Installation and Technical Information

LED recessed wall - asymmetric forward throw 24 065

**Tools Required:**
- T10 torx screw driver
- 2.5mm hex key
- 3mm hex key

**Protection Class:** IP65

**Weight:** 2.1 lbs.

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**Weight:** 2.1 lbs.

**Notice to installer for 24 065:**
1. See page 2 for specific product safety warnings.
2. BEGA luminaires may be damaged if connected to conduit systems containing water.
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.

**24 065 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
4. Dimming (if applicable):
   - DIMMING CONTROL WIRE (+) TO POSITIVE DRIVER DIM CONTROL WIRE
   - DIMMING CONTROL WIRE (-) TO NEGATIVE DRIVER DIM CONTROL WIRE.

**Relamping/Maintenance**
No relamping required.

**Lamp:** 8.7W LED

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

**Replacement Parts**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No</th>
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</thead>
<tbody>
<tr>
<td>Faceplate</td>
<td>FP24065</td>
</tr>
<tr>
<td>Gasket (Installation housing)</td>
<td>831527</td>
</tr>
<tr>
<td>Driver</td>
<td>76121</td>
</tr>
<tr>
<td>LED Board (3000K)</td>
<td>LED-0742/830</td>
</tr>
<tr>
<td>LED Board (4000K)</td>
<td>LED-0742/840</td>
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</tbody>
</table>

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

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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 MOUILLES.
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.