



SURFACE ASYMMETRIC MOUNT

PROJECT INFORMATION

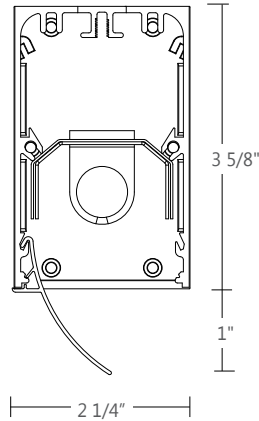
Project:

Type:

Notes:

DIMENSIONS

SECTION VIEWS



ORDERING CODE

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|

PRODUCT SPECIFICATIONS

| 1 PRODUCT ID | 2 OPTICS | 3 LENGTH (FT) | 4 SPECIFY LENGTH | 5 LAMP | 6 LAMP CONFIGURATION |
|-------------------|---------------------|---|--|--|----------------------|
| BS surface | A asymmetric | 2 2' 3 3' 4 4' 5 5' 6 6' 8 8' 12 12' S# System Run | NL nominal (3' & 4' lamps) NL4 nominal (4' lamps only) EX exact (3' & 4' lamps) EX4 exact (4' lamps only) | T5 T5 T5HO T5HO T8 T8 | 1 1 lamp |

| 7 MR | 8 FINISH | 9 VOLTAGE | 10 BALLAST | 11 CIRCUITS | 12 MOUNTING/SUSPENSION |
|---|---|---|---|--|--|
| M11# MR 11 halogen M11LED# MR 11 LED | AP aluminum paint W white BLK black C custom | 120 120 V 277 277 V 347 347 V ⁽¹⁾ UNV universal | D dimming E instant start ⁽²⁾ ERS program start BI bi-level dimming | 1 1 regular 2A/B 2 alternating +E(#) emergency section +NL(#) night light section +GTD(#) generator transfer device +M MR | S surface drywall ceiling SB surface t-bar ceiling SC surface solid ceiling |
| Add 6" per lamp Requires 120V or 277V | | (1) Please consult factory | (2) Available with T8 lamp only | | |

| 13 BATTERY (OPTIONAL) | 14 OTHER (OPTIONAL) | 15 IC CONTROLS (OPTIONAL) | 16 CUSTOM (OPTIONAL) |
|------------------------------------|--|--|----------------------|
| B# battery pack 4' sections | F fuse EF end feed FW(#) flex whip (6' std) | DS# daylight sensor OS# occupancy sensor DOS# daylight&occupancy sensor | C custom |
| Requires 120V or 277V | | See integrated controls guide for further details | Please specify |



● **CONSTRUCTION**

| | |
|--------------------------|--|
| Housing | Extruded Aluminum (0.075" nominal) up to 70% Recycled Content |
| End Cap | Sheet Steel (18 ga) |
| Interior Brackets | Die Formed Sheet Steel (18 ga) |
| Reflectors | White Powder Coated Sheet Steel (22 ga) |
| Blank | Extruded Aluminum (0.075" nominal) |

● **WEIGHT**

| | |
|--------------|--------------------|
| 4 ft | 10.5 lbs / 4.8 kg |
| 8 ft | 21.0 lbs / 9.6 kg |
| 12 ft | 31.5 lbs / 14.4 kg |

● **SYSTEM (S#)**

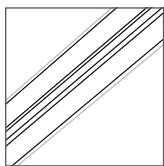
BEAM 2 linear systems, with the use of a strong profile, allow for a nearly hair thin connection system of continuous runs. Lengths of 4', 8', 12' as well as custom lengths are available. Runs of BEAM 2 that are greater than 12' in length are designated as systems (S#). This means that the run is comprised of a combination 4', 8 and/or 12' sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the BEAM installation sheets available for download at www.axislighting.com.

● **ELECTRICAL**

| | |
|------------------|--|
| Ballast | Electronic IS, Electronic Rapid Start, Dimming (0-10V, Line, EcoSystem, DALI), BI-level dimming With preinstalled ballast disconnect as per NEC & CEC |
| Emergency | Emergency battery pack or emergency circuit |
| Voltage | 120V, 277V, 347V, UNV |

1 Incorporating these components may have limitations or effect the length of the luminaire, please contact factory for more details.

● **OPTICS**

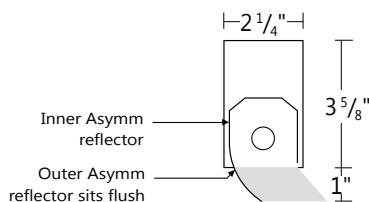


A asymmetric

ASYMMETRIC NO LENS
(asymmetric reflector)

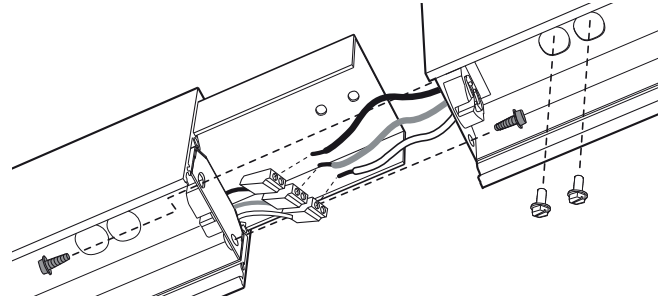
● **ASYMMETRIC**

| | |
|-----------------------------------|---|
| Inner Asymmetric Reflector | Die Formed Specular Aluminum (22 gauge) |
| Outer Asymmetric Reflector | Extruded Aluminum (0.075" nominal) |



● **JOINERS**

In order to allow very long runs of BEAM 2 luminaires, Axis has developed a number of different joining systems. Special care has been taken to maximize the performance of the joiner for each BEAM option.



NOTE: Mount each system segment individually. Do not assemble system prior to mounting.

1 Allow a minimum of 6" between end of long runs and vertical wall

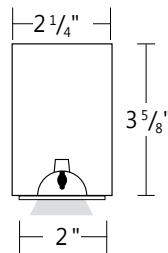
● **FINISH**

Aluminium paint, Powder Coated and custom finishes are also available.

● **MR11**

| | |
|----------------------|--|
| Blank | Extruded Aluminum (0.075" nominal) |
| MR11 Halogens | 1.4" diameter (20W / 35W) |
| MR11 LED | 1.4" diameter |
| Quantity | For every 4' fluorescent lamp section, there may be up to a maximum of 4 x MR11 lamps. |

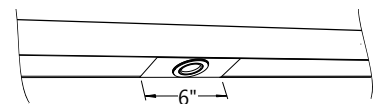
Spacing



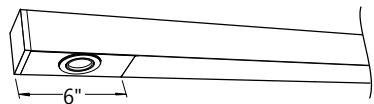
Each MR11 is placed centered on a blank section 6" in length.

For a series of MR11's within a given section length, they will be spaced evenly on a longer blank section. The directed light of MR11 Halogen lamps are fixed downward. Custom spacing may be available on special request.

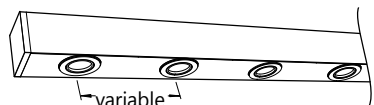
Between fluorescent lamps sections



At luminaire ends



Several in a long blank section

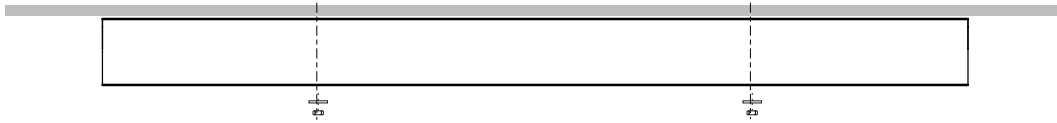


● **APPROVALS**

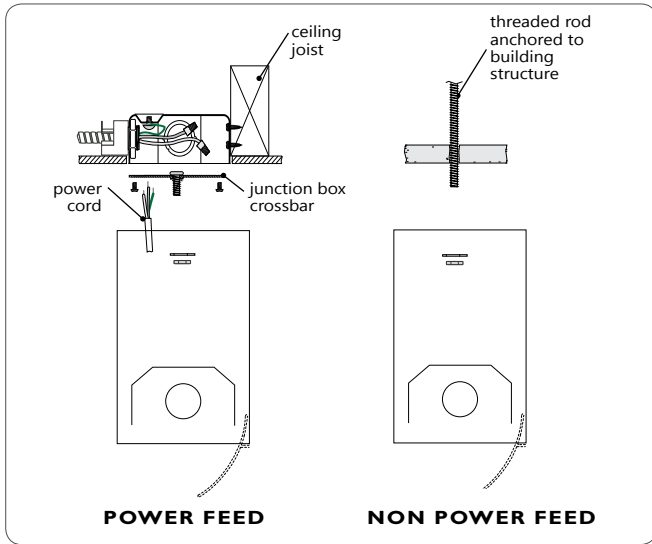
Certified to UL and CUL standards Meets NYC requirements
Suitable for damp locations.

● **MOUNTING OPTIONS**

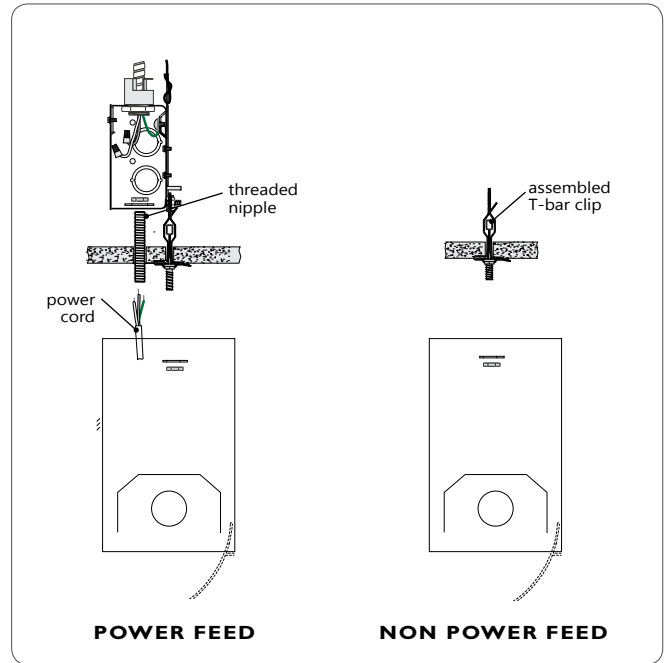
| | | |
|---------------------|--|---|
| End to End Lamping: | T5/T5HO LAMP | T8 LAMP |
| | BEAM2 4' (42 ⁹ / ₁₆ " C.C.) | BEAM2 4' (44 ¹ / ₄ " C.C.) |
| | BEAM2 8' (88 ⁷ / ₈ " C.C.) | BEAM2 8' (92 ¹ / ₄ " C.C.) |
| | BEAM2 12' (135 ³ / ₁₆ " C.C.) | BEAM2 12' (138 ¹ / ₄ " C.C.) |



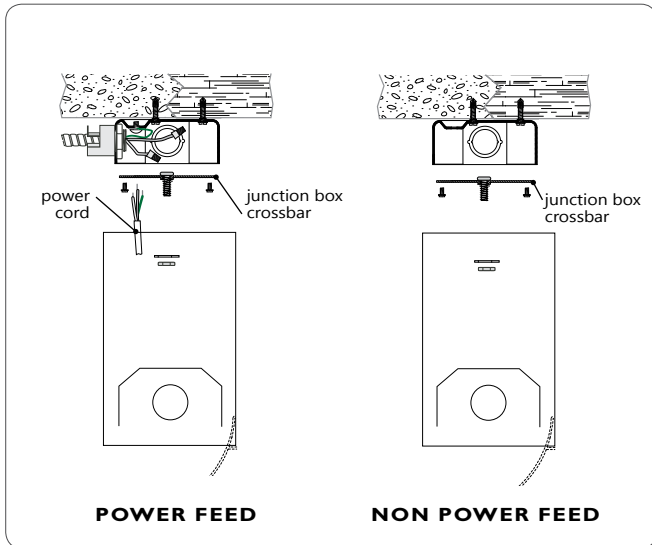
● **MOUNTING DETAILS**



S SURFACE MOUNT DRYWALL CEILING



SB SURFACE MOUNT T-BAR CEILING

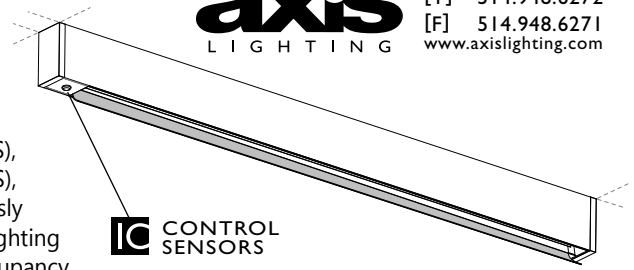


SC SURFACE MOUNT SOLID CEILING

● **OTHER MOUNTING OPTIONS**

BEAM 2 is also available with recessed, pendant, wall and recessed wall mounted options.

i Specification sheets and Installation sheets for all mounting for BEAM luminaires are available for download at www.axislighting.com



● INTEGRATED CONTROL OPTIONS

BEAM 2 luminaires allow the use of integrated controls such as daylight sensors (DS), occupancy sensors (OS), individual daylight sensors and occupancy sensors (DS+OS), and combination daylight/occupancy sensors (DOS). These options can be seamlessly integrated into our luminaires. The control system could be used to optimize the lighting of the space by reducing energy consumption through daylight harvesting and occupancy, thereby improving the overall interior environment and allowing for LEED credits.

- Consult factory for other options.
- Refer to IC guide for more information.

| SENSORS | BRAND | Model | TYPE | CODE | COMPATIBLE DIMMING BALLAST |
|------------------------------------|-------------|-----------|--------------------------|------|----------------------------|
| Daylight Sensor (DS) | Lutron | EC-DIR-WH | Daylight | LD | EcoSystem |
| | Wattstopper | FD-301 | Daylight | WD | 0-10V |
| | Philips | Luxsense | Daylight | PL | 0-10V |
| Occupancy Sensor (OS) | Wattstopper | FS-205 | PIR Occupancy | WP1 | Programmed Rapid Start |
| | | FS-355 | PIR Occupancy | WP2 | Programmed Rapid Start |
| | | FM-105 | High Frequency Occupancy | WH | Programmed Rapid Start |
| Daylight & Occupancy Sensors (DOS) | Philips | Actilume | Daylight & PIR Occupancy | PA | DALI or 0-10V |

i All IES files for other lamping are available for download at: www.axislighting.com