

LED Bollard Mounting Guidance

This fixture must be wired and installed in accordance with the **NATIONAL ELECTRICAL CODE** and all state and applicable local codes and ordinances. These codes and ordinances supersede any and all guidance contained herein. Installation should be performed only by a licensed and bonded electrician.

The manufacturer takes no responsibility for the product not installed under those guidelines and those contained in this document.

PROPER MOUNTING TO PROVIDE OPEN GAP BETWEEN BASEPLATE AND CONCRETE BASE IS REQUIRED TO INSURE MOISTURE CONTROL.

For proper weatherproof function, leveling nuts and washers MUST be installed under base plate, and then secured with washer and nut on top after leveling with bubbles on baseplate. DO NOT caulk or grout the small gap between the baseplate and the concrete base. This gap allows for normal condensation that can accumulate on the aluminum bollard body during weather conditions that bring temperatures through the dew point. It allows for water to exit the fixture body and air flow that helps with evaporation.

FAILURE TO PROVIDE THIS GAP AT THE BASE OF THE FIXTURE WILL VOID PRODUCT WARRANTY.

Bollard Mounting Guidelines (See Diagram)

1. Concrete base dimensions are determined by the project structural or civil engineer. Manufacturer makes no recommendations as to base specifications.
2. When installing base in earth (landscape areas), base MUST be minimum of 2" above finished grade. DO NOT install in low areas subject to pooling of water.
3. DO NOT cover base of fixture with mulch or other landscape materials.
4. When installing in concrete hard surface areas assure that concrete areas provide slope away from Bollard for proper drainage. Gap MUST be maintained considering finish materials such as tile or decorative stone paving.
5. Install anchor bolts in base using template provided with fixture for proper location.
6. Use bollard baseplate to determine conduit entrance locations.
7. Install bollard baseplate using leveling nuts and washers to ensure small gap between bollard base and concrete base.
8. Make wiring connections per local code authority requirements.
9. Place bollard over mounting plate and install set screws. Bollard may be rotated on base prior to final tightening to adjust orientation to site conditions.

