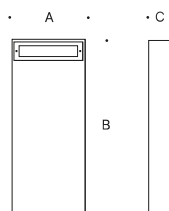


Tools Required:

- 6mm socket wrench
- T27 Torx screwdriver
- 5/16" drill bit

Overview:

LED Watts: 12.0W
 System Watts: 15.0W
 Controllability: 0-10V, Dimmable down to 1%
 Weight: 26.4 lbs.
 Protection Class: IP65


Dimensions

A: 13-1/4"

B: 31-1/2"

C: 3-7/8"


Notice to Installer for 85 177:

1. Fixture may be damaged if connected to conduit systems that contain water. Article 300-5G of the National Electric Code requires that "Conduits or raceways through which moisture may contact energized live parts shall be sealed or plugged at either or both ends."
2. It is recommended that when installing in planting areas the base of the bollard be slightly elevated to avoid prolonged submerging during heavy rains.
3. Wet location listing does not imply suitability for exposure to standing water for long periods of time.
4. 79 825 anchorage kit is installed AFTER concrete pouring. There is no anchorage installation required during concrete pouring.
5. LEDs are high-quality electronic components! Please avoid touching the light output opening of the LED directly during installation.

79 825 anchorage installation:

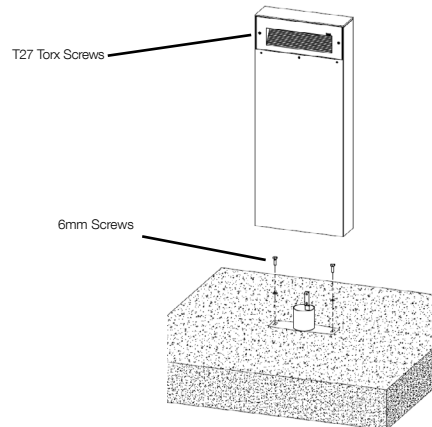
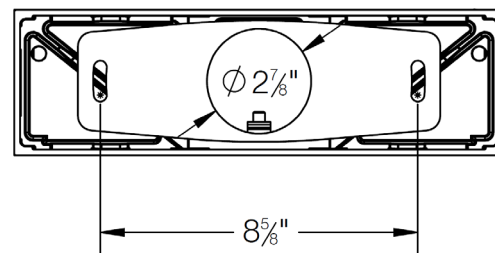
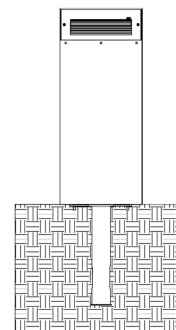
1. Provide means to bring supply wiring to the bollard location in accordance with local code and pour concrete for finished grade. The bollard mounting plate has a 2-7/8" diameter hole for conduit entry.
2. Loosen (2) 6mm set screws at bollard base and remove mounting plate.
3. After establishing finished grade, mark the location of the (2) anchorage drill holes using the mounting plate of the fixture as a template (Figure 1).
4. Drill (2) 5/16" holes in concrete at the marked locations.
5. Align mounting plate holes with drill holes.
6. Drive the sleeve anchors through the mounting plate and into the drilled holes until seated flush.

71 890 direct burial (optional) installation:

1. Provide means to bring supply wiring to the conduit entry location per local code (20" of supply wire above finished grade is required to make connections.)
2. Prepare soil for anchorage or cast the post in concrete.
3. Make sure anchorage is installed firmly into the ground and mounted level to the surface. NOTE: ENSURE THAT THE FLANGE PLATE IS ENTIRELY LEVEL AND FLUSH WITH THE TOP EDGE OF THE SURFACE
4. Remove (2) mounting bolts and washers from the anchorage unit
5. Align mounting base of the bollard tube, place onto top of anchorage post.

85 177 - installation:

1. Bolt the base plate to the anchorage kit using the (2) 6mm bolts and washers provided.
 2. Make supply wiring connections to wire leads from driver inside the fixture
 MAIN VOLTAGE SUPPLY WIRE TO BLACK DRIVER WIRE;
 NEUTRAL (COMMON) SUPPLY WIRE TO WHITE DRIVER WIRE;
 GREEN GROUND WIRE TO GREEN DRIVER WIRE.
- Dimming:
- DIMMING CONTROL WIRE (+) TO POSITIVE DRIVER DIM CONTROL WIRE
 - DIMMING CONTROL WIRE (-) TO NEGATIVE DRIVER DIM CONTROL WIRE.
3. Place the bollard over the base plate and secure by tightening the (2) 6mm screws (Figure 2).

Figure 1: Concrete Mounting

Figure 2: Bottom View

Figure 3: Installation Image

Accessories

Please refer to the appropriate accessory installation sheet for further instruction when applicable.

Maintenance:

Clean regularly with solvent-free cleaner removing dirt and debris. Do not use high pressure cleaners.

Replacement Parts

See label inside of fixture for LED replacement part number.

Consult factory for all other replacement components.

Product Safety Warnings:

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.
SUITABLE FOR WET LOCATIONS.
SUITABLE FOR MOUNTING WITHIN 1.3 m (4 ft) OF THE GROUND
MIN 60°C SUPPLY CONDUCTORS.

CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS.
CONVIENT AUX EMPLACEMENTS MOUILLES.
PEUT ÊTRE INSTALLÉ À MOINS DE 1,2 m (4 pi) DU SOL
LES FILS D'ALIMENTATION 60°C MIN.