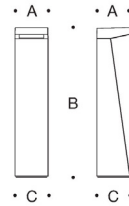


Tools Required:

- 5mm hex head screwdriver
- 10 mm socket

Overview:

LED Watts: 11.5W
 System Watts: 18.0W
 Controllability: 0-10V, TRIAC, and ELV dimmable
 Weight: 27.1 lbs.
 Protection Class: IP65



Dimensions

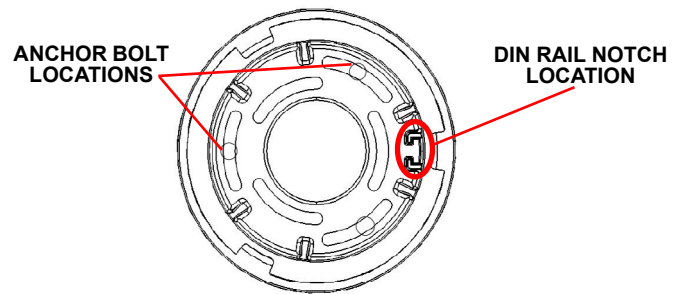
A: 8-5/8"
B: 38-7/8"
C: 8-5/8"



Notice to Installer:

1. See page 3 for specific product safety warnings.
2. Fixture may be damaged if connected to conduit systems that contain water - Article 300-5G of the National Electric Code requires that "Conduits or raceway through which moisture may contact energized live parts shall be sealed or plugged at either or both ends."
3. For proper installation, an accompanying bollard head must be selected with the bollard tube.
4. 79 818 anchorage kit (included) must be installed in concrete pad/foundation.
5. It is recommended that when installing in planting areas the bollard base be slightly elevated to avoid prolonged submerging during heavy rains.
6. Wet location listing does not imply suitability for exposure to standing water for prolonged periods of time.
7. LEDs are high-quality electronic components! Please avoid touching the light output opening of the LED directly during installation.
8. Emergency LED driver in bollard tube is for use with 120V OR 277V ONLY. This driver is not 120V-277V.

Figure 1: (BASE ORIENTATION - EMPK OPTION)



PATHWAY

79 818 anchorage installation:

1. Provide means to bring supply wiring to the bollard in accordance with local code. (20" of supply wire above finished grade is required to make connections.)
2. Assemble anchorage kit. Unscrew the (3) hex bolts from the female couplers. Remove each hex bolt and washer. Align each anchor bolt with the hole in the template. Attach each anchor bolt to the template by replacing the washer and hex bolt and tighten.
***NOTE (FIGURE 1): FOR EMPK OPTION THE ORIENTATION OF THE BASE IS CRUCIAL FOR PROPER INSTALLATION.**
3. Determine the finished grade for the application. Use leveling hardware to adjust template to desired finished height after pouring.
4. Install anchorage kit using either method:
 - A. Attach template to forming or cross bracing using the (2) nail holes provided in the template. Level template properly. Pour concrete.
 - B. Insert anchorage assembly into poured concrete. Concrete must be vibrated to ensure proper anchorage setting. Level template properly.

(See page 2 for luminaire installation)

Luminaire Accessories

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

Mounting 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.

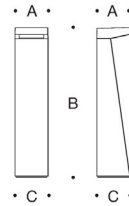
Consult factory for all other replacement components.

Tools Required:

- 5mm hex head screwdriver
- 10mm socket

Overview:

LED Watts: 11.5W
 System Watts: 18.0W
 Controllability: 0-10V, TRIAC, and ELV dimmable
 Weight: 27.1 lbs.
 Protection Class: IP65



Dimensions

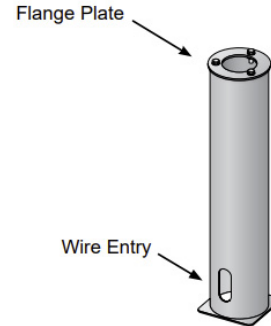
A: 8-5/8"
B: 38-7/8"
C: 8-5/8"



70 896 direct burial (optional) anchorage 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.) (FIGURE 2)
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 (3) mounting bolts and washers from the anchorage unit
5. Align mounting base of the bollard tube, place onto top of anchorage post. ***NOTE (FIGURE 1, page 1): FOR EMPK OPTION THE ORIENTATION OF THE BASE IS CRUCIAL FOR PROPER INSTALLATION.**

Figure 2



Luminaire 84 462 installation:

1. Ensure anchorage is set with the finished grade, as the anchorage must not be below the finished grade.
2. Loosen the set screw at the base of the bollard, rotate and remove the mounting base.
3. Secure mounting base to anchorage using the 3 hex bolts supplied with the anchorage kit.
4. Pull wiring from fixture to make connections with supply wiring.
5. Make supply wiring and luminaire wiring connections inside luminaire:
 MAIN VOLTAGE SUPPLY WIRE TO BLACK LUMINAIRE WIRE
 NEUTRAL (COMMON) SUPPLY WIRE TO WHITE LUMINAIRE WIRE
 GREEN GROUND WIRE TO GREEN LUMINAIRE WIRE
 Dimming (if applicable):
 DIMMING CONTROL WIRE (+) TO POSITIVE DRIVER DIM CONTROL WIRE
 DIMMING CONTROL WIRE (-) TO NEGATIVE DRIVER DIM CONTROL WIRE
6. Place luminaire over the mounting base rotate into desired position.
7. Tighten set screw to fix the luminaire into place.

Luminaire 84 462 EMPK (optional):

1. EMPK wiring instructions:
 SWITCHED MAIN VOLTAGE SUPPLY WIRE TO BLACK LED DRIVER WIRE;
 NEUTRAL (COMMON) SUPPLY WIRE TO WHITE LUMINAIRE WIRE;
 GREEN GROUND WIRE TO GREEN LUMINAIRE WIRE.
 SWITCH/TIMER SUPPLY WIRE TO RED/WHITE LUMINAIRE WIRE
 Dimming (if applicable):
 DIMMING CONTROL WIRE (+) TO POSITIVE DRIVER DIM CONTROL WIRE.
 DIMMING CONTROL WIRE (-) TO NEGATIVE DRIVER DIM CONTROL WIRE.

NOTE: Battery should be charged once luminaire is fully installed on site, allow 24 hours for battery to reach full charge.

Luminaire Accessories

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

Mounting 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. 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 MOUILLÉS. LES FILS D'ALIMENTATION 60°C MIN.