

## INSTALLATION INSTRUCTIONS



**WARNING:** 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.

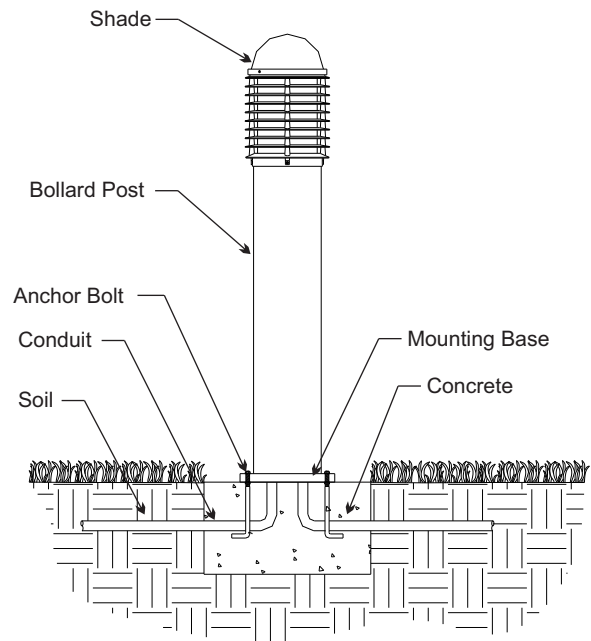
**NOTE:** Luminaires are not to be installed within 10 ft. (3.05m) of pool or spa. Do not use extension cords on power units.

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

### POUR CONCRETE INSTALLATION:

**NOTE:** The Bollards may be installed directly into the ground, however, for a permanent and secure installation a concrete footing support for the bollard base is recommended.

1. Make sure electrical supply is off at circuit breaker before starting luminaire installation or servicing.
2. Using standard masonry procedures, support bollard base in selected location making sure foundation anchor nuts remain above concrete grade.
3. Install conduit.
4. Pull supply wires (line in) through conduit into bollard base.
5. Pour concrete at least 6" thick.
6. When ready to install bollard, attach luminaire leads to line in leads observing polarity, black to black, white to white and green to ground using silicone filled safety connectors (provided).
7. Supply power to the luminaire and check for proper operation.



FOR LANDSCAPE APPLICATION ONLY

**NOTE:** Illustrations are used for reference purpose only, actual fixture may differ on each luminaire.

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### MAINTENANCE:

To assure proper operation and efficiency and to prevent luminaire overheating, lens must be kept clean and free of dirt, dust, leaves, trash and mineral deposits from water. A regular schedule maintenance program is recommended.

### 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 the screws, then remove shade to expose lamp.
3. Replace lamp with correct wattage and type marked on fixture label.

**NOTE:** DO NOT touch lamp with bare hands. Always use soft cloth or the plastic wrapping (if available) from the lamp to handle the lamp.

4. Clean the gasket and gasket channel.
5. Re-install gasket, shade, then tighten the screws evenly.