

PROJECT

FIXTURE TYPE

LOCATION

CONTACT

PHONE

Product Description

The MaxiLED Focal Facade Series provides durable low profile point-of-light fixtures that can be arranged in virtually any linear or matrix configuration. With up to 50 fixtures per run, Focal Facade installations deliver high impact lighting effects to buildings and other structures utilizing the latest CREE LEDs.



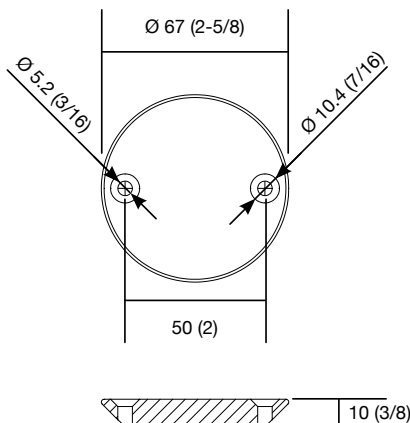
Product Specifications

- **Power Input:** 110-240VAC (50/60 Hz)
- **Power Output:** 24VDC.
- **Light Output:** Contact factory or see maxiledlighting.com.
- **Watts:** 2.4W per Globe.
- **Cable/Run Length:** 50 Globes per strand. 55 m (180 ft) maximum strand length inclusive of 5m starter cable (connects power supply with strand).
- **LED Colors:** Cool white, warm white. More than one color can be used on a single strand.
- **Mounting:** Two-piece aluminum or stainless steel housing secures Globe and cable to surface at consistent 180° viewing angle.
- **Lumen Maintenance:** Estimated 85% lumen maintenance at 70,000 hours, L70 predicted life of 132,000 hours.
- **Connectors:** Water-tight (IP68) and self-locking.
- **Environment:** Dry, damp, and wet locations (IP68). Not for use as a submersible light. Proper drainage required.
- **Globe Lenses:** UV stabilized clear polycarbonate. Internally prismatic for maximum optical light output. Globe halves are hermetically sealed.
- **Cable:** 16 AWG. Weather resistant insulated rubber sheath with two core copper conductors. White or black.
- **Operating Temperature:** -25° to 50°C (-13° to 122°F)
- **Weight:** Cable is 74g (2.6 oz) per meter. Globe and LED are 44g (1.6 oz) per assembly. Aluminum housings are 226g (8 oz). Stainless steel housings are 680g (24 oz).
- **Listings:** CE, FCC, IK07 impact protection, BS EN 60598, IEC 60598

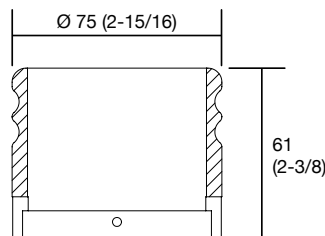
Dimensions

MM (INS)

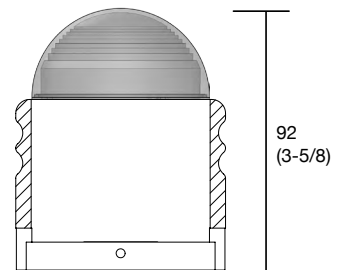
WALL PLATE



HOUSING



GLOBE IN HOUSING



SEE INSTALLATION INSTRUCTIONS

Ordering

EXAMPLES: FF-HOCW-AS-CL-BC-M-5000-50000-50-100, FF-HOWW-AB-ML-WC-M-5000-50000-30-300

| PRODUCT CODE | LED COLOR | HOUSING | LENS | CABLE COLOR |
|-------------------------------|--|--|--|--|
| FF | | | | |
| FF Focal Facade Series | HOCW Cool white HOWW Warm white | AS Anodized silver AB Anodized black SS Stainless steel RAL Painted to RAL specification. | CL Clear lens ML Matte lens | BC Black cable WC White cable |
| | | EXAMPLE: RAL-7032 | | |

| MEASUREMENT UNITS | LENGTH OF STARTER CABLE | LENGTH OF GLOBE CABLE | NUMBER OF GLOBES | GLOBE SPACING |
|--|--|-----------------------|------------------|---|
| | | | | |
| M Metric units (cm) I Imperial units (in) | CMS OR INS | CMS OR INS | 1 TO 50 | CMS OR INS |
| | Starter Cable + Globe Cable <= 10,500 cm (4,134 ins) | | | Assumes Globes are spaced at the same distance on the strand. For inconsistently spaced Globes on a strand, contact factory. |

Ordering Definitions and Assistance



LENGTH OF GLOBE CABLE

If you know the **NUMBER OF GLOBES** and the **GLOBE SPACING** for a strand, you can verify your **LENGTH OF GLOBE CABLE**.

- A) NUMBER OF GLOBES** (MAX 150).....
- B) GLOBE SPACING** (CMS OR INS).....
- C) Divide answer A by answer B**.....

NUMBER OF GLOBES

If you know the **LENGTH OF GLOBE CABLE** and the **GLOBE SPACING**, you can verify your **NUMBER OF GLOBES**.

- A) LENGTH OF GLOBE CABLE** (CMS OR INS)
- B) GLOBE SPACING** (CMS OR INS).....
- C) Divide answer A by answer B**.....

GLOBE SPACING

If you know the **LENGTH OF GLOBE CABLE** and the **NUMBER OF GLOBES** for a strand, you can verify your **GLOBE SPACING**.

- A) LENGTH OF GLOBE CABLE** (CMS OR INS)
- B) NUMBER OF GLOBES** (MAX 150).....
- C) Divide answer A by answer B**.....

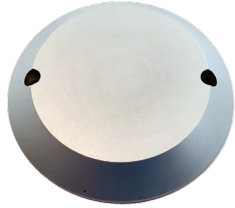
Installation ¹

MM (INS)

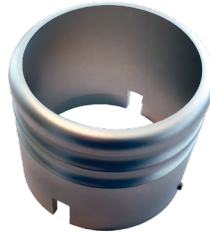
Parts



Mounting plate (front)



Mounting plate (wall side)



Housing



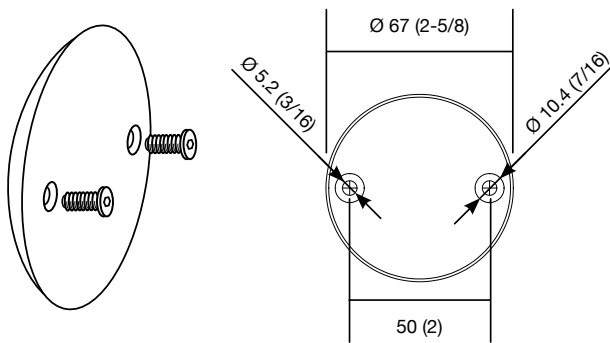
Hex wrench



Final installation example

Instructions

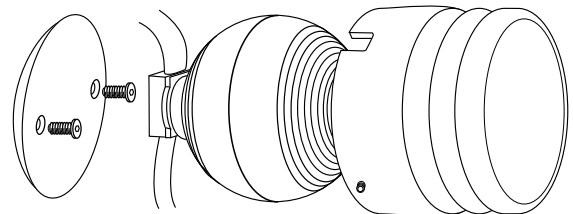
1. Install the mounting plate



Start installation at the end of the strand where the power will input. Measure and Mark out Facade fittings location. Mount the Facade fixing plate to the required location using suitable screws.

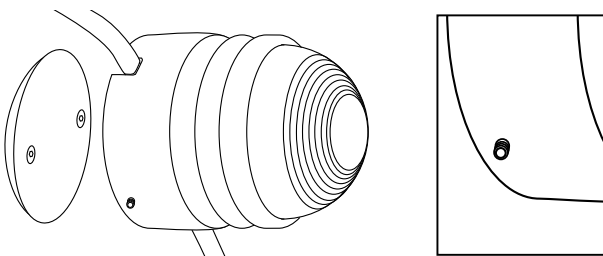
NOTE: Care must be taken when locating the mounting plate so that it corresponds with the pre-made cable harness.

2. Align facade housing to Globe cable



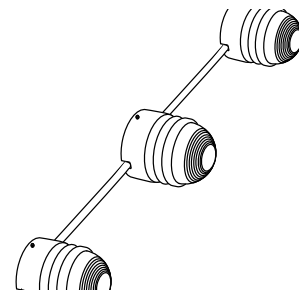
Place the required Globe into the Front Facade housing from the rear and align the cable into the two slots either side.

3. Secure Globe and housing to the mounting plate



Place the Globe into the facade housing. Push the unit up against the secured mounting plate. Using the supplied 2 mm (1/16 in) hex wrench tighten the two grub screws on either side of the housing. Ensure the housing is fitted flush against the surface.

4. Repeat procedure



Repeat process 1-3 until the installation is complete. Connect the strand to the correct power supply following installation instructions.

⚠ This product must be installed by a qualified electrician in accordance with all national and local electrical and construction codes. Failure to comply with the installation instructions can result in injury or death.