

Tools Required:

- 4mm hex head screwdriver
- Medium flat head screwdriver

Overview:

LED Watts: 29.1W
 System Watts: 34.0W
 Controllability: 0-10V, TRIAC, and ELV dimmable
 Weight: 11.5 lbs.
 Protection Class: IP67

Notice to Installer:

1. See page 2 for product safety warnings.
2. 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 hazards involved.
3. BEGA luminaires may be damaged if connected to conduit systems containing water - Article 300-5G of the National Electric Code requires that all "Conduits or raceways through which moisture may contact energized live parts shall be sealed or plugged at either or both ends."
4. Separate wiring box suitable for wet locations provided by BEGA.
5. Optional direct burial anchorage available - BEGA 70896.
6. A level surface must be provided for proper installation.
7. Proper drainage **MUST** be provided. Failure to do so may cause damage to luminaire and void warranty.
8. When installing the fixture in organic mulch, surround wiring box with approximately 6" of sand or other non-organic material.

Installation: BB7089LED In-ground wiring box

1. Establish location of wiring box.
2. Connect wiring box to 1/2" NPS plastic or steel conduit using a suitable thread sealer on wiring box sides or bottom. Pull supply wiring into the wiring box for later electrical connections.
3. Establish proper foundation for wiring box. Use mounting holes provided on wiring box flange (Figure 1) to anchor the wiring box to the foundation. Ensure that the wiring is oriented properly for the correct direction of illumination (Figure 2).
4. Ensure finished surface is flush with the top edge of the wiring box.

Installation: Optional 70896 Direct Burial Anchor Kit (Figure 3):

1. Provide means to bring supply wiring to the conduit entry location per with local code. Wiring will take place in direct burial anchorage tube.
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. Feed luminaire wires into direct burial anchorage and make wiring connections inside the tube using waterproof connectors:
 MAIN VOLTAGE SUPPLY WIRE TO BLACK LUMINAIRE WIRE
 NEUTRAL (COMMON) SUPPLY WIRE TO WHITE LUMINAIRE WIRE
 GREEN GROUND WIRE TO GREEN LUMINAIRE WIRE
 0-10V dimming (if applicable):
 DIMMING CONTROL WIRE (+) TO PURPLE LUMINAIRE WIRE
 DIMMING CONTROL WIRE (-) TO GREY LUMINAIRE WIRE
6. Skip to step 3 on Installation: 84174 luminaire (below).

Installation: 84174 luminaire

1. Feed luminaire wires into in-ground wiring box and make wiring connections inside the box:
 MAIN VOLTAGE SUPPLY WIRE TO BLACK LUMINAIRE WIRE
 NEUTRAL (COMMON) SUPPLY WIRE TO WHITE LUMINAIRE WIRE
 GREEN GROUND WIRE TO GREEN LUMINAIRE WIRE
 0-10V dimming (if applicable):
 DIMMING CONTROL WIRE (+) TO PURPLE LUMINAIRE WIRE
 DIMMING CONTROL WIRE (-) TO GREY LUMINAIRE WIRE
2. Following the instructions on the re-enterable potting compound packaging, combine and mix the compound and fill the wiring box making sure to fully encase the wiring connections.
3. Remove the square mounting plate from the bottom of the luminaire by loosening the (2) 4mm set screws (Figure 3). Orient the plate on the in-ground box or direct burial anchorage for the desired light direction, and attach using the (3) flat head screws (wiring box) or mounting bolts and washers (direct burial anchorage).
4. Attach luminaire to the mounting plate by aligning the housing with the plate and tightening the (2) 4mm set screws.

Accessories

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

Dimensions

A: 10 3/8"

B: 2 7/8"

C: 1 1/2"

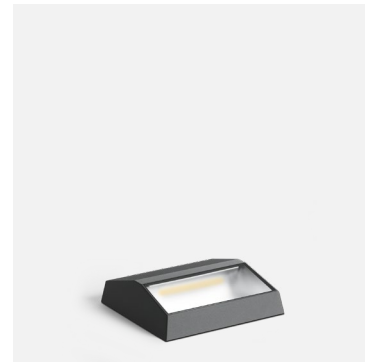
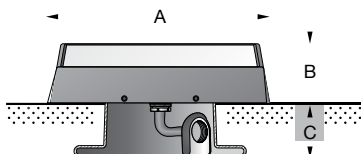


Figure 1: BB7089LED in-ground wiring box

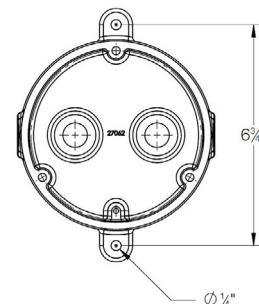


Figure 2: Direction of illumination - mounting plate from bottom

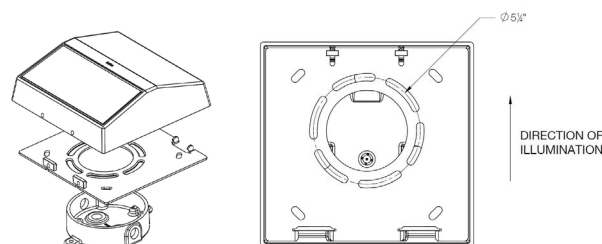
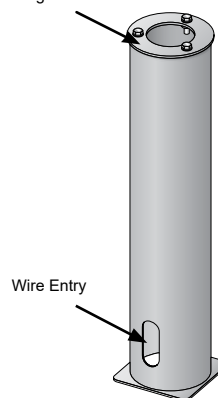


Figure 3: 70896 direct burial anchor installation:

Flange Plate



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 90°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 90°C MIN.