

WARNING - RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY. FIXTURE IS INTENDED FOR INSTALLATION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LOCAL AND FEDERAL SPECIFICATIONS. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

RETAIN THESE INSTRUCTIONS FOR MAINTENANCE REFERENCE.

TOOLS REQUIRED:

1. Hex wrench set
2. Wire cutter/strippers
3. Appropriate wire connectors (Consult electrical codes)

INSTALLATION NOTES

1. A poured concrete footing is required for installation
2. Anchor bolts and metal spacing device are supplied to set the distance of the bolts. (Figure 1)
3. Consult a local architect or engineer for guidelines and requirements on the footing
4. Conduit for wires must be place within the center of the triangular shaped spacing device at the planned center of the installation in order enter the bottom of bollard.
5. Set the bolts in concrete per local codes.
6. When the footing is ready for installation, the base of the bollard (Figure 2) will be secured to the preset bolts.

Refer to further notes on page 2 of this document.

Figure 1

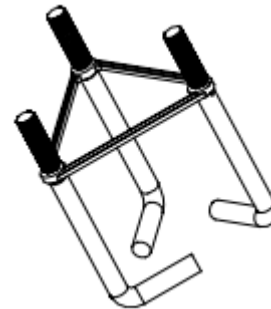


Figure 2



LED BOLLARD INSTALLATION INSTRUCTIONS

These instructions should be followed to minimize condensation of moisture on the inside of the lens.

IMPORTANT:

Read instructions carefully before installing.

This fixture must be installed by a qualified electrician.

WARNING- Risk of fire or electrical shock.

WARNING- Make certain power is switched OFF before starting installation or attempting any maintenance.

IMPORTANT SAFETY INFORMATION:

This fixture must be wired in accordance with the National Electrical Code (NEC) and applicable local Codes and Ordinances. Proper grounding is required to insure personal safety. Observe all grounding procedures.

MATERIALS NEEDED:

- Silicone sealant, used to seal the end of the wiring conduit.
- Spray expanding foam, used to fill and seal the base of the bollard body.

STEP 1:

Remove the base from the bollard and retain the set screws to use when reinstalling the bollard body. Install the bollard anchor bolts and attach the bollard base plate to them. The method used to set the anchor bolts is dependent on the installation location and any applicable codes and ordinances, and are not a part of these instructions. Make sure the conduit containing the line feed is located within the base plate area and will extend up inside the body of the bollard when the bollard is placed on the base.

STEP 2:

Completely seal the exposed end of the wire conduit using the silicone sealant. (Figure 1)

STEP 3:

Remove the head of the bollard by loosening the set screws located on the outside of the bollard body underneath the head plate and place the head and set screws aside. Place the bollard body on the installed base and secure to the base using the set screws retained in Step 1.

STEP 4:

Fill the bottom of the bollard with approximately 5 inches of spray expanding foam, ensuring the foam makes complete contact around the conduit and the inside of the bollard body. (Figure 2)

STEP 5:

Allow time for foam to expand, then visually inspect to confirm the foam does not contain gaps between the foam and the conduit, or the foam and the inside of the bollard body. (Figure 3)

STEP 6:

Complete the bollard installation following all NEC and applicable local Codes and Ordinances.



Figure 1

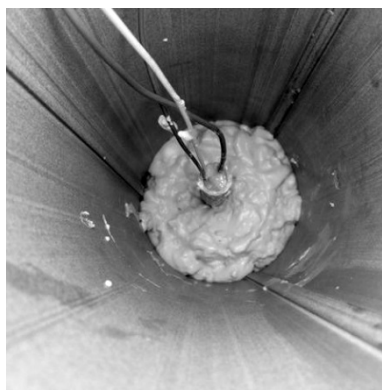


Figure 2



Figure 3