

Tools Required:

- T10 torx screw driver
- 2.5mm hex key
- 3mm hex key



Dimensions

- A: 12-1/2 "
- B: 2-3/4 "
- C: 5 "



Protection Class: IP65

Weight: 2.1 lbs.

Notice to installer for 33 166:

1. See page 2 for specific product safety warnings.
2. **BEGA luminaires may be damaged if connected to conduit systems containing water - Article 300-5G of 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".**
3. Luminaire is Non-IC rated. Insulation must be at least 3" from luminaire.
4. Suitable for installation in hollow wall construction or poured concrete construction.
5. Installation housing provided with (8) 1/2" trade size conduit holes.
6. Installation housing must be installed so that the front face is flush with the finished wall.
7. Suitable for wall applications only. (No ceiling and in-grade applications).

BB24065 - installation in hollow (stud) wall construction:

1. Install (2) slotted mounting brackets provided as shown in Figure #1, using the (4) self-tapping M4 screws provided with installation kit.
2. Adjust the brackets (by loosening screws) so that the front face of the installation housing will be flush with the finished wall surface after installation (see Figure #2).
3. Secure the mounting brackets to wood or metal horizontal blocking as shown in Figure #2.
4. Remove internal wiring cover plate by loosening (4) M3 hex head captive screws.
5. Connect conduit to installation housing and pull wires for electrical connections to be made later.
6. Replace internal wiring cover plate by evenly tightening (4) M3 hex head captive screws.
7. Install wooden insert and finish wall.

BB24065 - installation in poured concrete construction:

1. Install (4) threaded M4 rods in the end caps of the installation housing, and hand tighten until fully secure (see Figure #3).
2. Remove internal wiring cover plate by loosening (4) M3 hex head captive screws.
3. Connect conduit to installation housing and pull wires for electrical connections to be made later.
4. Replace internal wiring cover plate by evenly tightening (4) M3 hex head captive screws.
5. Replace wooden insert into installation housing to protect during construction.
6. Attach installation housing to form using (4) wing nuts provided so that the front face of the installation housing will be flush with the finished surface (see Figure #4).
7. Pour concrete. **NOTE: DO NOT PUMP OR DROP CONCRETE DIRECTLY ON TOP OF THE INSTALLATION HOUSING.**
8. Remove the wing nuts from threaded rods before removing form.

33 166 Installation:

1. Remove wooden insert and debris from sealing surface.
2. Remove internal wiring cover plate by loosening (4) M3 hex head captive screws.
3. Feed luminaire wires through rubber nipple in center of wiring cover plate, and make supply wiring connections:
 MAIN VOLTAGE SUPPLY WIRE TO BLACK DRIVER WIRE
 NEUTRAL (COMMON) SUPPLY WIRE TO WHITE DRIVER WIRE
 GREEN GROUND WIRE TO GREEN DRIVER WIRE
 Dimming (if applicable):
 DIMMING CONTROL WIRE (+) TO POSITIVE DRIVER DIM CONTROL WIRE
 DIMMING CONTROL WIRE (-) TO NEGATIVE DRIVER DIM CONTROL WIRE.
4. Replace internal wiring cover plate by evenly tightening (4) M3 hex head captive screws.
5. Place a small bead of silicone between the edge of housing and wall to provide a seal.
6. Install sealed luminaire into installation housing and secure by evenly tightening (2) T10 torx screws on front of luminaire to engage clamp system.

Figure 1:

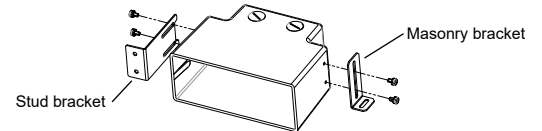


Figure 2:

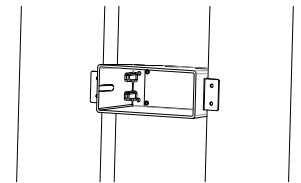


Figure 3:

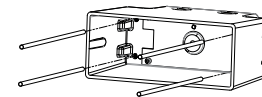


Figure 4:

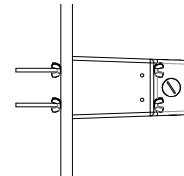
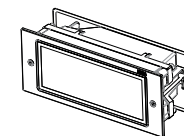


Figure 5:



Relamping/Maintenance

No relamping required.

Accessories

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

Replacement Parts

Description	Part No
Faceplate	FP33166
Gasket (Installation housing)	831527
Driver	76104
LED Board (3000K)	LED-0644/830
LED Board (4000K)	LED-0644/840

Lamp: 3.8W LED

In the interest of product improvement, BEGA reserves the right to make technical changes without notice.

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. MAXIMUM OF 4 #12 AWG THROUGH BRANCH CIRCUIT CONDUCTOR SUITABLE FOR 90°C PERMITTED IN BOX

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. UN MAXIMUM DE 4 CONDUCTEURS DE DÉRIVATION #12 AWG CONVENANT POUR 90°C SONT PERMIS DANS UNE BOÎTE.