

## INSTALLATION INSTRUCTIONS



**WARNING:** All work must be performed by qualified electrician. Luminaire must be installed and grounded in accordance with the National Electrical Code (NEC) and local codes. For portable stake or surface mount using a cord and plug, the luminaire must be plugged into a receptacle protected by a ground fault circuit interrupter (GFCI). Failure to do so may result in serious injury and/or damage to the luminaire.

**WARNING:** Debris must be kept clear from top and interior of in-grade fixtures. Excessive heat could occur that may create a fire hazard and/or harm the fixtures components. Specific attention must be made to never install in-grade fixture in mulch, wood chips or other potentially ignitable materials. For installation in potentially ignitable materials, such as mulch and wood chips, installer must use an above-grade mounted fixtures. Failure to do so will void the warranty and may result in serious injury and/or damage the fixture and/or property.

**SAFETY WARNING:** Luminaire can become very hot depending on the lamp wattage used. Lens and housing around the lamp can become hot enough to blister hands. Particular care should be taken not to locate luminaires where small children can reach them if high wattage lamps are used.

**NOTE:** Luminaires are not to be installed within 10 ft. (3.05m) of pool or spa. Secondary cable is not to be buried more than 6". When using multiple Luminaires, load should not exceed the total watts of transformer rating. Do not use extension cords on power units.

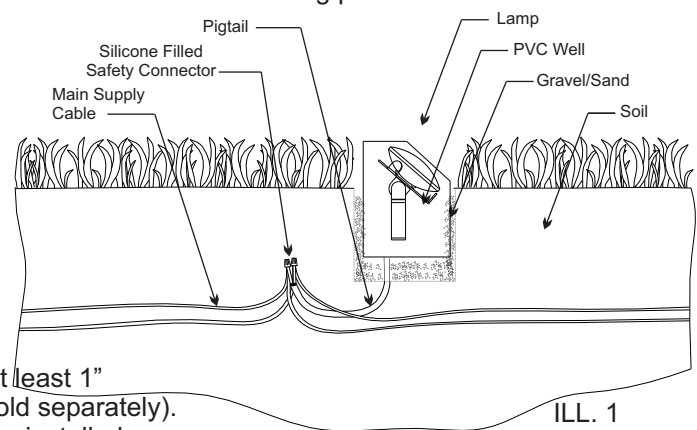
**NOTE:** Save these instructions for future reference.

### BEFORE INSTALLATION:

This is a low voltage fixture for use with maximum of 25A, 15V power units. A remote transformer is required. The main cable from the power units should be buried for no less than 6 inches under the ground level and can be purchased from Evergreen Outdoor a Division of Orbit Industries, Inc.

**PRECAUTION:** Luminaire is not submersible and adequate drainage must be provided during installation. It is recommended that the luminaire be surrounded by 3" to 4" of pea gravel or sand to assure proper drainage. Top of luminaire must be above grade so rain and irrigation water cannot accumulate for long period of time.

1. To prevent electrical shock, disconnect transformer from electrical supply before installation or service.
2. With a screwdriver, loosen terminal screws located on the back of the PAR-36 lamp.
3. Connect leads to lampholder and tighten screws.
4. Coat screws with silicone grease.
5. Snap-in the lamp into gimbel holder.
6. Dig hole approximately 9" diameter by 11" deep. This allows approximately 3" of pea gravel or sand to surround the PVC sleeve.



ILL. 1

**NOTE:** PVC sleeve is reversible. Straight cut end allows at least 1" above to put optional cover S530 or 53L Louver (sold separately). Angle cut end requires the top three (3) inches to be installed above ground for vertical aiming.  
SEE ILL. 2

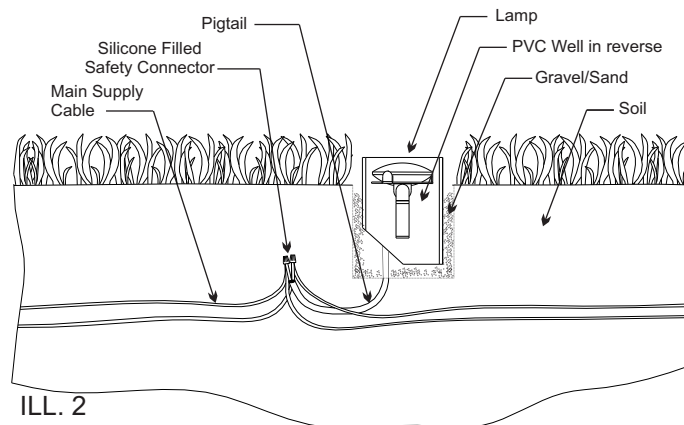
7. Place luminaire with support bracket inside PVC sleeve and adjust angle with adjusting screw on side of support bracket. Push luminaire and support bracket down to desired level.
8. Run wire pigtail through bottom of PVC sleeve and strip the two (2) leads from the luminaire wire. Using CO-3 connector (provided) or two (2) silicone filled safety connectors (not provided), connect the leads from the luminaire to the main supply cable leads.



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**NOTE:** Luminaires are supplied with 36" of 18-2 cable pigtail for secure connection to the main supply cable. The wire is to be protected by routing in close proximity to the luminaire. The wiring should be buried a maximum depth of 6 inches in order to connect to the main supply cable.

9. Backfill hole after installation with pea gravel or sand.
10. Provide power to the luminaire and check for proper operation.



### IMPORTANT SAFETY INSTRUCTIONS THE LIGHTED LAMP IS HOT!!!

**WARNING: TO REDUCE THE RISK OF FIRE, OR INJURY TO PERSONS:**

1. Turn off/unplug and allow to cool before replacing lamp.
2. Lamps get hot quickly! Contact only switch/plug when turning on.
3. Do not touch hot lens, guard or enclosure.
4. Keep lamp away from material that may burn.
5. Do not touch the lamp at any time. Use a soft cloth. Oil from skin may damage lamp.
6. Do not operate luminaire fitting with a missing or damaged cover.

**SAVE THESE INSTRUCTIONS**

#### Lamp Installation/Replacement:

**CAUTION:** Do not exceed maximum wattage marked on luminaire label.

1. To prevent electrical shock, disconnect from electrical supply before service.
2. Loosen terminal screws located on the back of the PAR-36 lamp.
3. Connect lamp holder leads to lamp terminals and tighten screws.
4. Coat screws with silicone grease.
5. Snap-in the lamp into gimbel holder.

NOTE: Halogen lamps must be protected from moisture and dust at all times.

