B1	1-BC	C4	24244RNK	B2	3CB	A30
10104NK	B1	1-BC-G	C4	24246	B1	3CB-75/100	A30
10104R	B2	1CA-SW	C4	24246NK	B1	3C-U	C3
10104RNK	B2	1CA-SW15	C4	24246R	B2	3DB100-7	C9
10106	B1	1CA-SW20	C4	24246RNK	B2	3DB50-7	C9
10106NK	B1	1C-DH	C4	24248	B1	3DB75-7	C9
10106R	B2	1C-DV	C4	24248NK	B1	3DS15	E22, J13
10106RNK	B2	1C-GH	C4	24248R	B2	3GAR-34	A15, A27, P18
1020	G6	1C-GV	C4	24248RNK	B2	3PB	A2
1021	G6	1CL-DV	C5	25CB	A30	3PB-NM	A2
1051	G5	1CL-GV	C5	2B100-3	C8	3PDB-NM	A2
1061	G8	1CL-SV	C5	2B100-4	C8	3RB-50	A2
1071	G4	1CP-DH	C5	2B100-5X	C8	3RB-50-EXT	A2
1081	G4	1CP-DV	C5	2B50-3	C8	3RB-50-FB	A2
10MR8	G36	1CP-GV	C5	2B50-4	C8	3RBC	A2
1141	G36	1C-PO20	C4	2B50-5	C8	3RBCK	A2
1156	G36	1C-PO30	C4	2B50-5X	C8	3RB-NM	A2
12124	B1	1C-PO40	C4	2B50-6X	C8	3RB-NM-E	A2
12124NK	B1	1CP-SW	C5	2B50-7	C8	3RB-NM-FB	A2
12124R	B2	1C-SH	C4	2B50-7X	C8	3RC-DR	A2
12124RNK	B2	1C-SV	C4	2B50-9	C8	3RC-PO	A2
12126	B1	1C-SW	C4	2B75-3	C8	3RC-SR	A2
12126NK	B1	1C-SW-NS	C4	2B75-4	C8	3RC-TS	A2
12126R	B2	1C-TS	C4	2B75-5	C8	40T10	H20
12126RNK	B2	1C-U	C3	2B75-5X	C8	41000	A12
12128	B1	1DB100-3	C7	2B75-6X	C8	41025	A12
12128NK	B1	1DB100-5X	C7	2B75-7	C8	41050	A12
12128R	B2	1DB50-3	C7	2B75-7X	C8	41050T	A12
12128RNK	B2	1DB50-4	C7	2B75-9	C8	41058	A12
12186	B1	1DB50-5X	C7	2-BC	C6	41075	A12
12186NK	B1	1DB75-3	C7	2-BC-G	C6	41075T	A12
12186R	B2	1DB75-4	C7	2C-2D	C6	41100	A12
12186RNK	B2	1DB75-5X	C7	2C-2G	C6	41100T	A12
16164	B1	1GAB	E2, E9	2C-2S	C6	41125	A12
16164NK	B1	1GX75	A14, A21, P17	2CA-2SW	C6	41125T	A12
16164R	B2	1MFC-B	C12, D52	2CA-SW15	C6	41150	A12
16164RNK	B2	1MFC-D	C12, D52	2CB	A30	41150T	A12
16166	B1	1MFC-TS	C12, D52	2C-DH	C6	41200	A12
16166NK	B1	1MFD-100	C12, D51	2C-GD	C6	41200T	A12
16166R	B2	1MFD-50	C12, D51	2C-GS	C6	42000	A12
16166RNK	B2	1MFD-75	C12, D51	2CL-PO60	C6	42025	A12
16168	B1	1MFDC-100	C12, D51	2C-SD	C6	42050	A12
16168NK	B1	1MFDC-50	C12, D51	2C-U	C3	42050T	A12
16168R	B2	1MFDC-75	C12, D51	2DB100-5	C8	42058	A12
16168RNK	B2	1MFS-100	C12, D51	2DB100-7X	C8	42075	A12
18184	B1	1MFS-50	C12, D51	2DB50-5	C8	42075T	A12
18184NK	B1	1MFS-75	C12, D51	2DB75-5	C8	42100	A12
18184R	B2	1MFSC-100	C12, D51	2DB75-7X	C8	42100T	A12
18184RNK	B2	1MFSC-50	C12, D51	2DS15	E22, J13	42125	A12
18186	B1	1MFSC-75	C12, D51	2EXB50-6	C10	42125T	A12
18186NK	B1	1PB	C9	2EXB50-8	C10	42150	A12
18186R	B2	1PC	C9	2EXB75-6	C10	42150T	A12
18186RNK	B2	1SFC-B	C12, D52	2EXB75-8	C10	42200	A12
18188	B1	1SFC-D	C12, D52	2GX75	A14, A21, P17	42200T	A12
18188NK	B1	1SFC-G	C12, D52	2PB	C9	43000	A12
18188R	B2	1SFC-TS	C12, D52	2PC	C9	43050	A12
18188RNK	B2	2020	G9	2TS15	E22	43058	A12
1B100-3	C7	2030	G9	3011C	G21	43075	A12
1B50-3	C7	2031	G10	3018	G21	43100	A12
1B50-4	C7	2033	H1	35CB	A30	43125	A12
1B50-5	C7	2040	G10	35CB-75/100	A30	43150	A12
1B50-5X	C7	2044	H1	38V	H5	43200	A12
1B75-3	C7	20MR8	G36	3-BC	C6	4400	A13
1B75-4	C7	24244	B1	3C-3D	C6	4401	A13
1B75-5	C7	24244NK	B1	3C-3G	C6	4402	A13

CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE
4403	A13	4M8-B	A27	4SB-75	A7	4SP-200	A15
4404	A13	4M8-DR	A27	4SB-75-FB	A7	4ST180HZ2	I18
4405	A13	4M8-GFI	A27	4SB-MC	A8	4ST90HZ2	I18
4406	A13	4M8-TS	A27	4SB-MC-B	A8, P20	4ST90HZ3	I18
4407	A13	4M9-B	A27	4SB-MC-FB	A8	4ST90HZ4	I18
4408	A13	4M9-DR	A27	4SB-MC-FB-PT	A8, P20	4STVT	I18
4409	A13	4M9-GFI	A27	4SB-MC-MS	A8	5010	G17
4411	A13	4M9-TS	A27	4SB-MC-MS-PT	P20	5010-50PK	G17
4412	A13	4PB	A2	4SB-MC-PT	A8, P20	5010AP	G17
4413	A13	4PB-NM	A2	4SB-MC-WB	A8, P20	5010-BRACKET	G17
4414	A13	4R000S	A5	4SB-MKO	A7	5010R	G20
4414C	A13	4R000X	A5	4SB-MKO-AB	A7	5010S	G20
4422	A13	4R050X	A5	4SB-MKO-B	A7	5011	G17
4423	A13	4R058X	A5	4SB-MKO-EHB	A7	5011-50PK	G17
4424	A13	4R075X	A5	4SB-MKO-EXT	A7	5011AP	G17
4424C	A13	4R1000	A5	4SB-MKO-FB	A7	5012	G17
4433	A13	4R100X	A5	4SB-MKO-MS	A7	5012-50PK	G17
444	B1	4R1058	A5	4SB-MKO-OB	A7	5012AP	G17
4444	A13	4R125	A5	4SB-MKO-PT	A7	5013	G17
4444C	A13	4R150	A5	4SB-MKO-WB	A7	5013-50PK	G17
444NK	B1	4R200	A5	4SB-NM	A8	5013AP	G17
444R	B2	4RB-50	A3	4SB-NM-B	A8	50JDR16	H20
444RNC	B2	4RB-50-BHA	A3	4SB-NM-FB	A8	50PK	G38
45LT-D/45LT-D-1212	J14	4RB-50-EXT	A3	4SB-NM-MS	A8	51000	A19
464	B1	4RB-50-FB	A3	4SB-NM-WB	A8	51025	A19
464NK	B1	4RB-50-LB	A3	4SDB-100	A9	51050	A19
464R	B2	4RBC	A5	4SDB-100-FB	A9	51050T	A19
464RNC	B2	4RBC	A5	4SDB-50	A9	51058	A19
4AR1G-34	A15, P18	4RBC-MKO	A5	4SDB-50/75	A9	51075	A19
4AR1G-58	A15, P18	4RBC-R	A5	4SDB-50/75-AB-PT-BSA	A11, P21	51075T	A19
4AR2G-58	A15, P18	4RB-MC	A4	4SDB-50/75-FB	A9	5110	G18
4ARR-34	A15, P18	4RB-MC-BHA	A4	4SDB-50/75-MS	A9	51100	A19
4BC	A12	4RB-MC-E	A4	4SDB-50/75-PT-BSA	A11, P21	51100T	A19
4BCK	A12	4RB-MC-FB	A4	4SDB-50-FB	A9	5112	G18
4BC-MKO	A12	4RB-MC-LB	A4	4SDB-75	A9	51125	A19
4CB	A30	4RB-MKO	A3	4SDB-75/100	A9	51125T	A19
4CB-75/100	A30	4RB-MKO-EXT	A3	4SDB-75-FB	A9	5113	G18
4CB-F	A30	4RB-MKO-FB	A3	4SDB-AMC-PT	A10	5114	G18
4M10-B	A27	4RB-NM	A3	4SDB-BP	A9, P15	51150	A19
4M10-DR	A27	4RB-NM-BHA	A3	4SDB-MC	A10, P19	51150T	A19
4M10-GFI	A27	4RB-NM-E	A3	4SDB-MC-B	A10, P19	51200	A19
4M10-TS	A27	4RB-NM-FB	A3	4SDB-MC-FB	A10	51200T	A19
4M2-B	A27	4RB-NM-LB	A3	4SDB-MC-FB-PT	A10, P19	52000	A19
4M2-DR	A27	4RB-NM-SG	A3	4SDB-MC-MS	A10	52025	A19
4M2-GFI	A27	4RC-DR	A5	4SDB-MC-MS-PT	A10, P19	52050	A19
4M2-TS	A27	4RC-PO	A5	4SDB-MC-PT	P19	52050T	A19
4M3-B	A27	4RC-SR	A5	4SDB-MC-WB	A10, P19	52058	A19
4M3-DR	A27	4RC-TS	A5	4SDB-MKO	A9	52075	A19
4M3-GFI	A27	4RDB-MC	A4	4SDB-MKO-AB-PT-BSA	A11, P21	52075T	A19
4M3-TS	A27	4RDB-MC-FB	A4	4SDB-MKO-AR1G	A11, P21	5210	H6
4M4-B	A27	4RDB-MC-LB	A4	4SDB-MKO-AR2G	A11, P21	52100	A19
4M4-DR	A27	4RDB-MKO	A4	4SDB-MKO-EXT	A9	52100T	A19
4M4-GFI	A27	4RDB-MKO-FB	A4	4SDB-MKO-FB	A9	5212	H6
4M4-TS	A27	4RDB-NM	A4	4SDB-MKO-MS	A9	52125	A19
4M5-B	A27	4RDB-NM-FB	A4	4SDB-MKO-PT	A9, P20	52125T	A19
4M5-DR	A27	4RDB-NM-LB	A4	4SDB-MKO-PT-BSA	A11, P21	5213	H6
4M5-GFI	A27	4SAR1G	A14, P17	4SDB-MKO-WB	A9	5214	H6
4M5-TS	A27	4SAR2G	A14, P17	4SDB-NM	A10	52150	A19
4M6-B	A27	4SB-50	A7	4SDB-NM-B	A10	52150T	A19
4M6-DR	A27	4SB-50/75	A7	4SDB-NM-FB	A10	52200	A19
4M6-GFI	A27	4SB-50/75-EXT	A7	4SDB-NM-WB	A10	52200T	A19
4M6-TS	A27	4SB-50/75-FB	A7	4SDP-100	A15	53000	A18
4M7-B	A27	4SB-50/75-MS	A7	4SDP-200	A15	5300S	G20
4M7-DR	A27	4SB-50/75-PT	A7, P20	4SEDB-CKO	A11	53050	A18
4M7-GFI	A27	4SB-50-EXT	A7	4SEDB-CKO-FB	A11	53058	A18
4M7-TS	A27	4SB-50-FB	A7	4SP-100	A15	53075	A18

CAT. NO.	PAGE
53100	A18
53125	A18
53150	A18
53200	A18
53L	G20
5500	G33
5501	A20
5502	A20
5503	A20
5504	A20
5505	A20
5506	A20
5507	A20
5508	A20
5510	G32
5511	A20
5512	A20
5514	A20
5522	A20
5524	A20
5544	A20
5AR1G-58	A15, A20, P18
5AR2G-58	A15, A20, P18
5BC	A18
5BCK	A18
5BC-MKO	A18
5CB	A30
5SAR1G	A21, P17
5SAR2G	A21, P17
5SDB-100	A17
5SDB-100-FB	A17
5SDB-125	A17
5SDB-50	A17
5SDB-50/75	A17
5SDB-50/75-AB-PT-BSA	A17, P21
5SDB-50/75-EXT	A17
5SDB-50/75-FB	A17
5SDB-50/75-PT-BSA	A17, P21
5SDB-50-FB	A17
5SDB-75	A17
5SDB-75/100	A17
5SDB-75/100-FB	A17
5SDB-75-FB	A17
5SDB-MC	A18, P19
5SDB-MC2-MS	A18, P19
5SDB-MC-FB	A18, P19
5SDB-MC-MS	A18, P19
5SDB-MKO	A17
5SDB-MKO-A-PT	A17
5SDB-MKO-EXT	A17
5SDB-MKO-FB	A17
5SDB-MKO-MS	A17
5SDB-MKO-PT	A17, P20
5SDP-100	A19, P22
5SDP-200	A19, P22
5SLB-2MKO	A18, A23, P22
5SLP-100	A19, P22
5SLP-200	A19, P22
5SSB-MKO	A16
5SSB-MKO-EXT	A16
6011	G7
664	B1
664NK	B1
664R	B2
664RNK	B2
666	B1

CAT. NO.	PAGE
666NK	B1
666R	B2
666RNK	B2
6CB	A30
7011	G29
7012	G29
7050	G29
7053	G29
7100H	G24, G25
7100H-LED	G24, G25
7110C	G24
7112C	G24
7121C	G25
7122C	G25
7210C	G28
7210H	G28
7212C	G28
7603-A19	H8
7605-A19	H9
7606-A19	H9
7607-A19	H9
7613-A19	H8
7614-A19	H8
7615-A19	H9
7711-A19	H8
7817-A19	H8
8300	H11
8330	H11
8340	H11
8402	H11
884	B1
884NK	B1
884R	B2
884RNK	B2
886	B1
886NK	B1
886R	B2
886RNK	B2
9013	G21
A121	G40
ABS	A40, D75
ABS-6	A40, D75
AC-100	D43
AC-125/150	D43
AC-200	D43
AC-250/300	D43
AC-350/400	D43
AC-50	D43
AC-75	D43
AGS-100	D31
AGS-50	D31
AGS-75	D31
AMH-100	D61
AMH-125	D61
AMH-150	D61
AMH-200	D61
AMH-250	D61
ASB-38	D14, P28
ASB-50	D14, P28
ASB-516	D14, P28
ASB-716	D14, P28
ASB-75	D14, P28
B102	G2
B103	G8
B104	G15
B105	G8

CAT. NO.	PAGE
B107	G14
B114	G14
B126	G3
B150SH	G1
B151	G1
B152	G1
B153	G2
B160SH	G2
B171	G4
B181C	G11
B182C	G11
B183C	G11
B184C	G11
B185C	G11
B186C	G11
B18S	G11
B224	G12
B225	G12
B310	G7
B5010	G16
B5010-50PK	G16
B5010AP	G16
B5011	G16
B5011-50PK	G16
B5011AP	G16
B5012	G16
B5012-50PK	G16
B5012AP	G16
B510	G30
B511	G30
B512	G30
B-5BC	A23, P24
B-5SLB	A18, A23, P24
B600C	G22
B601C	G22
B60H	G22
B60H-LED	G22
B610	G7
B700C	G23
B7011	G29
B7012	G29
B701C	G23
B70H	G23
B70H-LED	G23
BAB/OS	G36
BAB/OSL	G36
BAL1400	F25, H17
BAL150HPSKIT	H18
BAL150MH-PSKIT	H18
BAL175MHKIT	H18
BAL250HPSKIT	H18
BAL250MHKIT	H18
BAL250MH-PSKIT	H18
BAL3000	F25, H17
BAL400HPSKIT	H18
BAL400MHKIT	H18
BAL400MH-PSKIT	H18
BAL500	F24, H16
BAL50HPSKIT	H18
BAL650C-2PIN	F24, H16
BAL650C-4PIN	F24, H16
BAL700	F25, H17
BAL70HPSKIT	H18
BAL70MHKIT	H18
BARB	A40, P4
BARB-CS	A40, P4

CAT. NO.	PAGE
BASE	C14, G40
BASE-R	C14, G40
BASE-SB	C14, G40
BC-25	D55, D78
BC-38	D55, D78
BCHS-10	P14
BCHS-12	P14
BCHS-6	P14
BCHS-6S	P14
BCM-25	D54, D78
BCM-38	D54, D78
BCM-50	D54, D78
BH-1	A39, D74
BH-1C	A39, D74
BH-1S	A39, D74
BH-1SC	A39, D74
BH-2	D74
BH-2NC	A39, D74
BH-3	A39, D74, P15
BH-50	C15
BHA-1	A40, D75
BHA-16	A40, D75, P3
BHA-1C	A40, D75
BHA-24	A40, D75, P3
BH-C	A39, D74
BHT-1	A39, D74, P15
BHT-1A	A39, D74, P15
BHT-C	A39, D74
BMA-23	P10
BMA-4	P10
BPS04	G15
B-T5B	A23, P24
B-T5C	A23, P24
C-100	D37
C-100A	D34
C114	G14
C-125	D37
C-125A	D34
C-150	D37
C-150A	D34
C-200	D37
C-200A	D34
C-250	D37
C-250A	D34
C-300	D37
C-300A	D34
C-400	D37
C-400A	D34
C-50	D37
C-50A	D34
C7-100	D45
C7-125	D45
C7-150	D45
C7-200	D45
C7-250	D45
C7-300	D45
C-75	D37
C7-50	D45
C-75A	D34
C7-75	D45
C8-100	D49
C8-125	D49
C8-150	D49
C8-200	D49
C8-250	D49
C8-300	D49

CAT. NO.	PAGE
C8-50	D49
C8-75	D49
CAT3-2P	K1
CAT3-3P	K1
CAT3-4P	K1
CAT3-6P	K1
CAT5E-350-4P	K2
CAT5E-350-STP-4P	K2
CAT5E-4P	K1
CAT5EDB-350-4P	K2
CAT5EO-350-4P	K2
CAT5EP-350-4P	K2
CAT5ER-350-4P	K3
CAT6P-550-4P	K3
CAT6R-550-4P	K4
CB-100	D68
CB-125	D68
CB-150	D68
CB-200	D68
CB-250	D68
CB-300	D68
CB-350	D68
CB-400	D68
CB-50	D68
CB-75	D68
CB-B	A30
CB-BK	A30
CB-BK-STUD	A30
CB-B-PT	A30
CBI-100	D68
CBI-125	D68
CBI-150	D68
CBI-200	D68
CBI-250	D68
CBI-300	D68
CBI-350	D68
CBI-400	D68
CBI-50	D68
CBI-75	D68
CBS-100	D54
CBS-125	D54
CBS-150	D54
CBS-200	D54
CBS-250	D54
CBS-300	D54
CBS-350	D54
CBS-400	D54
CBS-50	D54
CBS-75	D54
CC90-50	D5
CDR15-TR	E17
CDR20-TR	E17
CEL2	F20
CESL	F20
CESRE	F20
CESSE	F20
CFL-105W	H12
CFL-200W	H12
CG-100	D42
CG-100-375/500	D15
CG-100-500/625	D15
CG-100-625/750	D15
CG-100-750/880	D15
CG-100-880/985	D15
CG-125/150	D42
CG-200	D42

CAT. NO.	PAGE
CG-250/300	D42
CG-350/400	D42
CG-50	D42
CG-50-190/260	D15
CG-50-260/375	D15
CG-50-375/500	D15
CG-75	D42
CG-75-375/500	D15
CG-75-500/625	D15
CG-75-625/750	D15
CLCSL-50	D25, F29, P28
CLCSL-75	D25, F29, P28
CL-MR16	G40
CL-PAR36	G40
CLS	E34
CN-100	D62
CN-100L	D62
CN-125	D62
CN-150	D62
CN-200	D62
CN-50	D62
CN-50L	D62
CN-75	D62
CN-75L	D62
CNI-100	D62
CNI-125	D62
CNI-150	D62
CNI-200	D62
CNI-250	D62
CNI-300	D62
CNI-350	D62
CNI-400	D62
CNI-50	D62
CNI-75	D62
CO-1	G40
CO-2	G40
CO-3T	G40
CO-4	G40
CP-5	A5, E35
CP-5NM	A5, E35
CPS-100	E31
CPS-50	E31
CPS-516	E31
CPS-75	E31
CR15	E19
CR15-TR	E19
CR20	E19
CR20-TR	E19
CS-CJ6	D58, P28
CTL-105	H12
CTL-200	H12
CTL-F	H12
CVR1020-PH	B4
CVR1020-TV	B4
CVR1100-PH	B4
CVR1100-TV	B4
CVR1400	B4
D4RB-50	A3
D4RB-50/75	A3
D4RB-75	A3
D4SB-50	A6
D4SB-50/75	A6
D4SB-50/75-FB	A6
D4SB-50/75-PT	P20
D4SB-50-FB	A6
D4SB-50-PT	A6

CAT. NO.	PAGE
D4SB-75	A6
D4SB-75-PT	P20
D4SB-CKO	A6
D4SB-CKO-FB	A6
D4SDB-50/75	A6
D4SDB-50-FB	A6
D4SDB-75	A6
D4SDB-75-FB	A6
D4SDB-CKO	A6
D4SDB-CKO-FB	A6
D4SSB-50	A6
D5SDB-50/75	A16
D5SDB-50/75-FB	A16
D5SDB-CKO	A16
D5SDB-CKO-FB	A16
D5SDB-CKO-S	A16, P16
D600	E23
D603SL	E23
DHB-1-50	A31
DHB-1-75	A31
DHB-2	A25
DHB-2-B	A25
DHB-2-FB	A25
DHB-3	A25
DHB-3-B	A25
DHB-3-FB	A25
DHB3-PT	P20
DHB-4	A25
DHB-4-B	A25
DHB-4-FB	A25
DHSSB-1-50	A31
DLR-1G	A37
DR15	E17
DR15-TR	E17
DR20	E17
DRDS15	E22
DRU15-TR-2A	E17
DRU20-TR	E17
DS15	E22
DS-2080	J13
DS315	E22
DS415	E22
DSC-38	D13, P27
DSC-38C	D13, P27
DSL15	E22
DSL315	E22
DWJ-64	E25
DWJ-642	E25
DWJ-64F	E25
DWJ-F	E25
EALB	F28, H14, H15, P16
EALBS	F28, H14, H15, P16
EB-36	F23
EB-36HO	F23
EB-48	F23
EB-6	F23
EC-100	D59
EC-125	D59
EC-150	D59
EC-200	D59
EC-250	D59
EC-300	D59
EC-300L	D59
EC-350	D59
EC-400	D59
EC-50	D59

CAT. NO.	PAGE
EC-75	D59
ECCP-100	D59
ECCP-200	D59
ECCP-50	D59
ECP-100	D59
ECP-125	D59
ECP-150	D59
ECP-200	D59
ECP-50	D59
ECP-75	D59
ECS-50	D5
ECS-75	D5
EECLA	F16
EECLM-LED	F14
EECLMS	F15
EECLP-LED	F15
EECMPL	F14
EEL22-100	D65
EEL22-125	D65
EEL22-150	D65
EEL22-200	D65
EEL22-250	D65
EEL22-300	D65
EEL22-350	D65
EEL22-400	D65
EEL22-50	D65
EEL22-75	D65
EEL45-100	D65
EEL45-125	D65
EEL45-150	D65
EEL45-200	D65
EEL45-250	D65
EEL45-300	D65
EEL45-350	D65
EEL45-400	D65
EEL45-50	D65
EEL45-75	D65
EEL90-100	D65
EEL90-125	D65
EEL90-150	D65
EEL90-200	D65
EEL90-250	D65
EEL90-300	D65
EEL90-350	D65
EEL90-400	D65
EEL90-50	D65
EEL90-75	D65
EESLA-LED	F16
EHB-5	F23
EIB-5	F23
EL1DOL	F5
EL2F	F3
EL2FM-LED	F3
EL2H	F2
EL2HM-LED	F2
EL2H-WP	F7
EL2H-WP-LED	F7
EL2JL	F4
EL2LR	F6
EL2N	F1
EL2NM-LED	F1
EL2RC	F5
EL2SML	F4
EL2T12	F6
EL2T6	F6
EL2TN4	F8

CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE
EL2TN4-LED	F8	FG1021	G6	FLBPU-LL-C-SS	E7	FTL-14/200	D28
EOWB	A37	FG126	G3	FLBPU-LL-SS	E7	FTL-14/4	D28
ESBL	F10	FG38V	H5	FLBPU-L-R-BR	E5	FTL-2/600	D28
ESBL2L	F18	FG5010	G17	FLBPU-L-R-C-BR	E5	FTL-4/500	D28
ESBL2N4	F18	FG5010-50PK	G17	FLBPU-L-R-C-SS	E5	FTL-500/1000	D28
ESBLM	F9	FG5010AP	G17	FLBPU-L-R-SS	E5	FTL-6/250	D28
ESI	F12	FG5011	G17	FLBPU-L-S-BR	E5	FTL-6/350	D28
ESL	F10	FG5011-50PK	G17	FLBPU-L-S-C-BR	E5	FTL-6/75	D28
ESL2C	F10	FG5011AP	G17	FLBPU-L-S-C-SS	E5	FTL-75/800	D28
ESLA	F11	FG5012	G17	FLBPU-L-S-SS	E5	G	C15
ESLAM	F11	FG5012-50PK	G17	FLB-R1G-BR	E1	G-1	C4
ESLN4	F17	FG5012AP	G17	FLB-R1G-C-BR	E1	G-100	D43
ESLN4M	F17	FG505	G32	FLB-R1G-C-SS	E1	G-125/150	D43
ESN	F12	FG5110	G18	FLB-R1G-SS	E1	G-2	C6
ESRE	F13	FG520	G32	FLB-R2G-DD-BR	E3	G-200	D43
ESSE	F13	FG5210	H6	FLB-R2G-DD-C-BR	E3	G-250/300	D43
EST	F9	FG5213	H6	FLB-R2G-DD-C-SS	E3	G-350/400	D43
EW-13	G40	FG5410	G19	FLB-R2G-DD-SS	E3	G-50	D43
EW-18	G40	FG5412	G19	FLB-R2G-DL-BR	E3	G-75	D43
EW-25	G40	FGHL20	H4	FLB-R2G-DL-C-BR	E3	GB-1	A34
EW-4	G40	FGHL38	H5	FLB-R2G-DL-C-SS	E3	GB-1-B	A34
EW-8	G40	FH-E	A41, D78	FLB-R2G-DL-SS	E3	GB-1-FB	A34
EXB50-4	C10	FH-S	A41, D78	FLC-50	D14, P27	GB-1-MC	A34
EXB50-6	C10	FLB-48DB	E8, E13	FLC-50L	D14, P27	GB-1-MC-B	A34
EXB75-4	C10	FLB-4SEDB	E6, E11	FLC-75L	D14, P27	GB-1-MC-FB	A34
EXB75-6	C10	FLB-4SEDB-2G	E4, E10	FLD-50	D14, P27	GB-1-MC-OW	A34
EXF50-2	C10	FLBC-P-R	E12	FMB-16	P9	GB-1-MKO	A34
EXF50-4	C10	FLB-D-BR	E1	FMB-24	P9	GB-1-NE	A34
EXF50-6	C10	FLB-D-C-BR	E1	FMW/OS	G36	GB-1-NM	A34
EXF75-2	C10	FLB-D-C-SS	E1	FMW/OSL	G36	GB-1-NM-B	A34
EXF75-4	C10	FLB-DD-BR	E3	FR-100	D25, D79	GB-1-NM-FB	A34
EXF75-6	C10	FLB-DD-C-BR	E3	FR-125	D25, D79	GB-1-NM-OW	A34
EXN/OS	G36	FLB-DD-C-SS	E3	FR-150	D25, D79	GB-1-OW	A34
EXN/OSL	G36	FLB-DD-SS	E3	FR-200	D25, D79	GBLL-100	D27, D69
EXN-BU	G36	FLB-DL-BR	E3	FR-50	D25, D79	GBLL-125	D27, D69
EXN-GN	G36	FLB-DL-C-BR	E3	FR-75	D25, D79	GBLL-125-10	D27, D69
EXN-RD	G36	FLB-DL-C-SS	E3	FS-100	J13	GBLL-150	D27, D69
EXN-YE	G36	FLB-DL-SS	E3	FS-200	J13	GBLL-150-10	D27, D69
EXR-1	C10	FLB-D-SS	E1	FS-3300	E14	GBLL-200	D27, D69
EXR-2	C10	FLBPU-AR	E12	FS-3325	E14	GBLL-200-10	D27, D69
EXR50-4	C11	FLBPU-DD-BR	E7	FS4PB	A1	GBLL-250	D27, D69
EXR75-4	C11	FLBPU-DD-C-BR	E7	FS4PB-NBH	A1	GBLL-250-10	D27, D69
EXR-R	C11	FLBPU-DD-C-SS	E7	FSB	A1	GBLL-300	D27, D69
EXT/GE	G36	FLBPU-DD-SS	E7	FSB-FB	A1	GBLL-300-10	D27, D69
EYF	G36	FLBPU-DL-BR	E7	FSB-NBH	A1	GBLL-350	D27, D69
FA-4BC	A24	FLBPU-DL-C-BR	E7	FSB-OBH	A1	GBLL-350-10	D27, D69
FA-4RBC	A24	FLBPU-DL-C-SS	E7	FSDB	A1	GBLL-400	D27, D69
FA-4RDB-MKO	A24	FLBPU-DL-SS	E7	FSDB-FB	A1	GBLL-400-10	D27, D69
FA-4SB-MKO	A24	FLBPU-D-R-BR	E5	FSDB-NBH	A1	GBLL-50	D27, D69
FA-4SB-MKO-EXT	A24	FLBPU-D-R-C-BR	E5	FSDB-OBH	A1	GBLL-75	D27, D69
FA-4SDB-MKO	A24	FLBPU-D-R-C-SS	E5	FS-NBH	A1	GBV	A33
FA-4SDB-MKO-FB	A24	FLBPU-D-R-SS	E5	FS-OBH	A1	GBV-B	A33
FA-4SEDB-CKO	A11, A24	FLBPU-D-S-BR	E5	FSPP67	P26	GBV-FB	A33
FA-4SEDB-CKO-FB	A11, A24	FLBPU-D-S-C-BR	E5	FSPP77	P26	GBV-NE	A33
FA-5BC	A24	FLBPU-D-S-C-SS	E5	FSPS18	P26	GBV-OW	A33
FA-5SDB-MKO	A24	FLBPU-D-S-SS	E5	FT2L-14/100	D29	GC	A37
FA-5SXB-50/75	A24	FLBPU-DU-R-BR	E5	FT2L-14/200	D29	GCA-125/200	D29
FA-UMAB	A11, A24, P1, P10	FLBPU-DU-R-C-BR	E5	FT2L-2/600	D29	GCA-250/400	D29
FB-100	A37, D7	FLBPU-DU-R-C-SS	E5	FT2L-500/1000	D29	GCA-450/600	D29
FB-3	P7	FLBPU-DU-R-SS	E5	FT2L-6/250	D29	GCA-50/100	D29
FB-4	P7	FLBPU-G-R-BR	E5	FT2L-6/350	D29	GCAB-50/100	D30
FB-50	A37, D7	FLBPU-G-R-C-BR	E5	FT2L-75/800	D29	GCAH-125/200	D30
FB-75	A37, D7	FLBPU-G-R-C-SS	E5	FTD	G36	GCAH-50/100	D30
FD503	E24	FLBPU-G-R-SS	E5	FTH	G36	GCB-125/200	D29
FG-1	C12, D52	FLBPU-LL-BR	E7	FTL-14/100	D28	GCB-250/400	D29
FG1020	G6	FLBPU-LL-C-BR	E7	FTL-14/2	D28	GCB-450/600	D29

CAT. NO.	PAGE
GCB-50/100	D29
GCB-125/200	D30
GCB-50/100	D30
GCB-50/100	D29
GCBZ-50/100	D29
GCH-50/100-100	D30
GCH-50/100-50	D30
GCH-50/100-75	D30
GCR-50/100	D30
GCRL-38/100	D30
GCRLDB-38/100	D30
GDB-1	A36
GDB-1-MC	A36
GDB-1-MC-B	A36
GDB-1-MC-FB	A36
GDB-1-NE	A36
GDB-1-NM	A36
GDB-1-NM-B	A36
GDB-1-NM-FB	A36
GESB-1	A33
GESB-1-MC	A33
GESB-1-NM	A33
GICG7-100	D47
GICG7-125	D47
GICG7-150	D47
GICG7-200	D47
GICG7-250/300	D47
GICG7-350/400	D47
GICG7-50	D47
GICG7-75	D47
GICG8-100	D50
GICG8-125	D50
GICG8-150	D50
GICG8-200	D50
GICG8-250/300	D50
GICG8-350/400	D50
GICG8-50	D50
GICG8-75	D50
GL-100	D28, D72
GL-125	D28, D72
GL-150	D28, D72
GL-200	D28, D72
GL-250	D28, D72
GL-300	D28, D72
GL-350	D28, D72
GL-400	D28, D72
GL-50	D28, D72
GL-500	D28, D72
GL-600	D28, D72
GL-75	D28, D72
GMB-1	A35
GMB-1-FB	A35
GMB-1-MC	A35
GMB-1-MC-B	A35
GMB-1-MC-FB	A35
GMB-1-MC-OW	A35
GMB-1-NE	A35
GMB-1-NM	A35
GMB-1-NM-B	A35
GMB-1-NM-FB	A35
GMB-1-NM-OW	A35
GMB-2-B	A35
GMB-2-FB	A35
GMB-2-MC-FB	A35
GMB-2-NM-FB	A35
GMB-MC-NO	A36

CAT. NO.	PAGE
GMB-NM-NO	A36
G-R	C11
GRC-50	D31
GRC-58	D31
GRC-75	D31
GS-10	G38
GS-1032	A37
GS-1032-PT	A37
GS-1032-PT-10	A37
GS-1032-PT-12	A37
GS-85	G38
GSB-1	A33
GSB-1-MC	A33
GSB-1-NM	A33
GSB-1-OW	A33
GUEBA	J14
H-100	D31
H-50	D31
H-75	D31
HABIT	P11
HB-1-50	A31
HB-1-50-EXT	A31
HB-1-50-FB	A31
HB-1-MKO	A31
HB-1-MKO-AB	A31
HB-1-MKO-EXT	A31
HB-1-MKO-FB	A31
HBC-B	A32
HBC-BK	A32
HBC-DR	A32
HBC-GFI	A32
HBC-PO	A32
HBC-SR	A32
HBC-TS	A32
HDB-1-50	A32
HDB-1-50-FB	A32
HDB-1-MKO	A32
HDB-1-MKO-AB	A32
HDB-1-MKO-FB	A32
HHB1-MH400-PS	H13
HHB1-WG	H13
HHB1-WG2	H13
HHB2-ACDL16	H14
HHB2-ACDL22	H14
HHB2-ACR16	H14
HHB2-ACR22	H14
HHB2-AR16	H14
HHB2-AR22	H14
HHB2-CB16	H14
HHB2-CB22	H14
HHB2-CH	H14
HHB2-CO16	H14
HHB2-CO22	H14
HHB2-GL16	H14
HHB2-GL22	H14
HHB2-WG16	H14
HHB2-WG22	H14
HL16	H3
HL2	C14, H5
HL20	H4
HL20S	H4
HL30	H4
HL31-ARB	H2
HL31-COP	H2
HL38	H5
HL38-MH70	H5

CAT. NO.	PAGE
HR15	E19
HR20	E19
HSB-1-50	A31
HSB-1-50-B	A31
HSB-1-50-EXT	A31
H-SCREW	A41, D77
HTB-FB	A29
IGBB-5	D29
IGBB-5B	D29
IGR15	E20
IGR20	E20
IR15	E20
IR20	E20
JC-10	G36
JC-12	A41, D78
JC-20/OS	G36
JC-20-120V	H20
JC-35/OS	G36
JC-50/OS	G36
JC-50-120V	H20
KB-18	P7
KFB-318	P7
KFB-418	P7
KIT-1032TC	D77
KIT-10PAK	D77
KIT-632FH	D77
KIT-632RH	D77
KIT-832RH	D77
KIT-8EZ	D77
KJB-W	E34
KJC5E-W	E34
KJC6A-W	E34
KJC6-W	E34
KJF-W	E34
KJH4P-W	E34
KJH-W	E34
KO-100	D61
KO-125	D61
KO-150	D61
KO-200	D61
KO3P-100	D61
KO3P-125	D61
KO3P-150	D61
KO3P-200	D61
KO3P-250	D61
KO3P-300	D61
KO3P-350	D61
KO3P-400	D61
KO3P-50	D61
KO3P-75	D61
KO-50	D61
KO-75	D61
LA19-7W-WW	H20
LA19-8W	I16
LA19-8W-D-CW	H20
LA19-8W-D-WW	H20
LAL1-P	I5
LB-100	D36
LB-100A	D33
LB-125	D36
LB-125A	D33
LB-150	D36
LB-150A	D33
LB-200	D36
LB-200A	D33
LB-250	D36

CAT. NO.	PAGE
LB-250A	D33
LB-300	D36
LB-300A	D33
LB-350	D36
LB-350A	D33
LB-400	D36
LB-400A	D33
LB-50	D36
LB-50A	D33
LB7-100	D44
LB7-125	D44
LB7-150	D44
LB7-200	D44
LB7-250	D44
LB7-300	D44
LB7-350	D44
LB7-400	D44
LB-75	D36
LB7-50	D44
LB-75A	D33
LB7-75	D44
LB8-100	D47
LB8-125	D47
LB8-150	D47
LB8-200	D47
LB8-250	D47
LB8-300	D47
LB8-350	D47
LB8-400	D47
LB8-50	D47
LB8-75	D47
LBAL1200	F26, I20
LBAL1600	F26, I20
LBAL2000	F26, I20
LBAL2400	F26, I20
LBAL800	F26, I20
LBAY	I14
LBAY-CW	G36
LBAY-WW	G36
LBM-150	D35
LBM-200	D35
LBM-250	D35
LBM-300	D35
LBM-350	D35
LBM-400	D35
LCB-100W-CW	H12
LCB-120W-CW	H12
LCM2	I10
LCTL-100	H12
LCTL-120	H12
LD-1501	E23
LD-1503	E23
LDS-1501	E23
LDS-1503	E23
LET-151-12	G35, H18
LET-151-24	G35, H18
LET-60-GW	G35, H18
LET-60-LW	G35, H18
LET-75	G35, H18
LET-75-277	G35, H18
LFL13	I13
LFL20	I9
LFL20-6W-12V	I13
LFL6-15W	I8
LFL6-80W	I5
LFL6-PM	I18

CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE
LFL7	I18	LN-125	D71	LSL12	I13	LVSB1	A39, P1, P5
LFL7-PM	I18	LN-150	D71	LT-100	D18	LVSB2	A39, P1, P5
LFL7-SF	I7, I18	LN-200	D71	LT-125	D18	LVT-60	G35, H18
LFL7-T	I6	LN-250	D71	LT-150	D18	LVWP1	A39
LFL7-T-100	I18	LN-300	D71	LT-200	D18	LVWP2	A39
LFL7-T-300	I18	LN-350	D71	LT-250	D18	LWP1	I2
LH150-SG	C14, H3	LN-400	D71	LT-300	D18	LWP18-30W	I3
LH90	C14	LN-50	D71	LT-350	D18	LWP2	I1
LISL-1W	I12	LN-75	D71	LT-38	D18	LWP2-120W-S	I18
LISL-C	I12	LP741-30W	I3	LT-400	D18	LWP24	I4
LJC	I14	LPAR20-8W	I16	LT-50	D18	LWP25	I4
LJC-CW	G36	LPAR20-8W-D-CW	H20	LT-75	D18	LWP2-S	I18
LJC-WW	G36	LPAR20-8W-D-WW	H20	LT90-100	D20	LWP3	I3
LL-100	D36	LPAR30-12W	I17	LT90-125	D20	MB-1	A29
LL-100A	D33	LPAR30-12W-D-CW	H20	LT90-150	D20	MB-2	A29
LL-125	D36	LPAR30-12W-D-WW	H20	LT90-200	D20	MB-3	A29
LL-125A	D33	LPAR38-15W	I17	LT90-250	D20	MB-4	A29
LL-150	D36	LPAR38-16W	I17	LT90-300	D20	MB-5	A29
LL-150A	D33	LPAR38-16W-D-CW	H20	LT90-350	D20	MB-6	A29
LL-200	D36	LPAR38-16W-D-CW-OD	H20	LT90-38	D20	MBBH-16	P9
LL-200A	D33	LPAR38-16W-D-WW	H20	LT90-400	D20	MBBH-24	P9
LL-250	D36	LPAR38-16W-D-WW-OD	H20	LT90-50	D20	MB-D	A28
LL-250A	D33	LR-100	D37	LT90-75	D20	MBG-1	A29
LL-300	D36	LR-100A	D34	LTi-100	D18	MC-100	D40
LL-300A	D33	LR-125	D37	LTi-125	D18	MC-125	D40
LL-400	D36	LR-125A	D34	LTi-150	D18	MC-150	D40
LL-400A	D33	LR-150	D37	LTi-200	D18	MC-200	D40
LL-50	D36	LR-150A	D34	LTi-250	D18	MC-250	D40
LL-50A	D33	LR-200	D37	LTi-300	D18	MC-300	D40
LL7-100	D45	LR-200A	D34	LTi-350	D18	MC-350	D40
LL7-125	D45	LR-250	D37	LTi-38	D18	MC-400	D40
LL7-150	D45	LR-250A	D34	LTi-400	D18	MC-50	D40
LL7-200	D45	LR-300	D37	LTi-50	D18	MC-75	D40
LL7-250	D45	LR-300A	D34	LTi-75	D18	MCBI-100	D68
LL7-300	D45	LR-400	D37	LTi90-100	D20	MCBI-125	D68
LL7-350	D45	LR-400A	D34	LTi90-125	D20	MCBI-150	D68
LL7-400	D45	LR-50	D37	LTi90-150	D20	MCBI-200	D68
LL-75	D36	LR-50A	D34	LTi90-200	D20	MCBI-250	D68
LL7-50	D45	LR7-100	D44	LTi90-250	D20	MCBI-300	D68
LL-75A	D33	LR7-125	D44	LTi90-300	D20	MCBI-350	D68
LL7-75	D45	LR7-150	D44	LTi90-350	D20	MCBI-400	D68
LL8-100	D48	LR7-200	D44	LTi90-38	D20	MCBI-50	D68
LL8-125	D48	LR7-250	D44	LTi90-400	D20	MCBI-500	D68
LL8-150	D48	LR7-300	D44	LTi90-50	D20	MCBI-600	D68
LL8-200	D48	LR7-350	D44	LTi90-75	D20	MCBI-75	D68
LL8-250	D48	LR7-400	D44	LTSR-100	D17, D72	MCCE-100	D53
LL8-300	D48	LR-75	D37	LTSR-125	D17, D72	MCCE-125	D53
LL8-50	D48	LR7-50	D44	LTSR-150	D17, D72	MCCE-150	D53
LL8-75	D48	LR-75A	D34	LTSR-200	D17, D72	MCCE-200	D53
LLDB-14/4	D28	LR7-75	D44	LTSR-250	D17, D72	MCCE-250	D53
LLHB1	I11	LR8-100	D48	LTSR-300	D17, D72	MCCE-300	D53
LLHB1-MR	I18	LR8-125	D48	LTSR-350	D17, D72	MCCE-50	D53
LLTDB-14/4	D28	LR8-150	D48	LTSR-400	D17, D72	MCCE-75	D53
LLTDB-SP-14/4	D28	LR8-200	D48	LTSR-50	D17, D72	MC-CL-100	D12
LMR16-3W	I15	LR8-250	D48	LTSR-75	D17, D72	MC-CL-125	D12
LMR16-3W-CW	G36	LR8-300	D48	LUG	C15	MC-CL-150	D12
LMR16-3W-EB	I15	LR8-50	D48	LUHB1	I11	MC-CL-200	D12
LMR16-3W-EB-WW	H20	LR8-75	D48	LUHB1-T-100	I18	MC-CL-250	D12
LMR16-4W	I15	LRHS	F21	LUHB1-T-230	I18	MC-CL-300	D12
LMR16-4W-EB	I16	LRHS-WP	F21	LVC-10	G40, K6	MC-CL-350	D12
LMR16-4W-EB-CW	H20	LRK-HW-G	F23	LVC-12	G40, K6	MCCP-100	D53
LMR16-4W-EB-WW	H20	LRK-HW-R	F23	LVC-12-W	K6	MCCP-125	D53
LMR16-5W	I14	LRK-SI-G	F23	LVC-14	G40, K6	MCCP-150	D53
LMR16-5W-D-CW	G36	LRK-SI-R	F23	LVC-16	K6	MCCP-200	D53
LMR16-5W-D-WW	G36	LSD-1501	E23	LVC-8	G40, K6	MCCP-250	D53
LN-100	D71	LSD-1503	E23	LVP	I4	MCCP-300	D53

CAT. NO.	PAGE
MCCP-350	D53
MCCP-400	D53
MCCP-50	D53
MCCP-75	D53
MCCR-100	D53
MCCR-125	D53
MCCR-150	D53
MCCR-200	D53
MCCR-250	D53
MCCR-300	D53
MCCR-350	D53
MCCR-400	D53
MCCR-50	D53
MCCR-75	D53
MC-DX-50	D13
MCSI-100	D25, D79
MCSI-50	D25, D79
MCSI-75	D25, D79
MCSI90-100	D25, D79
MCSI90-50	D25, D79
MCSI90-75	D25, D79
MGBLL-100	D27, D69
MGBLL-125	D27, D69
MGBLL-125-10	D27, D69
MGBLL-150	D27, D69
MGBLL-150-10	D27, D69
MGBLL-200	D27, D69
MGBLL-200-10	D27, D69
MGBLL-250	D27, D69
MGBLL-250-10	D27, D69
MGBLL-300	D27, D69
MGBLL-350	D27, D69
MGBLL-350-10	D27, D69
MGBLL-400	D27, D69
MGBLL-400-10	D27, D69
MGBLL-50	D27, D69
MGBLL-500	D27, D69
MGBLL-500-30	D27, D69
MGBLL-600	D27, D69
MGBLL-600-30	D27, D69
MGBLL-75	D27, D69
MGBLL-75-10	D27, D69
MH100/PAR38/FL/4K	H20
MH70/PAR38/FL/4K	H20
MLB-100	D38
MLB-125	D38
MLB-150	D38
MLB-200	D38
MLB-250	D38
MLB-300	D38
MLB-350	D38
MLB-400	D38
MLB-50	D38
MLB-75	D38
MLDB-14/10	D28
MLDB-14/4	D28
MLDB-14/6	D28
MLDB-6/100	D28
MLL-100	D39
MLL-125	D39
MLL-150	D39
MLL-200	D39
MLL-250	D39
MLL-300	D39
MLL-350	D39
MLL-400	D39

CAT. NO.	PAGE
MLL-50	D39
MLL-75	D39
MLR-100	D39
MLR-125	D39
MLR-150	D39
MLR-200	D39
MLR-250	D39
MLR-300	D39
MLR-350	D39
MLR-400	D39
MLR-50	D39
MLR-75	D39
MLT-100	D18
MLT-125	D18
MLT-150	D18
MLT-200	D18
MLT-250	D18
MLT-300	D18
MLT-350	D18
MLT-38	D18
MLT-400	D18
MLT45-100	D19
MLT45-125	D19
MLT45-150	D19
MLT45-200	D19
MLT45-250	D19
MLT45-300	D19
MLT45-350	D19
MLT45-38	D19
MLT45-400	D19
MLT45-50	D19
MLT45-75	D19
MLT-50	D18
MLT-75	D18
MLT90-100	D21
MLT90-125	D21
MLT90-150	D21
MLT90-200	D21
MLT90-250	D21
MLT90-300	D21
MLT90-350	D21
MLT90-38	D21
MLT90-400	D21
MLT90-50	D21
MLT90-75	D21
MLTI-100	D18
MLTI-125	D18
MLTI-150	D18
MLTI-200	D18
MLTI-250	D18
MLTI-300	D18
MLTI-350	D18
MLTI-38	D18
MLTI-400	D18
MLTI45-100	D19
MLTI45-125	D19
MLTI45-150	D19
MLTI45-200	D19
MLTI45-250	D19
MLTI45-300	D19
MLTI45-350	D19
MLTI45-38	D19
MLTI45-400	D19
MLTI45-50	D19
MLTI45-75	D19
MLTI45LL-100	D20

CAT. NO.	PAGE
MLTI45LL-125	D20
MLTI45LL-150	D20
MLTI45LL-200	D20
MLTI45LL-250	D20
MLTI45LL-300	D20
MLTI45LL-350	D20
MLTI45LL-38	D20
MLTI45LL-400	D20
MLTI45LL-50	D20
MLTI45LL-75	D20
MLTI-50	D18
MLTI-75	D18
MLTI90-100	D21
MLTI90-125	D21
MLTI90-150	D21
MLTI90-200	D21
MLTI90-250	D21
MLTI90-300	D21
MLTI90-350	D21
MLTI90-38	D21
MLTI90-400	D21
MLTI90-50	D21
MLTI90-75	D21
MLTI90LL-100	D21
MLTI90LL-125	D21
MLTI90LL-150	D21
MLTI90LL-200	D21
MLTI90LL-250	D21
MLTI90LL-300	D21
MLTI90LL-350	D21
MLTI90LL-38	D21
MLTI90LL-400	D21
MLTI90LL-50	D21
MLTI90LL-75	D21
MLTILL-100	D19
MLTILL-125	D19
MLTILL-150	D19
MLTILL-200	D19
MLTILL-250	D19
MLTILL-300	D19
MLTILL-350	D19
MLTILL-38	D19
MLTILL-400	D19
MLTILL-50	D19
MLTILL-75	D19
MR3C-100	D24
MR3C-125	D24
MR3C-150	D24
MR3C-200	D24
MR3C-250	D24
MR3C-300	D24
MR3C-350	D24
MR3C-400	D24
MR3C-50	D24
MR3C-500	D24
MR3C-600	D24
MR3C-75	D24
MRB-350/300	D67
MRB-400/350	D67
MRT-100	D23
MRT-125	D23
MRT-150	D23
MRT-200	D23
MRT-250	D23
MRT-300	D23
MRT-350	D23

CAT. NO.	PAGE
MRT-400	D23
MRT-50	D23
MRT-75	D23
MRTC-100	D23
MRTC-125	D23
MRTC-150	D23
MRTC-200	D23
MRTC-250	D23
MRTC-300	D23
MRTC-350	D23
MRTC-400	D23
MRTC-50	D23
MRTC-75	D23
MSB-1	A28
MSB-2	A28
MSB-3	A28
MSB-3-FB	A28
MSB-4	A28
MSB-4-FB	A28
MSB-5	A28
MSB-5-FB	A28
MSB-6	A28
MSBG-1	A28
MSE90-100	D25
MSE90-50	D25
MSE90-75	D25
MSRC-200	D24
MSRC-250	D24
MSRC-350	D24
MSRC-400	D24
MSRC-75	D24
MT-100	D40
MT-125	D40
MT-150	D40
MT-200	D40
MT-250	D40
MT-300	D40
MT-350	D40
MT-400	D40
MT-50	D40
MT-75	D40
MTB-350	A29
MTB-550	A29
MTB-750	A29
MWHG-100	D60
MWHG-125	D60
MWHG-150	D60
MWHG-200	D60
MWHG-250	D60
MWHG-300	D60
MWHG-350	D60
MWHG-400	D60
MWHG-50	D60
MWHG-75	D60
NGC100-709/984	D16
NGC-38-197/394	D16
NGC-50-384/551	D16
NGC-75-551/709	D16
NM-50	D11, P28
NM-75	D11
NMLT-100	D17
NMLT-125	D17
NMLT-150	D17
NMLT-200	D17
NMLT-38	D17
NMLT-50	D17

CAT. NO.	PAGE
NMLT-75	D17
NMLT90-100	D17
NMLT90-125	D17
NMLT90-150	D17
NMLT90-200	D17
NMLT90-38	D17
NMLT90-50	D17
NMLT90-75	D17
NMP-50	D11, P28
NS-100	A38, D58
NS-50	A38, D58
NS-50/75	A38, D58
NYEECL	F20
NYELX	F20
NYESL	F20
NYESLA	F20
NYESRE	F20
NYESSE	F20
OCC-50	D5
OCC-75	D5
OCS-50	D5
OCS-75	D5
OD110	J6
OD110H	J4
OD110L	J6
OD110LLH	J4
OD120	J6
OD120L	J6
OD80	J6
OD80H	J4
OD80L	J6
OD80LLH	J4
OD90	J6
OD90L	J6
ODEP-G	J12
ODEP-L	J12
OD-G	J12
ODHFL110	J7
ODU814H	J2
ODU814LLH	J2
ODU814M	J1
OE80RL	J5
OEHFL70	J10
OEP110	J8
OEP80	J8
OEP80F	J12
OEP90	J8
OEP90F	J12
OEP-G	J12
OEPH	J12
OEU580H	J3
OEU580LLH	J3
OF1611	D5, D9, D26
OF1612	D5, D9, D26
OF1613	D5, D9, D26
OF1701	D6
OF1702	D6
OF520	D10, D26
OF521	D10, D26
OF522	D10, D26
OF523	D10, D26
OF530	D10, D26
OF531	D10, D26
OF532	D10, D26
OF533	D10, D26
OF601	D4

CAT. NO.	PAGE
OF601-S	D4
OF601-SW	D4
OF601-W	D4
OF602	D4
OF602-S	D4
OF602-SW	D4
OF602-W	D4
OF603	D4
OF603-S	D4
OF603-SW	D4
OF603-W	D4
OF604	D4
OF604-S	D4
OF604-SW	D4
OF604-W	D4
OF605	D4
OF605-S	D4
OF605-SW	D4
OF605-W	D4
OF606	D4
OF606-S	D4
OF606-SW	D4
OF606-W	D4
OF607	D4
OF607-S	D4
OF607-SW	D4
OF607-W	D4
OF608	D4
OF608-S	D4
OF608-SW	D4
OF608-W	D4
OF609	D4
OF609-S	D4
OF609-SW	D4
OF609-W	D4
OF610	D4
OF610-S	D4
OF610-SW	D4
OF610-W	D4
OF611	D4
OF611-W	D4
OF612	D4
OF612-W	D4
OF613	D4
OF613-W	D4
OF614	D4
OF614-W	D4
OF615	D4
OF615-W	D4
OF616	D4
OF616-W	D4
OF617	D4
OF617-W	D4
OF618	D4
OF618-W	D4
OF619	D4
OF619-W	D4
OF620	D4
OF620-W	D4
OF623	D13
OF6231	D12
OF6232	D12
OF643	D9, D13
OF644	D9, D13
OF645	D9, D13
OF6463	D9

CAT. NO.	PAGE
OF6464	D9
OF6465	D9
OF6466	D9
OF6467	D9
OF6468	D9
OF6469	D9
OF6470	D9
OF653	D12
OF654	D8
OF655	D8
OF657	D9
OF6620	D12
OF671	D7
OF671-S	D7
OF672	D7
OF672-S	D7
OF673	D7
OF673-S	D7
OF674	D7
OF674-S	D7
OF675	D7
OF675-S	D7
OF676	D7
OF677	D7
OF678	D7
OF679	D7
OF681	D7
OF681-S	D7
OF682	D7
OF682-S	D7
OF685	D7
OF686	D7
OF694	D10, D26
OF695	D10, D26
OF697	D10, D26
OF701	D3
OF701-S	D3
OF702	D3
OF702-S	D3
OF703	D3
OF703-S	D3
OF704	D3
OF704-S	D3
OF705	D3
OF705-S	D3
OF706	D3
OF706-S	D3
OF707	D3
OF707-S	D3
OF708	D3
OF708-S	D3
OF709	D3
OF709-S	D3
OF710	D3
OF710-S	D3
OF711	D3
OF712	D3
OF713	D3
OF714	D3
OF715	D3
OF716	D3
OF717	D3
OF718	D3
OF719	D3
OF720	D3
OF730	D8

CAT. NO.	PAGE
OF730-S	D8
OF731	D8
OF731-S	D8
OF732	D8
OF732-S	D8
OF733	D8
OF733-S	D8
OF734	D8
OF734-S	D8
OF735	D8
OF735-S	D8
OF736	D8
OF736-S	D8
OF737	D8
OF737-S	D8
OF738	D8
OF738-S	D8
OF739	D8
OF739-S	D8
OF740	D8
OF740-S	D8
OF7601	D2
OF7601-S	D2
OF7601-SW	D2
OF7601-W	D2
OF7602	D2
OF7602-S	D2
OF7602-SW	D2
OF7602-W	D2
OF7603	D2
OF7603-S	D2
OF7603-SW	D2
OF7603-W	D2
OF7604	D2
OF7604-S	D2
OF7604-SW	D2
OF7604-W	D2
OF7605	D2
OF7605-S	D2
OF7605-SW	D2
OF7605-W	D2
OF7606	D2
OF7606-S	D2
OF7606-SW	D2
OF7606-W	D2
OF7607	D2
OF7607-S	D2
OF7607-SW	D2
OF7607-W	D2
OF7608	D2
OF7608-S	D2
OF7608-SW	D2
OF7608-W	D2
OF7609	D2
OF7609-S	D2
OF7609-SW	D2
OF7609-W	D2
OF7610	D2
OF7610-S	D2
OF7610-SW	D2
OF7610-W	D2
OF7611	D2
OF7611-W	D2
OF7612	D2
OF7612-W	D2
OF7613	D2

CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE
OF7613-W	D2	OP226	E29	OS7	E33	PG-4	G40
OF7614	D2	OP23	E28	OS701	E33	PG-4-F	G40
OF7614-W	D2	OP26	E28	OS703	E33	PH-100B	D55
OF7615	D2	OP262	E28	OS703-P	E29	PH-105B	D55
OF7615-W	D2	OP263	E28	OS705	E33	PH-125B	D55
OF7616	D2	OP264	E28	OS724	E33	PH-150B	D55
OF7616-W	D2	OP265	E28	OS724-P	E29	PH-200B	D55
OF7617	D2	OP266	E28	OS737	E33	PH-250B	D55
OF7617-W	D2	OP28	E29	OS8	E32	PH-300B	D55
OF7618	D2	OP3	E27	OS82	E32	PH-350B	D55
OF7618-W	D2	OP33	E28	OS826	E33	PH-400B	D55
OF7619	D2	OP4	E27	OS83	E32	PH-50B	D55
OF7619-W	D2	OP43	E28	OS84	E32	PH-75B	D55
OF7620	D2	OP5	E27	OSD-S	E15	PL-100	C15
OF7620-W	D2	OP6	E27	OSD-S-2W	E15	PL13-41K	H20
OF7701	D1	OP7	E28	OSD-S-D	E16	PL13-GU-27K	J14
OF7701-S	D1	OP72	E28	OS-P	E16	PL23-GU-41K	J14
OF7702	D1	OP737	E28	OSP50	J9	PL-50	C15
OF7702-S	D1	OP8	E27	OSP50F	J12	PL-75	C15
OF7703	D1	OP813	E29	OSP70	J9	PL9-41K	H20
OF7703-S	D1	OP82	E27	OSP70L	J9	PLN-38	D72
OF7704	D1	OP826	E29	OSP70L-F	J12	PLQ13-41K	H20
OF7704-S	D1	OP83	E27	OSPH	J12	PLQ26-41K	H20
OF7705	D1	OP84	E27	OSPL-H	J12	PLQ9-41K	H20
OF7705-S	D1	OP85	E27	OS-S	E16	PLTS15	E22
OF7706	D1	OP86	E27	OVFM	J12	PP2	G39
OF7706-S	D1	OP87	E29	OWG	A37, D75, P25	PP250	G39
OF7707	D1	OPJ1	E31	P639	H3	PP250-CAP	G39
OF7707-S	D1	OPJ13	E31	PAR36/CAP/50FL	G36	PP2A	G39
OF7708	D1	OPJ26	E31	PAR36/CAP/50SP	G36	PPCA	G39
OF7708-S	D1	OPJ8	E31	PAR56/300WFL	G36	PQLC-38	D70
OF7709	D1	OPM1	E30	PB-100	D67	PQLC-75	D70
OF7709-S	D1	OPM126	E30	PB-125	D67	PT163A-3	E35
OF7710	D1	OPM13	E30	PB-150	D67	PT163A-6	E35
OF7710-S	D1	OPM18	E30	PB-200	D67	PT163S-3	E35
OF7711	D1	OPM2	E30	PB-250	D67	PT163S-6	E35
OF7712	D1	OPM23	E30	PB-300	D67	PTST-8	A37
OF7713	D1	OPM26	E30	PB-350	D67	PUSG	D70
OF7714	D1	OPM262	E30	PB-400	D67	PWH-L	A41, D79
OF7715	D1	OPM8	E30	PB-50	D67	PWH-M	A41, D79
OF7716	D1	OPM82	E30	PB-500	D67	QR100	C14
OF7717	D1	OPM826	E30	PB-600	D67	R15	E19
OF7718	D1	OPS26	E26	PB-75	D67	R15-TR	E19
OF7719	D1	OPS262	E26	PC-1	C16, E36	R20	E19
OF7720	D1	OPS263	E26	PC-1-277	C16, E36	R20-TR	E19
OF781	D62	OPS264	E26	PC-1AL	C16, E36	R30-3	E18
OF781-S	D62	OPS265	E26	PC-1F	C16, E36, I18	R30-4	E18
OF9673	D9	ORLTML	J14	PC-1F-277	C16, E36, I18	R30-GU-41K	J14
OF9674	D9	OS1	E32	PC-1P	C16, E36	R50-3	E18
OFLGML	J14	OS11	E33	PC-1S	C16, E36, I18	R50-4	E18
ON-100	D62	OS113	E33	PC-1SH	C16, E36, I18	RAP	P13
ON-125	D62	OS126	E33	PC-1ST	G34	RAP-T	P13
ON-150	D62	OS13	E32	PC-1T	C16, E36	RB-100/50	D67
ON-200	D62	OS18	E33	PCS-D	F22	RB-100/75	D67
ON-50	D62	OS2	E32	PCS-R	F22	RB-125/100	D67
ON-75	D62	OS21	E33	PE-100	D32	RB-125/50	D67
OP1	E27	OS226	E33	PE-125	D32	RB-125/75	D67
OP11	E28	OS23	E32	PE-50	D32	RB-150/100	D67
OP113	E29	OS26	E32	PE-75	D32	RB-150/125	D67
OP126	E29	OS262	E32	PEB-100	D32	RB-150/50	D67
OP13	E28	OS263	E32	PEB-125	D32	RB-150/75	D67
OP1426	E29	OS264	E32	PEB-50	D32	RB-200/100	D67
OP17	E29	OS3	E32	PEB-75	D32	RB-200/125	D67
OP18	E29	OS33	E32	PG-2-F	G40	RB-200/150	D67
OP2	E27	OS4	E32	PG-3	G40	RB-200/50	D67
OP21	E28	OS43	E32	PG-3-F	G40	RB-200/75	D67

CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE
RB-250/200	D67	REL90-75	D66	RN-250-800	D64	RS-150	D22
RB-300/200	D67	RG59U	K5	RN-250-C	D64	RS-200	D22
RB-300/250	D67	RG6U	K4	RN-300-1000	D64	RS-22	G40
RB-350/250	D67	RG6U-Q	K4	RN-300-1200	D64	RS-31	G40
RB-50/38	D67	RG6U-Q-2.2GH	K5	RN-300-300	D64	RS-50	D22
RB50-5	C11	RH16	F21	RN-300-350	D64	RS-75	D22
RB-75/50	D67	RH36	F21	RN-300-400	D64	RS-9	G40
RB75-5	C11	RH36WP	F21	RN-300-500	D64	RSC-100	D22
RBC-4	C11	RJ-100	D77	RN-300-600	D64	RSC-125	D22
RC-1	C11	RJ-125	D77	RN-300-800	D64	RSC-150	D22
RC-100	D24	RJ-150	D77	RN-300-C	D64	RSC-200	D22
RC-125	D24	RJ-200	D77	RN-350-1000	D64	RSC-50	D22
RC-150	D24	RJ-300	D77	RN-350-1200	D64	RSC-75	D22
RC-2	C11	RJ-400	D77	RN-350-400	D64	RT-100	D22
RC-200	D24	RJ-50	D77	RN-350-500	D64	RT-125	D22
RC-250	D24	RJ-75	D77	RN-350-600	D64	RT-150	D22
RC-3	C11	RN-100-1000	D63	RN-350-800	D64	RT-200	D22
RC-300	D24	RN-100-1200	D63	RN-350-C	D64	RT-50	D22
RC-350	D24	RN-100-200	D63	RN-400-1000	D64	RT-75	D22
RC-3D	C11	RN-100-250	D63	RN-400-1200	D64	RTC-100	D23
RC-400	D24	RN-100-300	D63	RN-400-400	D64	RTC-125	D23
RC-50	D24	RN-100-350	D63	RN-400-500	D64	RTC-150	D23
RC-500	D24	RN-100-400	D63	RN-400-600	D64	RTC-200	D23
RC-600	D24	RN-100-500	D63	RN-400-800	D64	RTC-50	D23
RC-75	D24	RN-100-600	D63	RN-400-C	D64	RTC-75	D23
RCP-100	P12	RN-100-800	D63	RN-500-1000	D64	RTS15	E22
RCP-125	P12	RN-100-C	D63	RN-500-1200	D64	RW-100/50	D73
RCP-150	P12	RN-125-1000	D63	RN-500-500	D64	RW-100/75	D73
RCP-200	P12	RN-125-1200	D63	RN-500-600	D64	RW-125/100	D73
RCP-50	P12	RN-125-200	D63	RN-500-800	D64	RW-125/50	D73
RCP-75	P12	RN-125-250	D63	RN-500-C	D64	RW-125/75	D73
RD600	E23	RN-125-300	D63	RN-50-1000	D63	RW-150/100	D73
RDK	E23	RN-125-350	D63	RN-50-1200	D63	RW-150/125	D73
RDP603	E23	RN-125-400	D63	RN-50-150	D63	RW-150/50	D73
RE-1	C5	RN-125-500	D63	RN-50-200	D63	RW-150/75	D73
RE-2	C5	RN-125-600	D63	RN-50-250	D63	RW-200/100	D73
RE-3	C5	RN-125-800	D63	RN-50-300	D63	RW-200/125	D73
REL22-100	D66	RN-125-C	D63	RN-50-350	D63	RW-200/150	D73
REL22-125	D66	RN-150-1000	D63	RN-50-400	D63	RW-200/50	D73
REL22-150	D66	RN-150-1200	D63	RN-50-500	D63	RW-200/75	D73
REL22-200	D66	RN-150-200	D63	RN-50-600	D63	RW-250/100	D73
REL22-250	D66	RN-150-250	D63	RN-50-800	D63	RW-250/125	D73
REL22-300	D66	RN-150-300	D63	RN-50-C	D63, G40	RW-250/150	D73
REL22-350	D66	RN-150-350	D63	RN-600-1000	D64	RW-250/200	D73
REL22-400	D66	RN-150-400	D63	RN-600-1200	D64	RW-250/50	D73
REL22-50	D66	RN-150-500	D63	RN-600-500	D64	RW-250/75	D73
REL22-75	D66	RN-150-600	D63	RN-600-600	D64	RW-300/100	D73
REL45-100	D66	RN-150-800	D63	RN-600-800	D64	RW-300/125	D73
REL45-125	D66	RN-150-C	D63	RN-600-C	D64	RW-300/150	D73
REL45-150	D66	RN-200-1000	D64	RN-75-1000	D63	RW-300/200	D73
REL45-200	D66	RN-200-1200	D64	RN-75-1200	D63	RW-300/250	D73
REL45-250	D66	RN-200-250	D63	RN-75-150	D63	RW-300/50	D73
REL45-300	D66	RN-200-300	D63	RN-75-200	D63	RW-300/75	D73
REL45-350	D66	RN-200-350	D63	RN-75-250	D63	RW-350/100	D73
REL45-400	D66	RN-200-400	D64	RN-75-300	D63	RW-350/125	D73
REL45-50	D66	RN-200-500	D64	RN-75-350	D63	RW-350/150	D73
REL45-75	D66	RN-200-600	D64	RN-75-400	D63	RW-350/200	D73
REL90-100	D66	RN-200-800	D64	RN-75-500	D63	RW-350/250	D73
REL90-125	D66	RN-200-C	D63	RN-75-600	D63	RW-350/300	D73
REL90-150	D66	RN-250-1000	D64	RN-75-800	D63	RW-350/50	D73
REL90-200	D66	RN-250-1200	D64	RN-75-C	D63	RW-350/75	D73
REL90-250	D66	RN-250-300	D64	RP-100-BR	E34	RW-400/100	D73
REL90-300	D66	RN-250-350	D64	RP-100-SS	E34	RW-400/125	D73
REL90-350	D66	RN-250-400	D64	RS-100	D22	RW-400/150	D73
REL90-400	D66	RN-250-500	D64	RS-125	D22	RW-400/200	D73
REL90-50	D66	RN-250-600	D64	RS-15	G40	RW-400/250	D73

CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE
RW-400/300	D73	SC-75	D43	SES1-100	D58	SR1-125	D57
RW-400/350	D73	SCG-100-450/560	D15	SES1-200	D58	SR1-150	D57
RW-400/50	D73	SCG-100-560/650	D15	SES1-50	D58	SR1-200	D57
RW-400/75	D73	SCG-100-650/750	D15	SES1-75	D58	SR15	E18
RW-75/50	D73	SCG-100-750/850	D15	SES2-100	D58	SR1-50	D57
RX-100	D11	SCG-100-850/950	D15	SES2-200	D58	SR15-250	E18
RX-125	D11	SCG-100-950/1050	D15	SES2-50	D58	SR15-TR	E18
RX-150	D11	SCG-50-125/250	D15	SES2-75	D58	SR1-75	D57
RX-200	D11	SCG-50-250/350	D15	SEWG-1	D79	SR-2	A27
RX-50	D11	SCG-50-350/450	D15	SEWG-2	D79	SR20	E18
RX-75	D11	SCG-50-450/560	D15	SEWG-3	D79	SR20-250	E18
S121	G5	SCG-50-560/650	D15	SG	C15	SR20-TR	E18
S121P	G14	SCG7-100	D46	SGM-1	A35	SR2-100	D57
S1-25	D56	SCG7-125	D46	SGM-1-MC	A35	SR2-125	D57
S126	G3	SCG7-150	D46	SGM-1-NM	A35	SR2-150	D57
S130	G5	SCG7-200	D46	SH-2	A41, D78	SR2-200	D57
S131	G5	SCG7-250/300	D46	SJB100-3	C13	SR2-50	D57
S1-38	D56	SCG7-350/400	D46	SJB100-3-W	C13	SR2-75	D57
S215	G12	SCG7-50	D46	SJB100-5	C13	SR-3	A27
S219	G13	SCG-75-125/250	D15	SJB100-5-W	C13	SR-4	A27
S220	G15	SCG-75-250/350	D15	SJB-50/100	C13	SR-5	A27
S221	G15	SCG-75-350/450	D15	SJB-75/100	C13	SR-6	A27
S224	G13	SCG-75-450/560	D15	SJB-ROD	C13	SR-7	A27
S225	G13	SCG-75-560/650	D15	SLB-100	D35	SR-8	A27
S530	G20	SCG-75-650/750	D15	SLB-125	D35	SR-9	A27
S530-COVER	G20	SCG-75-750/850	D15	SLB-150	D35	SRECS-100	D6, D22, D26
S613	H3	SCG7-75	D46	SLB-200	D35	SRECS-50	D6, D22, D26
S710C	G26, H7	SCG8-100	D50	SLB-50	D35	SRECS-75	D6, D22, D26
S710H-E26	H7	SCG8-125	D50	SLB-75	D35	SRM1-100	D54, D57
S710H-LED-120V	G26, G27, H7	SCG8-150	D50	SLN-100	D71	SRM1-125	D54, D57
S710H-LED-12V	G26, G27	SCG8-200	D50	SLN-125	D71	SRM1-150	D54, D57
S710H-PLQ13	H7	SCG8-250/300	D50	SLN-150	D71	SRM1-200	D54, D57
S711C	G26, H7	SCG8-350/400	D50	SLN-200	D71	SRM1-250	D54, D57
S712C	G27, H7	SCG8-50	D50	SLN-250	D71	SRM1-300	D54, D57
S712H-LED-12V	G27	SCG8-75	D50	SLN-300	D71	SRM1-350	D54, D57
S713C	G27, H7	SCR-75	A5, H14	SLN-350	D71	SRM1-400	D54, D57
SB-10	A26	SCS-75	A5, H14	SLN-400	D71	SRM1-50	D54, D57
SB-2	A26	SDB-2	A26	SLN-50	D71	SRM1-75	D54, D57
SB-3	A26	SDB-3	A26	SLN-500	D71	SS111	G8
SB-4	A26	SDB-4	A26	SLN-600	D71	SS126	G3
SB-5	A26	SDB-5	A26	SLN-75	D71	SS5010	G16
SB-6	A26	SDB-6	A26	SME-100/125	D67	SS5010-50PK	G16
SB-7	A26	SDB-D	A26	SME-50/75	D67	SS5010AP	G16
SB-8	A26	SDBL-2	A26	SME-75/100	D67	SS5010M	G16
SB-9	A26	SDBL-3	A26	SNR-1213	D78	SS5010M-50PK	G16
SBCC-10	D31	SDBL-4	A26	SNR-1420	D78	SS5010MAP	G16
SBCC-2	D31	SDBL-5	A26	SNR-3816	D78	SS5011	G16
SBCC-20	D31	SDBL-6	A26	SP-1	A38, D76	SS5011-50PK	G16
SBCC-250	D31	SDH	E23	SP-12	A38, D76	SS5011AP	G16
SBCC-2S	D31	SE1-100	D56	SP-12-CC	K6	SS5011M	G16
SBCC-30	D31	SE1-125	D56	SP-14-CC	K6	SS5011M-50PK	G16
SBCC-350	D31	SE1-150	D56	SP-1-500	A38, D76	SS5011MAP	G16
SBCC-4	D31	SE1-200	D56	SP-16-CC	K6	SS5012	G16
SBCC-500	D31	SE1-50	D56	SP-18	A38, D76	SS5012-50PK	G16
SBCC-6	D31	SE1-50L	D56	SP-18-CC	K6	SS5012AP	G16
SBCC-750	D31	SE1-75	D56	SP-24	A38, D76	SS5012M	G16
SBCC-8	D31	SE2-100	D56	SP-35	A38, D76	SS5012M-50PK	G16
SB-D	A26	SE2-125	D56	SP-6	A38, D76	SS5012MAP	G16
SB-EXT	A37	SE2-150	D56	SP-9	A38, D76	SS510	G31
SBS	A37, D76, P25	SE2-200	D56	SPH-12	A38, D76	SS511	G31
SC-100	D43	SE2-50	D56	SPH-18	A38, D76	SS512	G31
SC-125/150	D43	SE2-75	D56	SPH-24	A38, D76	SS5500	G33
SC-200	D43	SECL	F19	SPH-9	A38, D76	SS5550	G33
SC-250/300	D43	SELTC-100	D6, D17, D26	SPP	D59	SS7011	G29
SC-350/400	D43	SELTC-50	D6, D17, D26	SR-10	A27	SS7012	G29
SC-50	D43	SELTC-75	D6, D17, D26	SR1-100	D57	SSB	P1

CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE	CAT. NO.	PAGE
SSB-4S-MKO	P1	ST-100	D55	T7-125	D46	TSB	P3
SSB-5S-MKO	P1	ST-125	D55	T7-150	D46	TSL15-CL	E21
SSBL	F19	ST-150	D55	T7-200	D46	TSL315-CL	E21
SSB-TBAR	P1	ST-200	D55	T7-250	D46	TW	A41, D79
SSC-100	D42	ST-250	D55	T7-300	D46	UCL-12	F27, H19
SSC-125	D42	ST-300	D55	T7-350	D46	UCL-21	F27, H19
SSC-150	D42	ST-350	D55	T7-400	D46	UCL-24	F27, H19
SSC-200	D42	ST-400	D55	T-75	D38	UFSI	P26
SSC-50	D42	ST-50	D55	T7-50	D46	UM1020-PH	B3
SSC-75	D42	ST-75	D55	T-75A	D35	UM1020-TV	B3
SSLB-100	D41	STS-100	D55	T7-75	D46	UM1100-PH-GB	B3
SSLB-125	D41	STS-125	D55	T8-100	D49	UM1100-TV	B3
SSLB-150	D41	STS-150	D55	T8-125	D49	UM1400D	B4
SSLB-200	D41	STS-200	D55	T8-150	D49	UM900	B3
SSLB-250	D41	STS-250	D55	T8-200	D49	UM900-PH	B3
SSLB-300	D41	STS-300	D55	T8-250	D49	UM900-TV	B3
SSLB-350	D41	STS-350	D55	T8-300	D49	UMA	P1
SSLB-400	D41	STS-400	D55	T8-50	D49	UMAB	A11, P1, P10
SSLB-50	D41	STS-50	D55	T8-75	D49	UMA-LVBS	P1
SSLB-75	D41	STS-75	D55	TB50-3	G40	UPC	A14, A21, E35, P17
SSLL-100	D41	SU1-250	D56, D57	TB-LV	C14, G40	UPCTS	A14, A21, E35, P17
SSLL-125	D41	SU1-300	D56, D57	TG-1	A34	US4SB	P5
SSLL-150	D41	SU1-350	D56, D57	TG-1-MC	A34	USSSB	P5
SSLL-200	D41	SU1-400	D56, D57	TG-1-NM	A34	USB	P5
SSLL-50	D41	SU2-250	D56, D57	TGD-1	A36	USB-4SDB-50/75-PT	P5
SSLL-75	D41	SU2-300	D56, D57	TGMW	A35, P25	USB-5SDB-50/75-PT	P5
SSLN-100	D71	SU2-350	D56, D57	TGW	A34, P25	USBS	P5
SSLN-125	D71	SU2-400	D56, D57	TH-18-2	K6	USDBM	P5
SSLN-150	D71	SUB-100	D54	TH-18-3	K6	USTBM	P5
SSLN-200	D71	SUB-125	D54	TH-18-4	K6	USTS	P5
SSLN-250	D71	SUB-150	D54	TH-18-5	K6	UWJB-10	C13, G40
SSLN-300	D71	SUB-200	D54	TH-18-6	K6	UWJB-6	C13, G40
SSLN-350	D71	SUB-250	D54	TH-18-7	K6	UWJB-8	C13, G40
SSLN-400	D71	SUB-300	D54	TH-20-2	K6	VG20-CL	H10
SSLN-50	D71	SUB-350	D54	TH-20-3	K6	VPB2	H10
SSLN-500	D71	SUB-400	D54	TH-20-4	K6	VPW2	H10
SSLN-600	D71	SUB-50	D54	TH-20-5	K6	WBAR1G	A14, A21, P18
SSLN-75	D71	SUB-75	D54	TIE-7	E24	WBAR2G	A14, A21, P18
SSLR-100	D41	SWN-BK	G40	TIE-7B	E24	WDHB-1-50	A32
SSLR-125	D41	SW-SP	C15	TPB-100	D70	WECC-100-4	D16
SSLR-150	D41	T-100	D38	TPB-125	D70	WECC-100-6	D16
SSLR-200	D41	T-100A	D35	TPB-150	D70	WECC-100-8	D16
SSLR-50	D41	T-125	D38	TPB-200	D70	WECC-125-1	D16
SSLR-75	D41	T-125A	D35	TPB-250	D70	WECC-125-2	D16
SSPE-100	D32	T-150	D38	TPB-300	D70	WECC-125-3	D16
SSPE-125	D32	T-150A	D35	TPB-350	D70	WECC-150-10	D16
SSPE-50	D32	T-200	D38	TPB-400	D70	WECC-150-20	D16
SSPE-75	D32	T-200A	D35	TPB-50	D70	WECC-150-30	D16
SSPEB-100	D32	T24VSD-S	E14	TPB-75	D70	WECC-200-10	D16
SSPEB-125	D32	T24VS-S	E14	TR-3HT	G34	WECC-200-20	D16
SSPEB-50	D32	T-250	D38	TRT-100-BK	G34	WECC-200-30	D16
SSPEB-75	D32	T-250A	D35	TRT-100-SS	G34	WECC-200-40	D16
SSPEB-G100	D32	T-300	D38	TRT-150-BK	G34	WECC-200-40N	D16
SSPEB-G125	D32	T-300A	D35	TRT-150-SS	G34	WG-15	F22
SSPEB-G50	D32	T-400	D38	TRT-300-BK	G34	WG-30	F22
SSPEB-G75	D32	T-400A	D35	TRT-300-SS	G34	WG-38	C15
SSPE-G100	D32	T46	J14	TRT-600-BK	G34	WH-100	D60
SSPE-G125	D32	T-50	D38	TRT-600-SS	G34	WH-125	D60
SSPE-G50	D32	T-50A	D35	TRT-75-BK	G34	WH-150	D60
SSPE-G75	D32	T5B-200	A22, P23	TRT-75-SS	G34	WH-200	D60
SST-100	D42	T5B-50/200	A22, P23	TRT-900-BK	G34	WH-250	D60
SST-125	D42	T5C	A22, P23	TRT-900-SS	G34	WH-300	D60
SST-150	D42	T5P-100	A22, P23	TS15	E21	WH-350	D60
SST-200	D42	T5P-200	A22, P23	TS20	E21	WH-400	D60
SST-50	D42	T5R	A22, P23	TS315	E21	WH-50	D60
SST-75	D42	T7-100	D46	TS415	E21	WH-75	D60

CAT. NO.	PAGE
WHBC-B	A32
WHBC-BK	A32
WHBC-DR	A32
WHBC-GFI	A32
WHBC-SR	A32
WHBC-TS	A32
WHG-100	D60
WHG-125	D60
WHG-150	D60
WHG-200	D60
WHG-250	D60
WHG-300	D60
WHG-350	D60
WHG-400	D60
WHG-50	D60
WHG-75	D60
WIU-1UD-ED	C1
WIU-1U-ED	C1
WIU-1V-ED	C2
WIU-2-ED	C2
WIU-2UD-ED	C1
WIUM-1DH	C1
WIUM-1DV	C1
WIUM-2U	C1
WJ-64	E25
WJ-642	E25
WJ-64F	E25
WJ-64F2	E25
WJ-88	E25
WJ-882	E25
WJ-8864	E25
WJ-F	E25
WJ-F2	E25
WMB-PT	A35, P25
YAD-50	C15



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