

Tools Required:

8mm hex key
5mm hex key
Adjustable wrench

Protection Class: IP65

Weight: 351.8 lbs



Dimensions

A: 15-3/4 x 15-3/4 "
B: 52 "
C: 192 "



Notice to Installer for 99 877:

1. Fixture may be damaged if connected to conduit systems that contain water - Article 300-5G of the 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."
2. The light building element 99 877 consists of four (4) separately packaged parts - anchorage unit and three-part luminaire housing (See Figure 4).
3. 99 877 anchorage kit must be installed in concrete foundation. Once installed fixture orientation is set.
4. The size of the foundation depends on the topography, condition of soil, and the wind load.
5. Anchorage top **MUST** be level or slightly above finished grade. Attention to alignment, leveling, and location is required for proper installation.
6. Wet location listing does not imply suitability for exposure to standing water for long periods of time.
7. LED module and LED driver provided, integral in top section of luminaire.
8. LEDs are high-quality electronic components! Please avoid touching the light output opening of the LED directly during installation.
9. See page 4 for specific product safety warnings.

99 877 anchorage installation:

1. Provide means to bring supply wiring to linear element in accordance with local code. The template has a 5" conduit hole for conduit entry. Provide adequate foundation reinforcement for the intended load (by others).
2. Remove the two-part anchor plate from the anchorage unit and attach the plates to the bottom of the anchorage unit. See Figure 2.
3. Please refer to figure to establish location of lower concrete foundation. The anchorage unit **MUST** BE buried. Position anchorage and level properly.
4. Route supply wiring through the anchorage unit. See Figure 2.
NOTE: SIZE OF THE FOUNDATION REQUIRED TO SET THE UNIT IN CONCRETE MUST BE DETERMINED BY SITE STRUCTURAL ENGINEER.
5. Align and level anchorage kit so the corners of the anchorage unit are aligned with the desired location and orientation of the corners of the rectangular square element.
NOTE: ONCE SET, THE ANCHORAGE UNIT CANNOT BE REORIENTED.
6. Install anchorage unit by pouring concrete around the shaft. Concrete must be vibrated to ensure proper anchorage setting. Level concrete.
NOTE: THREADED HOLES ON TOP OF ANCHORAGE UNIT MUST BE KEPT CLEAR OF CONCRETE AND DEBRIS. FAILURE TO DO SO WILL RESULT IN INABILITY TO PROPERLY INSTALL LIGHT BUILDING ELEMENT.

Figure 1

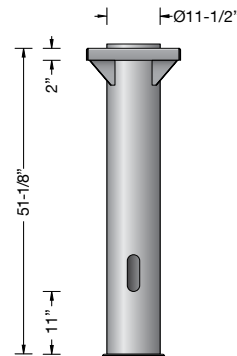


Figure 2

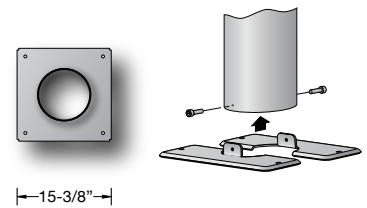
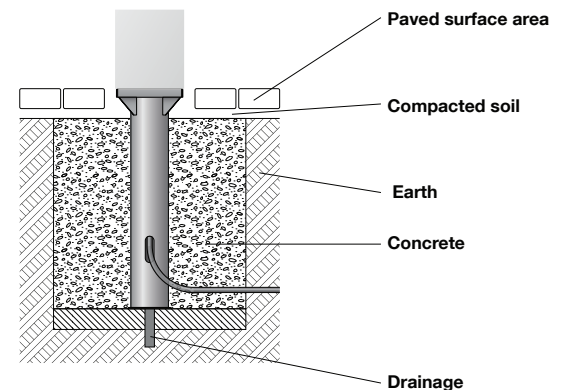


Figure 3



Relamping/Maintenance

No relamping required.

Lamp: 151.2W LED module

Description	Part No
Lens	150931
Lens gasket	831416
LED driver	75945
LED module (3000K)	LED-0308/830
LED module (4000K)	LED-0308/840

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

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99 877 Housing Installation:

1. To help with assembly, housing section (3) has four holes in order to lift and support during installation (see Figure 7 - Y). Section (2) of the housing includes four 8mm eye bolts and threaded holes on the outer edge to lift and support during installation.
2. To mount the bottom luminaire housing, section (3), to the anchorage unit (4), use four threaded rods (included). Apply glue (included) to the anchorage unit (4) threaded holes and thread rods into the anchorage unit making sure to keep washer between anchorage unit and nuts (see Figure 6).
3. Securely tighten the lower hexagonal nuts and lock them in place with the secondary nuts. Tightening torque for nuts should not exceed 65 ± 5 Nm.
4. Before bottom luminaire housing (3) is attached, threaded rods must be fed inside. The threaded rods' packaging sleeve can be utilized to help with this (see Figure 5 - X).
5. Slide the luminaire housing lower section (3) over the threaded rods onto the anchorage unit (4) and guide the rods into the corners of the housing.
6. Before installing luminaire housing section (2), apply glue (included) to the bottom edge of the second set of threaded rods, and screw into the hexagonal adapter nuts on the top of the four lower threaded rods to lock in place (see figure 7).
7. On each threaded rod, set a washer on the hexagonal nuts that are already in place.
8. Slide the middle housing section (2) over the threaded rods onto the bottom housing section (3) (see Figure 8).
9. Guide the threaded rods into the corners of the housing and turn until the twisting bolt is placed in the corresponding groove (see Figure 9 - A).
10. Install washers and upper hexagonal nuts on the threaded bars. Using glue (included) tighten the upper nuts equally and securely (see Figure 9 - B). Then, using glue, tighten the lower nuts equally and securely (see Figure 9 - C). Tightening torque for nuts should not exceed 65 ± 5 Nm.
11. Thread a final hexagonal nut onto the top of each threaded bar as protection against loosening (see Figure 9 - D). Tightening torque for nuts should not exceed 65 ± 5 Nm.

Figure 4

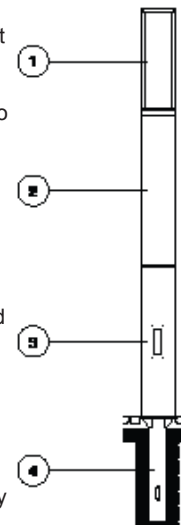


Figure 5

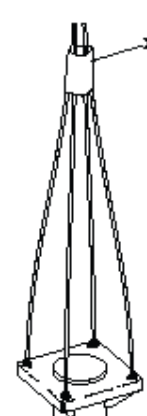


Figure 6

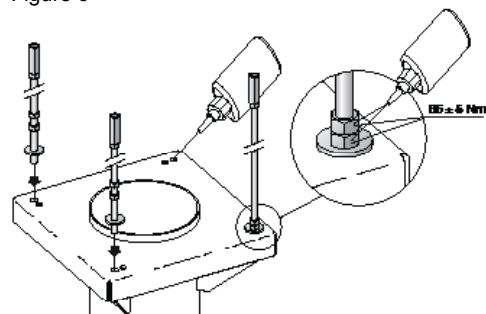


Figure 7

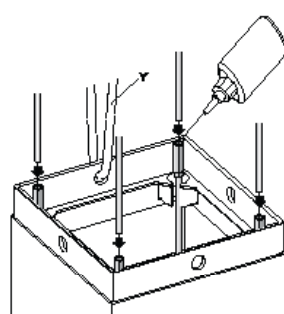


Figure 8

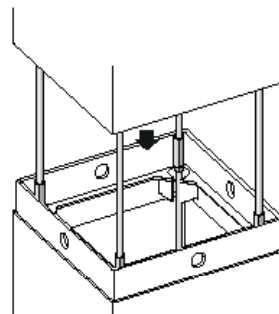
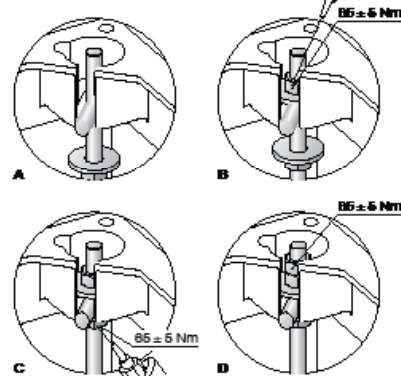


Figure 9



Relamping/Maintenance

No relamping required.

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BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2015

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9877LED Upper Luminaire (1) Installation:

1. Loosen the 8mm screws on the luminaire head and remove diffuser with guard.
2. Feed electrical cable down into luminaire housing sections and mount upper luminaire head (1) to middle luminaire housing (2) using the 8mm hex screws (included). Tightening torque for screws should not exceed 12 Nm.
3. Replace diffuser and guard making sure the gasket is seated properly. Tighten screws securely and evenly.
4. Unlock and remove access door on luminaire section (3) and lead luminaire wires and supply wires into the connection box. Make supply wiring and luminaire wiring connections in the connection box:
MAIN VOLTAGE SUPPLY WIRE TO BLACK LUMINAIRE WIRE
NEUTRAL (COMMON) SUPPLY WIRE TO WHITE LUMINAIRE WIRE
GROUND SUPPLY WIRE GREEN TO LUMINAIRE GROUND LUG
Dimming (if applicable):
DIMMING CONTROL WIRE (+) TO POSITIVE DRIVER DIM CONTROL WIRE
DIMMING CONTROL WIRE (-) TO NEGATIVE DRIVER DIM CONTROL WIRE
5. Close the connection box. Replace and lock access door.

Relamping/Maintenance

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Description	Part No
Lens	150931
Lens gasket	831416
LED driver	75945
LED module (3000K)	LED-0308/830
LED module (4000K)	LED-0308/840

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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 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 MOUILLÉS.

LES FILS D'ALIMENTATION 60°C MIN.
