

Tools Required:

- T10 torx head screwdriver
- T25 torx head screwdriver

Overview:

LED Watts: 8W
 System Watts: 10W
 Controllability: 0-10V dimmable down to 0.1%
 Weight: 1.98 lbs.
 Protection Class: IP65

Notice to Installer:

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. Suitable for installation in hollow wall construction or poured concrete construction.
4. Installation housing provided with (6) 1/2" NPT threaded conduit holes.
5. Installation housing must be installed so that the front face is flush with the finished wall.
6. Suitable for wall applications only. (No ceiling or in-grade applications).

Warning: A silicone-based sealant MUST be used between the faceplate of the installed fixture and the exposed surface of the back box. Failure to do so could result in water entry into back box and fixture failure.

BB24065 installation in hollow (stud) wall or masonry construction:

1. Install (2) slotted mounting brackets provided as shown in Figure 1, using the (4) self-tapping T25 torx head screws provided with the included kit (Kit #73).
2. Adjust the brackets so that the front face of the installation housing will be flush with the finished wall surface after installation, Figures 2a / 2b.
3. Secure the mounting brackets to wood or metal horizontal blocking using hardware (by others) as shown in Figure 2a OR to masonry unit using hardware (by others) as shown in Figure 2b.
4. Remove plastic insert.
5. Connect conduit to installation housing and pull wires for electrical connections to be made later.
6. Replace plastic insert and finish wall.

BB24065 installation in poured concrete construction:

1. Remove plastic insert.
2. Install (4) threaded M4 rods into the installation housing and hand tighten until fully secure, Figure 3.
3. Connect conduit to installation housing and pull wires for electrical connections to be made later.
4. Replace plastic insert, rods will fit through holes in plastic insert.
5. Attach the installation housing to concrete forms by using (8) wing nuts provided. Ensure that the front face of the installation housing will be flush with the finished surface.
6. Pour concrete. Do not pump or drop concrete directly on top of the installation housing. Doing so could deform or damage the installation housing.
7. After concrete has cured, remove wing nuts from threaded rods before removing the forms.

24881 luminaire installation:

1. Remove plastic insert and debris from installation housing.
2. Make wiring connection:

MAIN VOLTAGE SUPPLY WIRE TO BLACK DRIVER WIRE
 NEUTRAL (COMMON) SUPPLY WIRE TO WHITE DRIVER WIRE
 GREEN GROUND WIRE TO GREEN DRIVER WIRE/LUMINAIRE HOUSING

Dimming (if applicable):

DIMMING CONTROL WIRE (+) TO POSITIVE DRIVER DIM CONTROL WIRE
 DIMMING CONTROL WIRE (-) TO NEGATIVE DRIVER DIM CONTROL WIRE

3. Insert luminaire into installation housing and secure into place by evenly tightening the (2) T10 torx head screws on the front of the luminaire to engage the clamping system, Figure 4. Before tightening completely, apply a silicone-based sealant as outlined below:

Apply a silicone-based sealant between the faceplate of the installed fixture and the exposed surface of the back box to prevent water from entering the back box. At a minimum, use silicone on the top and side edges of the fixture.

Accessories

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

Dimensions

A: 12-1/2"

B: 2-3/4"

C: 5"

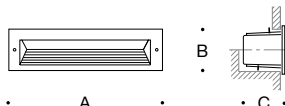


Figure 1: Included brackets

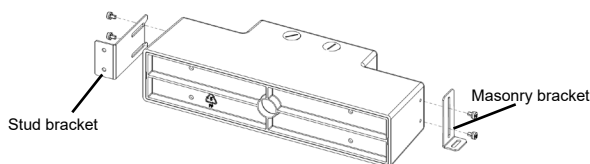


Figure 2a: Hollow (stud) wall

Figure 2b: Masonry wall

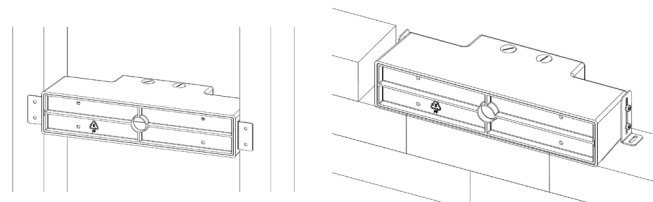


Figure 3: Poured concrete

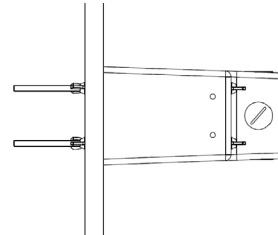
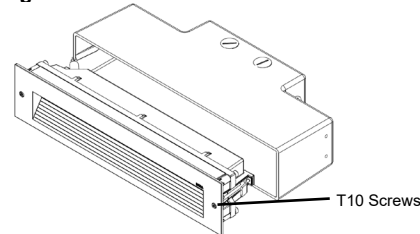


Figure 4: Installation



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 1.2m (4ft) OF THE GROUND
SUITABLE FOR USE IN POURED CONCRETE
MAXIMUM OF 4 NO. 12AWG THROUGH BRANCH CIRCUIT CONDUCTOR SUITABLE FOR 60°C PERMITTED IN BOX
TYPE IC INHERENTLY PROTECTED
VAPOR BARRIER MUST BE SUITABLE FOR 90°C WHEN INTENDED FOR USE IN CANADA
FOR USE IN NON-FIRE-RATED INSTALLATIONS ONLY
NOT FOR USE IN ENVIRONMENTAL AIR-HANDLING SPACES
WALL MOUNT ONLY

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
PEUT ÊTRE UTILISÉ DANS LE BÉTON COULÉ
UN MAXIMUM DE 4 CONDUCTEURS DE DÉRIVATION 12AWG CONVENANT POUR 60°C SONT PERMIS DANS UNE BOÎTE
TYPE IC PROTECTION INHÉRENTE
LE PARE-VAPEUR DOIT CONVENIR POUR 90°C
UTILISER SEULEMENT DANS DES INSTALLATIONS OÙ LE DEGRÉ DE RÉSISTANCE AU FEU N'EST PAS ÉTABLI
NE PAS UTILISER DANS DES ESPACES SERVANT AU TRAITEMENT DE L'AIR
INSTALLATION MURALE SEULEMENT

LES FILS D'ALIMENTATION 60°C MIN.