

LumARBOR



SAVE THESE INSTRUCTIONS



BEFORE YOU BEGIN

Read and follow all safety instructions



WARNING

RISK OF FIRE, EXPLOSION AND ELECTRIC SHOCK

- This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes.
- Turn off electrical power before inspection, installation or removal.
- Use only UL (or other NRTL) approved wire for input/output connections. Minimum size 18 AWG, or 14 AWG for continuous runs.
- Make sure LEDs and drivers are cool to touch when performing maintenance.
- Make sure the supply voltage is the same as the rated voltage of the luminaire.
- Do not install in a hazardous atmosphere, except where the ambient temperature does not exceed the rated operating temperature of the fixture.
- Keep tightly closed when in operation



Prepare Electrical Wiring



Electrical Requirements

- The LED driver must be supplied with the voltage specified on the product label and connected to an individual grounded branch circuit protected by a circuit breaker properly rated for the total load of the luminaire and any other luminaires on the same circuit. Use supply wiring rated for a minimum of 75°C.



Grounding Instructions

- The grounding and bonding of the overall system shall be done in accordance with NEC Article 600 and local codes.

LumARBOR

Outdoor LED Bollard

Installation Guide

Tools Required

- Wire Strippers
- Flat Head Screwdriver
- Wire Cutters
- Bubble Leveler

Preparation

- Check for visible damage to the fixture, accessories, or electrical wires.



CAUTION: Ensure the branch supply power is shut off at the breaker panel before continuing with the installation.

Installation Steps

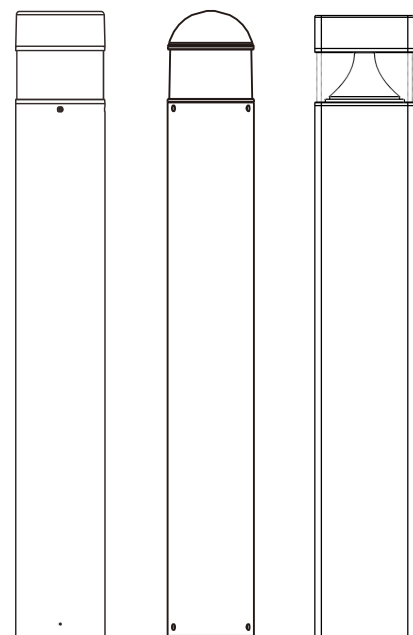
1. Remove the three (3) screws near the bottom of the bollard and remove the base. Set the screws aside.
2. Unpack the hardware kit:
(6) flat washers, (3) lock washers, (6) hex nuts, (3) 11" anchor bolts
3. Disconnect the orange quick-disconnects from the LED Driver and FAO. Set the main housing aside.
4. Pour the concrete foundation. It should be a minimum of 12" in diameter, finished level and smooth, with a depth below grade of 24". Supply leads must extend a minimum of 31" above top of finished foundation.

Note: The foundation should be slightly elevated from the surrounding area to keep the bollard from standing in water.

5. Use the supplied template to set the anchor bolts in the proper locations while the concrete is wet. Once the anchor bolts are positioned correctly, allow the concrete to completely dry.

Note: The anchor bolts should project 2" vertically from the foundation.

6. Remove the template and install a hex nut and flat washer on each anchor bolt for leveling.
7. Guide the mounting base over the anchor bolts and ensure it is level. Adjust the leveling nuts if needed.
8. Secure the base to the anchor bolts using the remaining flat washers, lock washers and hex nuts.
9. Wire the supply leads to the terminal block on the top of the base. Adjust the FAO controller settings at this time.
10. Lift the main housing over the base, reconnect the quick-disconnects, and slide the housing onto the base.
11. Reinstall the three (3) screws to secure the bollard housing to the base.
12. Restore branch supply power and ensure the fixture functions properly. If the fixture does not turn on or function properly, shut off the branch supply power and recheck all electrical connections.

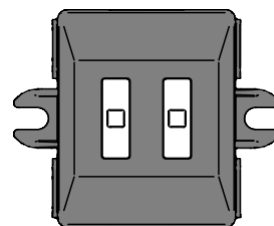


LARF
Round Flat
Top

LARD
Round
Dome Top

LASF
Square Flat
Top

FAO Controller



Wiring Diagram

