# BEAM4 WALL ASYMMETRIC MOUNT

ÉCLAIRAGE axis LIGHTING
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## PROJECT INFORMATION

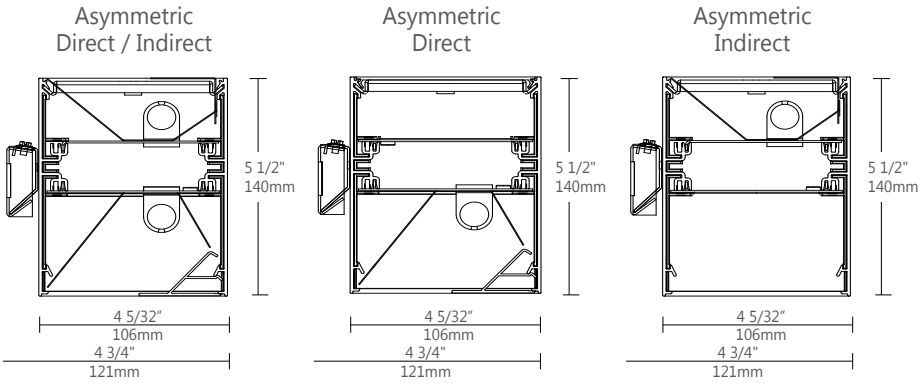
Project:

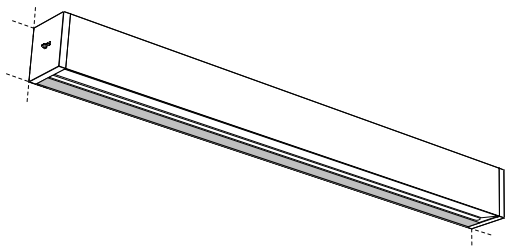
Type:

Notes:

## DIMENSIONS

SECTION VIEWS



**SHOWN WITH LENS OPTION**

## ORDERING CODE

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | |

## PRODUCT SPECIFICATIONS

| 1 | PRODUCT ID |
|---|---|
| **BBW** | wall direct/indirect |
| **BBWD** | wall direct |
| **BBWI** | wall indirect |

| 2 | OPTICS DIRECT |
|---|---|
| **A** | asymmetric (1) |
| **S** | satin lens |
| **F** | frosted lens |
| **PL** | semi spec. para. louvers |

(1) Not available with 2 lamps

| 3 | OPTICS INDIRECT |
|---|---|
| **A** | asymmetric (2) |
| **NO** | no lens |

(2) Not available with 2 lamps

| 4 | LENGTH/FT |
|---|---|
| **2** | 2′ |
| **3** | 3′ |
| **4** | 4′ |
| **5** | 5′ |
| **6** | 6′ |
| **8** | 8′ |
| **12** | 12′ |
| **S#** | System Run |

| 5 | SPECIFY LENGTH |
|---|---|
| **NL** | nominal (3′ & 4′ lamps) |
| **NL4** | nominal (4′ lamps only) |
| **EX** | exact (3′ & 4′ lamps) |
| **EX4** | exact (4′ lamps only) |

| 6 | LAMP |
|---|---|
| **T5** | T5 |
| **T5HO** | T5HO |
| **T8** | T8 |

| 7 | DOWN LAMP |
|---|---|
| **0** | 0 lamp |
| **1** | 1 lamp |
| **2** | 2 lamps(3) |

(3) Not available with asymmetric

| 8 | UP LAMP |
|---|---|
| **0** | 0 lamp |
| **1** | 1 lamp |
| **2** | 2 lamps(4) |

(4) Not available with asymmetric

| 9 | MR |
|---|---|
| **M16#** | MR 16 halogen |
| **M16LED#** | MR 16 LED |

Add 9″ per lamp
Requires 120V or 277V

| 10 | FINISH |
|---|---|
| **AP** | aluminum paint |
| **W** | white |
| **BLK** | black |
| **C** | custom |

| 11 | VOLTAGE |
|---|---|
| **120** | 120V |
| **277** | 277V |
| **347** | 347V(5) |
| **UNV** | universal |

(5) Please consult factory

| 12 | BALLAST |
|---|---|
| **D** | dimming |
| **E** | instant start(6) |
| **ERS** | program start |
| **BI** | bi-level dimming |

(6) Available with T8 lamp only

| 13 | CIRCUITS |
|---|---|
| **1** | 1 regular |
| **2** | 2 regular |
| **2A/B** | 2 alternating |
| **+E(#)** | emergency section |
| **+NL(#)** | night light section |
| **+GTD(#)** | generator transfer device |
| **+M** | MR |

| 14 | BATTERY |
|---|---|
| **B#** | battery pack 4′ sections |

| 15 | OTHER |
|---|---|
| **D** | dust cover(7) |
| **F** | fuse |

(7) Not available for asymmetric optics

| 16 | IC CONTROLS |
|---|---|
| **DS#** | daylight sensor |
| **OS#** | occupancy sensor |
| **DS+OS#** | daylight+occupancy sensor |
| **DOS#** | daylight&occupancy sensor |

See integrated controls guide for further details

| 17 | CUSTOM |
|---|---|
| **C** | custom |

Please specify

FILE NAME:BBW.ASYM.SPEC March 10, 2016

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## CONSTRUCTION

| | |
|---|---|
| **Housing** | Extruded Aluminum (0.075'' nominal)<br>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) |
| **Louvers** | Die Formed Semi-Specular Aluminum (22 ga) |
| **White Louver** | Die Formed Aluminum Painted White (22 ga) |
| **Blank** | Extruded Aluminum (0.075'' nominal) |
| **Lenses** | Extruded Acrylic (0.070'' nominal)<br>Satin: 68% trans. Frosted: 85% trans. |
| **Wall Mount Bracket** | Die Formed Sheet Steel (16 gauge) |

## WEIGHT

| | |
|---|---|
| **4 ft** | 14.5 lbs / 6.6 kg |
| **8 ft** | 29.0 lbs / 13.2 kg |
| **12 ft** | 43.5 lbs / 19.7 kg |

## SYSTEM (S#)

BEAM 4 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 4 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.

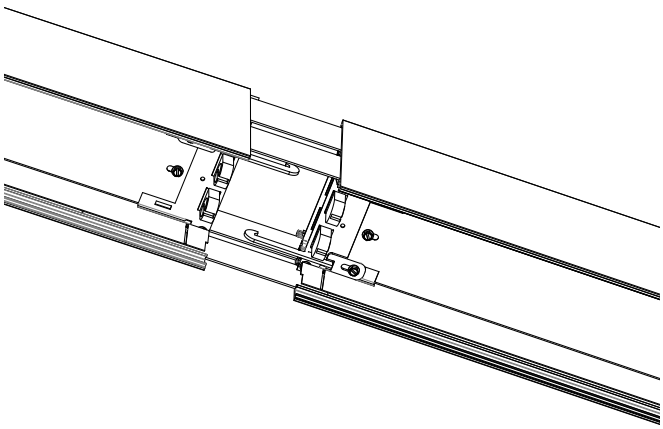
## ELECTRICAL

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

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

## JOINERS

In order to allow very long runs of BEAM 4 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.

## FINISH

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

## APPROVALS

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



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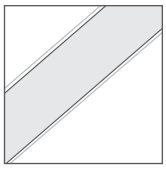
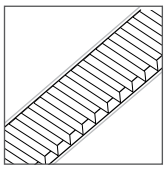
## OPTICS

**S** satin lens



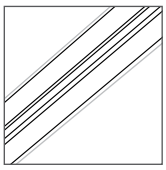
**F** frosted lens

**SATIN & FROSTED LENS***
(acrylic snap-in lens)
satin: 68% trans.
frosted: 85% trans.
*available only for direct optics



**PL** semi-specular parabolic louvers

**LOUVERS***
(semi-spec. parabolic louver
9/16'' deep blades – 5/8'' spacing
72 blades per 4'
*available only for direct optics



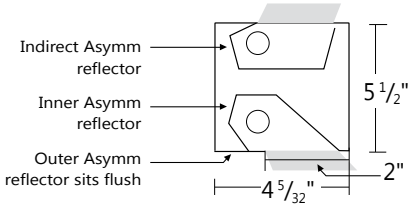
**A** asymmetric

**ASYMMETRIC NO LENS**
(asymmetric reflector)

## ASYMMETRIC

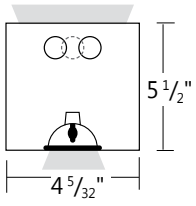
**Indirect/Inner Asymmetric Reflector** — Die Formed Specular Aluminum (22 gauge)

**Outer Asymmetric Reflector** — Extruded Aluminum (0.075'' nominal)



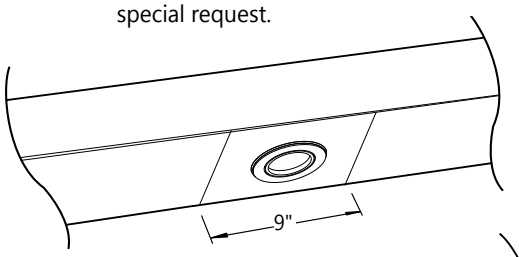

## MR16

| | |
|---|---|
| **Blank** | Extruded Aluminum (0.075'' nominal) |
| **MR16 Halogens** | 2.0'' diameter (35W / 50W) |
| **MR16 LED** | 2.0'' diameter |
| **Quantity** | For every 4' fluorescent lamp section, there may be up to a maximum of 4 x MR16 lamps. |
| **Spacing** | Each MR16 is placed centered on a blank section 9'' in length. |

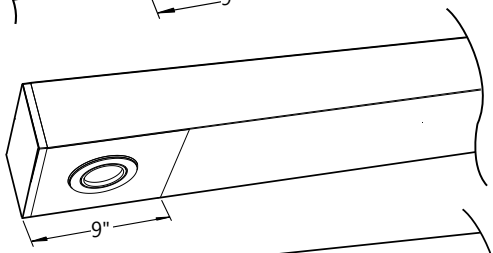



For a series of MR16's within a given section length, they will be spaced evenly on a longer blank section.
The directed light of MR16 Halogen lamps are fixed downward.
Custom spacing may be available on special request.

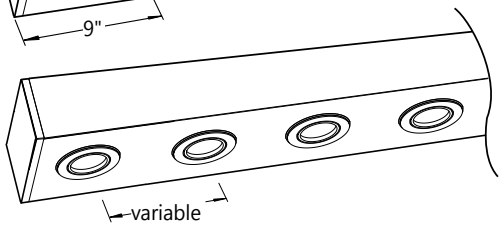
**Between fluorescent lamps sections**




**At luminare ends**




**Several in a long blank section**





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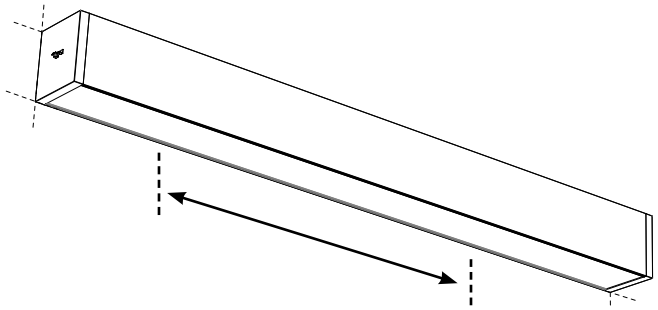
## MOUNTING SPACING

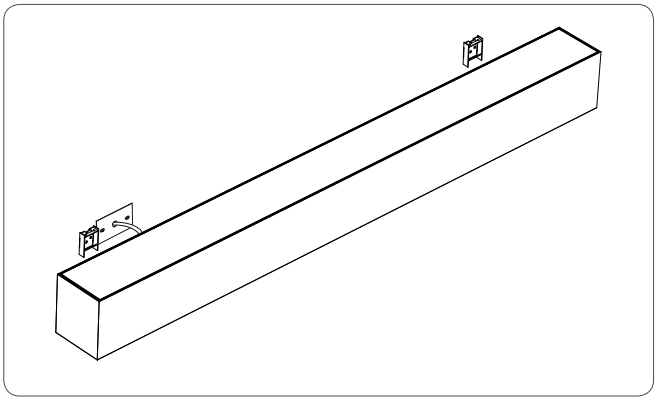


### END TO END

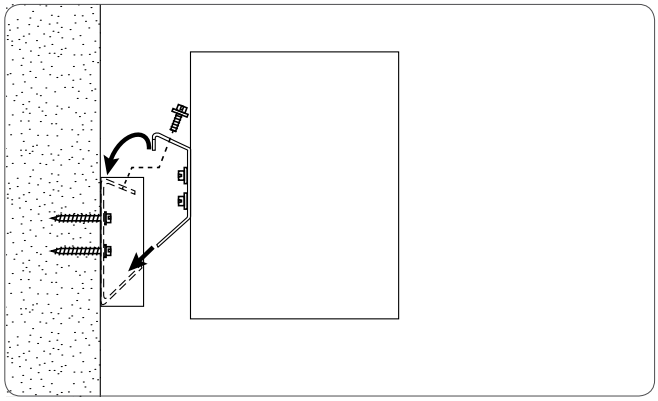
| T5/T5HO | | T8 | |
|---|---|---|---|
| **BEAM4 4'** | (32" C.C.) | **BEAM4 4'** | (32" C.C.) |
| **BEAM4 8'** | (80" C.C.) | **BEAM4 8'** | (80" C.C.) |
| **BEAM4 12'** | (112" C.C.) | **BEAM4 12'** | (128" C.C.) |

**NOTE:** Use stud if possible for mounting

## HORIZONTAL MOUNTING DETAILS



**MOUNTING BRACKETS**



**SIDE VIEW**

## OTHER MOUNTING OPTIONS

BEAM 4 is available with pendant, surface, recessed, recessed wall and wall wash mounted options.

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



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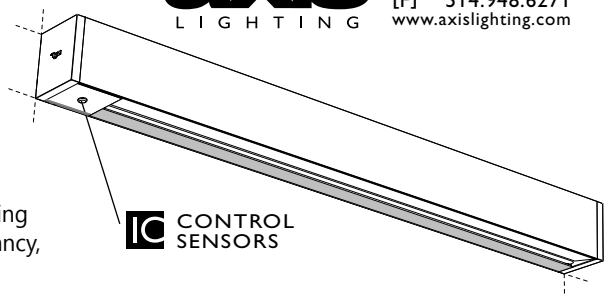


## ● *INTEGRATED CONTROL OPTIONS*

BEAM 4 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 brochure 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



 