



### IMPORTANT NOTE:

Luminaire must be installed and grounded in accordance with the National Electrical Code (NEC) and local codes.  
Luminaire is UL listed for above grade installation only.  
Always use UL recognized wire connectors for connections.

**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.

**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.

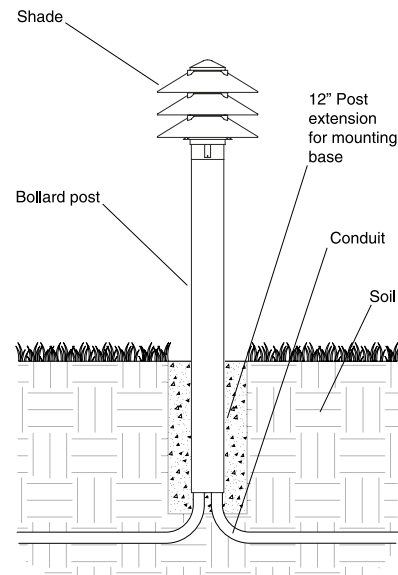
**NOTE:** Save these instructions for future reference



## POUR CONCRETE INSTALLATION

**NOTE:** The 1451 Bollard is provided with 12" extra post length to facilitate an in-ground installation. However, for a permanent and secure installation a concrete footing support for the bollard post 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 post in selected location.
3. Install conduit.
4. Pull supply wires (line in) through conduit into bollard.
5. 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).
6. Pour concrete at least 2" thick.
7. Install lamp.
8. Supply power to the luminaire and check for proper operation.



### 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 operate luminaire fitting with a missing or damaged cover.

## LED 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. Using a Phillips screw driver, turn blade screws to open position (do not remove blade screws).
3. Remove shade to expose globe lens.
4. Unscrew globe lens counter clockwise and remove to expose lamp.
5. Replace lamp with correct wattage and type marked on fixture label.
6. Replace globe lens and shade.
7. Turn blade screws to closed position.

Lamp Information		
Model	Lamp Type	Max Wattage
1451	A19	75

