

**Tools Required:**

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



**Dimensions**

A: 10-1/8 "  
B: 2-3/4 "  
C: 5 "



**Protection Class:** IP65

**Weight:** 1.8 lbs.

**Notice to installer for 33 165:**

- See page 2 for specific product safety warnings.
- 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".
- Luminaire is Non-IC rated. Insulation must be at least 3" from luminaire.
- Suitable for installation in hollow wall construction or poured concrete construction.
- Installation housing provided with (8) 1/2" trade size conduit holes.
- Installation housing must be installed so that the front face is flush with the finished wall.
- Suitable for wall applications only. (No ceiling and in-grade applications).

**BB24064 - installation in hollow (stud) wall construction:**

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

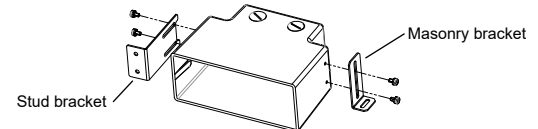
**BB24064 - installation in poured concrete construction:**

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

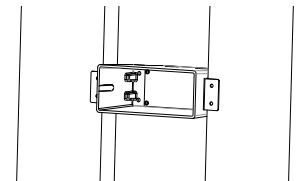
**33 165 Installation:**

- Remove wooden insert and debris from sealing surface.
- Remove internal wiring cover plate by loosening (4) M3 hex head captive screws.
- 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.
- Replace internal wiring cover plate by evenly tightening (4) M3 hex head captive screws.
- Place a small bead of silicone between the edge of housing and wall to provide a seal.
- Install sealed luminaire into installation housing and secure by evenly tightening (2) T10 torx screws on front of luminaire to engage clamp system.

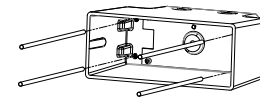
**Figure 1:**



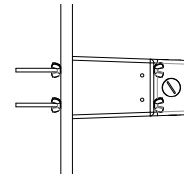
**Figure 2:**



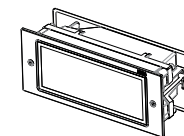
**Figure 3:**



**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	FP33163
Gasket (Installation housing)	831526
Driver	76121
LED Board (3000K)	LED-0643/830
LED Board (4000K)	LED-0643/840

**Lamp:** 5.9W LED

**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.**