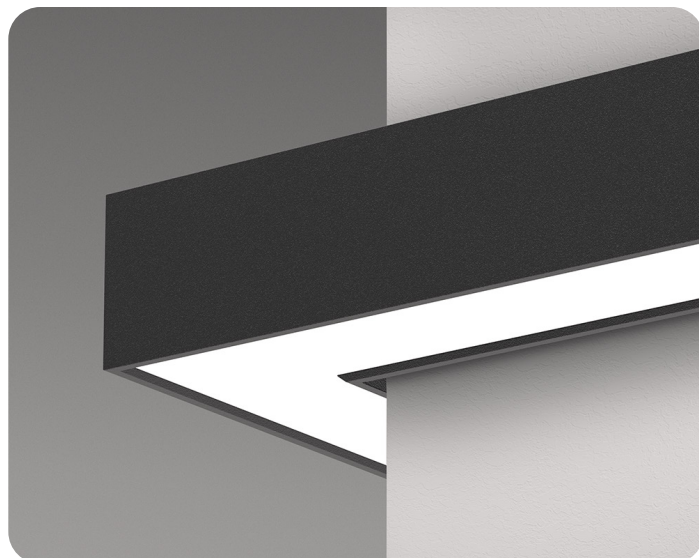


## Beam Shape Wall

Direct / Indirect

### Key Features

- Extruded aluminum single piece housing
- Soft diffuse direct lighting
- Continuous lensing standard – runs up to 100'
- Any direct and indirect light combinations can be factory set
- 0-10V dimming to 1% is standard
- Efficacy up to 140 lm/W
- L70 > 50,000 hours



## Specifications

### Construction

- Continuous extruded 6063 T5 aluminum
- Mechanically attached end caps with no exposed fasteners enhance architectural aesthetic and prevent light leak.

### Dimensions

- Nominal dimensions: 3.5" x 3.5"
- Nominal thickness: 0.075"

### Finish

- Powder coated
- Colors: White, Black, Silver or Premium Finishes
- End Caps: Color-matched to housing
- Custom colors available. Consult factory for more information.

### Luminaire Length

- Standard individual lengths: 2', 4', 6' or 8'
- Fixture and run lengths are available in 1/8" increments.
- Using internal joiners, sections can be joined to form longer, continuous rows.

### Source

- CCT options: 2700K, 3000K, 3500K, 4000K, or 5000K
- All within 3 MacAdam ellipses
- 90 CRI (R9 50 min) available

### Lensing

- 0.060" thick impact resistant acrylic lens
- Soft diffuse direct lighting

### Operating Temperature

- -40°C to 50°C (-40°F to 122°F)

### Lithium Ion Battery

- Provides up to 780 lm (6W) or up to 1300 lm (10W) for 90 minutes.
- Certifications: UL924 listed, Class 2 compliant, and Title 20 CEC (California Energy Commission) compliant

### Dimming (Integral) Driver

- Constant current programmable LED driver
- Output current: 0-10V, dim to 1% (UL listed, Class P)
- Ring wave surge protection: 2.5KV ring
- Power factor: >0.90

### Generator Transfer Device

- Luminaires with GTD option provides a UL924 shunt relay to bypass normal power, switches, and 0-10V dimming.

### Certifications

- Build America Buy America compliant
- Buy American Act compliant
- Intertek cETLus Listed
- DLC listed
- RoHS (Restriction of Hazardous Substances)
- JA8 compliant
- Suitable for dry and damp locations

### Packaging

- Sustainably manufactured outside cardboard box and biodegradable, protective poly-foam luminaire inserts.

### Warranty

- 5-year limited warranty.



## Ordering Logic

BEAMDI-4X6RECT-500-750-WD-BW-35K-90-PW-WM-U-1C-1EMB10

| Series | Length <sup>1</sup>        | Direct Output <sup>2</sup> | Indirect Output <sup>2</sup> | Direct Distribution                      | Indirect Distribution        |
|--------|----------------------------|----------------------------|------------------------------|------------------------------------------|------------------------------|
| BEAMDI |                            |                            |                              |                                          |                              |
|        | <b>_X_RECT</b> - Rectangle | <b>250</b> - 250 LPF       | <b>250</b> - 250 LPF         | <b>SD</b> - SatinIce Diffuse             | <b>CL</b> - Clear Lens       |
|        | <b>_X_L</b> - L-Shape      | <b>500</b> - 500 LPF       | <b>500</b> - 500 LPF         | <b>WD</b> - Wide Diffuse                 | <b>BW</b> - Batwing          |
|        | <b>_X_X_U</b> - U-Shape    | <b>750</b> - 750 LPF       | <b>750</b> - 750 LPF         | <b>WW</b> - Wall Wash                    | <b>ID</b> - Indirect Diffuse |
|        |                            | <b>1000</b> - 1000 LPF     | <b>1000</b> - 1000 LPF       | <b>GRZ</b> - Wall Graze                  |                              |
|        |                            | <b>XXX</b> - Custom LPF    | <b>XXX</b> - Custom LPF      | <b>ARF</b> - Asymmetric Room Fill        |                              |
|        |                            |                            |                              | <b>Drop Lens w/ Lit Ends<sup>3</sup></b> |                              |
|        |                            |                            |                              | <b>DLE05</b> - 0.5"                      |                              |
|        |                            |                            |                              | <b>DLE10</b> - 1.0"                      |                              |
|        |                            |                            |                              | <b>DLE15</b> - 1.5"                      |                              |

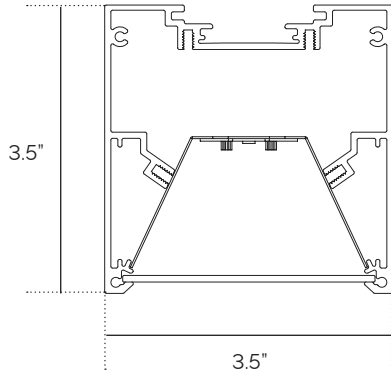
| CCT                                                     | CRI                            | Finish <sup>5</sup>                      | Mounting                                            | Voltage             | Circuiting                                     |
|---------------------------------------------------------|--------------------------------|------------------------------------------|-----------------------------------------------------|---------------------|------------------------------------------------|
| <b>27K</b> - 2700K                                      | <b>80</b> - 80 CRI             | <b>Standard Powder Coat</b>              | <b>WM</b> - Wall Mount                              | <b>U</b> - 120-277V | <b>1C</b> - Single Circuit                     |
| <b>30K</b> - 3000K                                      | <b>90</b> - 90 CRI (R9 50 min) | <b>PW</b> - White                        | <b>AWM</b> - Architectural Wall Mount               | <b>C</b> - 347V     | <b>2C</b> - Separate D/I Circuits <sup>7</sup> |
| <b>35K</b> - 3500K                                      |                                | <b>PB</b> - Black                        | <b>EWXXX</b> - Extruded Wall Mount, XX <sup>6</sup> |                     | <b>MC</b> - Multiple Circuits <sup>8,9</sup>   |
| <b>40K</b> - 4000K                                      |                                | <b>PS</b> - Silver                       |                                                     |                     | <b>DL</b> - Daylight Control <sup>8,10</sup>   |
| <b>50K</b> - 5000K                                      |                                | <b>Premium</b>                           |                                                     |                     | <b>NL</b> - Night Lights <sup>8,11</sup>       |
| <b>TW</b> - Tunable White <sup>4</sup><br>(2700K-6500K) |                                | <b>RALXXX</b> - Powder Coat Gloss Finish |                                                     |                     |                                                |
|                                                         |                                | <b>PSFX</b> - Premium Stock Finish       |                                                     |                     |                                                |
|                                                         |                                | <b>Custom Powder Coat</b>                |                                                     |                     |                                                |
|                                                         |                                | <b>PO</b> - Powder Other                 |                                                     |                     |                                                |

| Emergency                                                     | Options                                                                             |                                                                                  |                              |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------|
| <b>BLANK</b> - None                                           | <b>Specialty Drivers<sup>17</sup></b>                                               | <b>Sensors</b>                                                                   | <b>End Caps<sup>22</sup></b> |
| <b>EC</b> - Emergency Circuit <sup>12</sup>                   | <b>DT1</b> - eldoLED EcoDrive Dim to 1% (0-10V)                                     | <b>DMXX%</b> - Daylight/Motion Sensor (XX%-% Min. Dimming)                       | <b>RD</b> - Round End Cap    |
| <b>#EMB6</b> - 6W EM Battery <sup>13,14</sup>                 | <b>DTZ</b> - eldoLED SoloDrive Dim to 0.1% (0-10V)                                  | <b>VDO</b> - Lutron Vive Integral Fixture Control (RF w/ Daylight and Occupancy) |                              |
| <b>#EMB10</b> - 10W EM Battery <sup>13,14</sup>               | <b>PSRD</b> - Philips Sensor Ready (DALI) Driver                                    | <b>AWNRR</b> - Lutron Athena Wireless Node (RF Only) <sup>21</sup>               |                              |
| <b>#FCEMB10</b> - 10W EM Battery <sup>13,15</sup>             | <b>LDE1</b> - Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black         | <b>AWNS</b> - Lutron Athena Wireless Node w/ Sensor <sup>21</sup>                |                              |
| <b>#FCEMB14</b> - 14W EM Battery <sup>13,15</sup>             | <b>TW-A</b> - Tunable White, 0-10V <sup>18</sup>                                    | <b>NLA</b> - Acuity nLight Air <sup>20</sup>                                     |                              |
| <b>#GTD</b> - Generator Transfer Device w/ ALCR <sup>16</sup> | <b>TW-EL</b> - eldoLED DUALdrive Tunable White (DALI) <sup>18</sup>                 | <b>NLW</b> - Acuity nLight Wired <sup>20</sup>                                   |                              |
|                                                               | <b>LD2</b> - Lutron DALI 2 Digital Tunable White Driver w/ 1% Dimming <sup>19</sup> | <b>WVL</b> - Cooper Wavelinx <sup>20</sup>                                       |                              |
|                                                               | <b>HD-XX</b> - HyperDrive Remote Driver <sup>20</sup>                               |                                                                                  |                              |

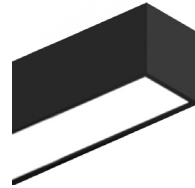
### Ordering Notes

- Replace underscore ( \_ ) with fixture leg length. See page 7.
- 200 LPF min. output / 1500 LPF max. output.
- Seamless continuous lens unavailable for Drop Lens options.
- Tunable White Driver must be specified in options.
- See page 3 for standard and premium options.
- 3" standard EWM. Custom sizes available up to 12".
- Separate D/I switched power and dimming (shared neutral).
- Customer to specify number of zones and locations through factory submittal drawings.
- Multiple low and line control zones.
- Multiple low voltage control zones for daylight control.
- Multiple unswitched wires for night light control zones.
- Separate power, transfer devices provided by others.
- 3" indicates number per run.
- Provided by Iota/Bodine.
- EM battery is factory choice.
- Iota EDS-DR Emergency Control Device
- Standard driver is 0-10V, dim to 1% output current.
- 75 Watt Max. Dual driver required for higher fixture wattage.
- 50 Watt Max. Dual driver required for higher fixture wattage.
- Consult factory.
- Athena sensor matches finish for white and black fixtures.
- Not available with Drop Lens options.

## Dimensions



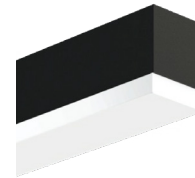
## Diffusing



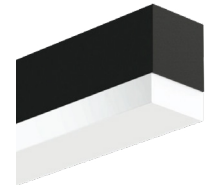
**Flush**  
3.5" Height



**DLE05**  
4.0" Height



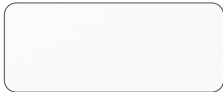
**DLE10**  
4.5" Height



**DLE15**  
5.0" Height

## Finishes

### Standard



**PW:** White



**PB:** Black



**PS:** Silver

### Premium Stock



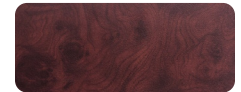
**PSF001:** Wood 1



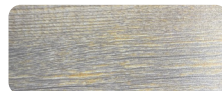
**PSF002:** Wood 2



**PSF003:** Wood 3



**PSF004:** Wood 4



**PSF005:** Wood 5



**PSF006:** Wood 6



**PSF007:** Stone 1



**PSF008:** Stone 2

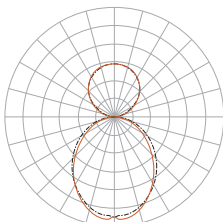


**PSF009:** Stone 3

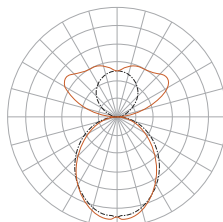
**NOTE:** A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

All other custom finishes (PO) will incur a set up fee and will add an extended lead time to your project.

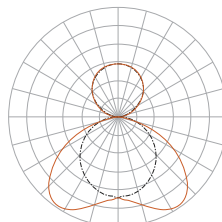
## Distribution



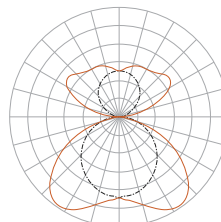
**Indirect:** Clear (CL)  
**Direct:** SatinIce Diffuse (SD)



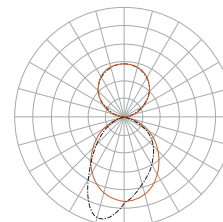
**Indirect:** Batwing (BW)  
**Direct:** SatinIce Diffuse (SD)



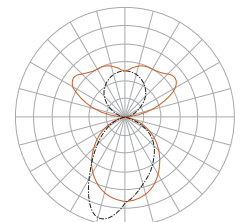
**Indirect:** Clear (CL)  
**Direct:** Wide Diffuse (WD)



**Indirect:** Batwing (BW)  
**Direct:** Wide Diffuse (WD)



**Indirect:** Clear (CL)  
**Direct:** Wall Wash (WW)

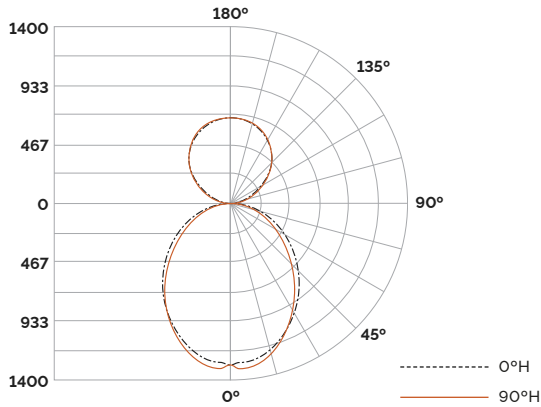


**Indirect:** Batwing (BW)  
**Direct:** Wall Wash (WW)



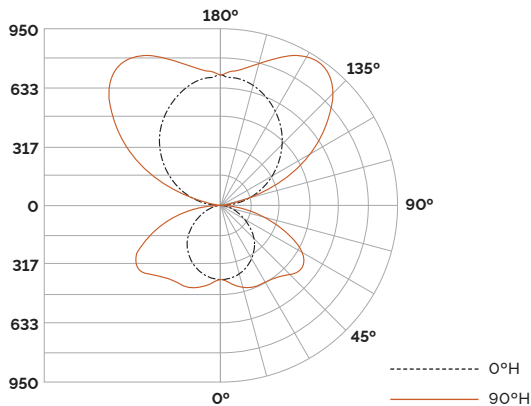
## Performance

### BEAMDI-4-775-475-SD-CL-35K (80+ CRI)



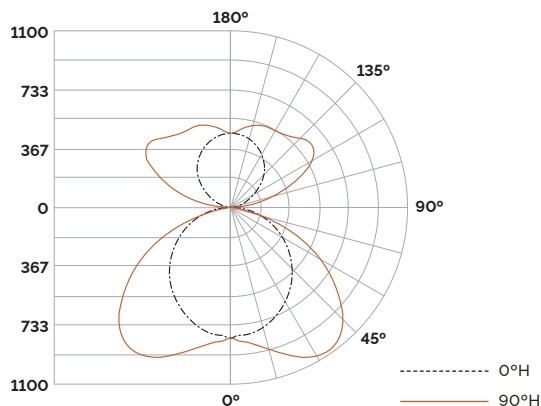
| CCT   | Length | Lumens | Wattage | LPW |
|-------|--------|--------|---------|-----|
| 3000K | 4'     | 5000   | 41      | 123 |
|       | 8'     | 10000  | 78      | 128 |
| 3500K | 4'     | 5000   | 39      | 128 |
|       | 8'     | 10000  | 75      | 133 |
| 4000K | 4'     | 5000   | 38      | 131 |
|       | 8'     | 10000  | 74      | 136 |
| 5000K | 4'     | 5000   | 37      | 135 |
|       | 8'     | 10000  | 71      | 140 |

### BEAMDI-4-450-750-WD-BW-35K (80+ CRI)



| CCT   | Length | Lumens | Wattage | LPW |
|-------|--------|--------|---------|-----|
| 3000K | 4'     | 4800   | 40      | 121 |
|       | 8'     | 9600   | 76      | 126 |
| 3500K | 4'     | 4800   | 38      | 126 |
|       | 8'     | 9600   | 73      | 131 |
| 4000K | 4'     | 4800   | 37      | 130 |
|       | 8'     | 9600   | 71      | 135 |
| 5000K | 4'     | 4800   | 36      | 133 |
|       | 8'     | 9600   | 70      | 138 |

### BEAMDI-4-750-500-WD-BW-35K (80+ CRI)



| CCT   | Length | Lumens | Wattage | LPW |
|-------|--------|--------|---------|-----|
| 3000K | 4'     | 5000   | 42      | 119 |
|       | 8'     | 10000  | 81      | 123 |
| 3500K | 4'     | 5000   | 40      | 124 |
|       | 8'     | 10000  | 78      | 128 |
| 4000K | 4'     | 5000   | 39      | 127 |
|       | 8'     | 10000  | 76      | 131 |
| 5000K | 4'     | 5000   | 38      | 130 |
|       | 8'     | 10000  | 74      | 135 |



## Row Configurations

### XX (Run Length)

The standard construction of run lengths follows the logic of the table below. Consult factory for additional information. Run lengths always start with the longest fixture and receives the power feed.

**NOTE:** Fixtures in continuous runs are available in 6" increments. Consult factory for smaller increments.

| Total Length<br>(Feet) | # of Sections |   |   |   |   |   |   |
|------------------------|---------------|---|---|---|---|---|---|
|                        | 2             | 3 | 4 | 5 | 6 | 7 | 8 |
| 2                      | 1             |   |   |   |   |   |   |
| 3                      |               | 1 |   |   |   |   |   |
| 4                      |               |   | 1 |   |   |   |   |
| 5                      |               |   |   | 1 |   |   |   |
| 6                      |               |   |   |   | 1 |   |   |
| 7                      |               |   |   |   |   | 1 |   |
| 8                      |               |   |   |   |   |   | 1 |
| 9                      |               |   | 1 | 1 |   |   |   |
| 10                     |               |   | 1 |   | 1 |   |   |
| 11                     |               | 1 |   |   |   |   | 1 |
| 12                     |               |   | 1 |   |   |   | 1 |
| 13                     |               |   |   | 1 |   |   | 1 |
| 14                     |               |   |   |   | 1 |   | 1 |
| 15                     |               |   |   |   |   | 1 | 1 |
| 16                     |               |   |   |   |   |   | 2 |
| 17                     |               |   | 1 | 1 |   |   | 1 |
| 18                     |               |   | 1 |   | 1 |   | 1 |
| 19                     |               | 1 |   |   |   |   | 2 |
| 20                     |               |   | 1 |   |   |   | 2 |
| 21                     |               |   |   | 1 |   |   | 2 |
| 22                     |               |   |   |   | 1 |   | 2 |
| 23                     |               |   |   |   |   | 1 | 2 |
| 24                     |               |   |   |   |   |   | 3 |
| 25                     |               |   | 1 | 1 |   |   | 2 |
| 26                     |               |   | 1 |   | 1 |   | 2 |
| 27                     |               | 1 |   |   |   |   | 3 |
| 28                     |               |   | 1 |   |   |   | 3 |
| 29                     |               |   |   | 1 |   |   | 3 |
| 30                     |               |   |   |   | 1 |   | 3 |
| 31                     |               |   |   |   |   | 1 | 3 |
| 32                     |               |   |   |   |   |   | 4 |
| 33                     |               |   | 1 | 1 |   |   | 3 |
| 34                     |               |   | 1 |   | 1 |   | 3 |
| 35                     |               | 1 |   |   |   |   | 4 |
| 36                     |               |   | 1 |   |   |   | 4 |
| 37                     |               |   |   | 1 |   |   | 4 |
| 38                     |               |   |   |   | 1 |   | 4 |
| 39                     |               |   |   |   |   | 1 | 4 |
| 40                     |               |   |   |   |   |   | 5 |

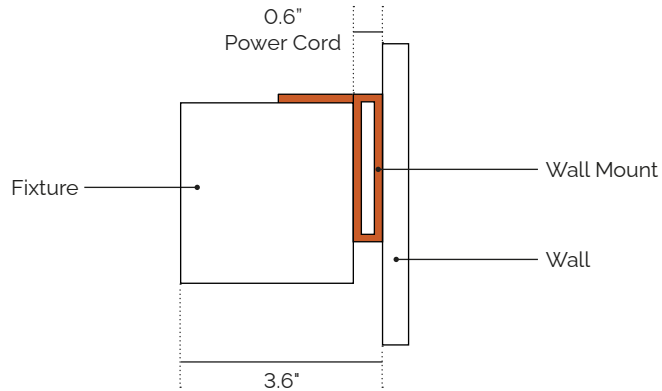
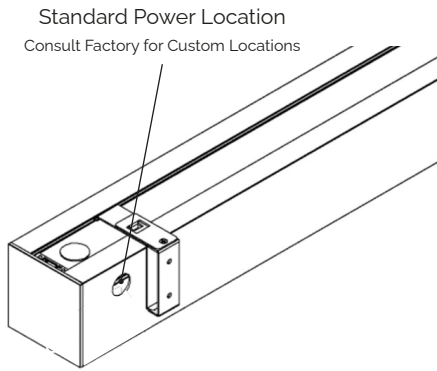
### SXX (Symmetric Run)

The construction of SXX (y') is to build with equal length fixtures. The xx indicates the run length. The y' indicates the fixture length used to create the run. Please indicate this on your P.O. when placing your order.

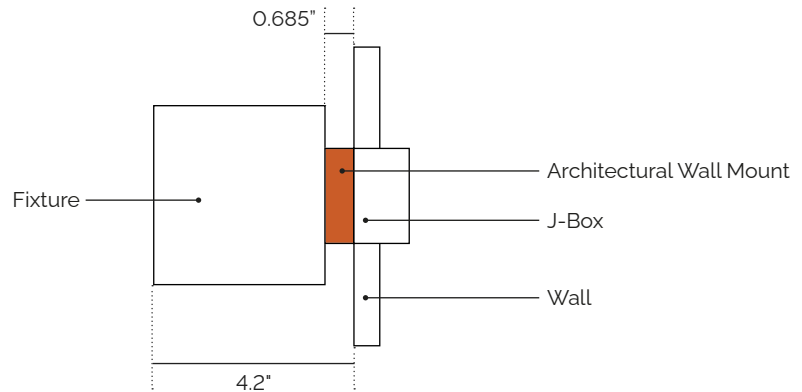
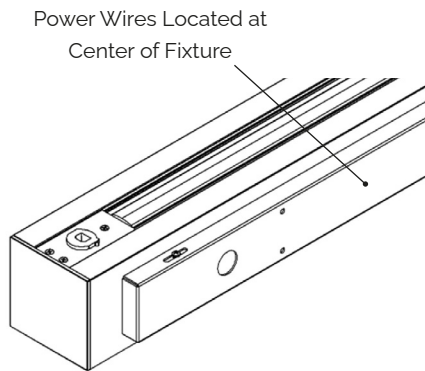
|           |    |    |    |    |    |    |
|-----------|----|----|----|----|----|----|
| S12' (2') | 2' | 2' | 2' | 2' | 2' | 2' |
| S12' (3') | 3' | 3' | 3' | 3' |    |    |
| S12' (4') | 4' | 4' | 4' |    |    |    |
| S12' (6') | 6' | 6' |    |    |    |    |

## Mounting

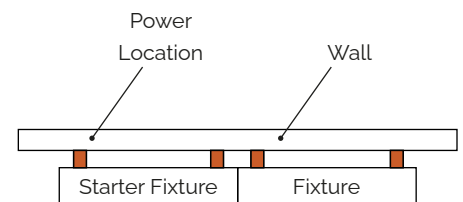
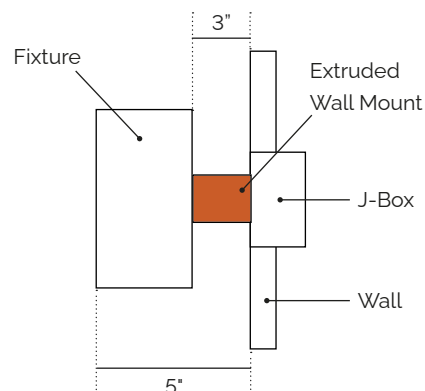
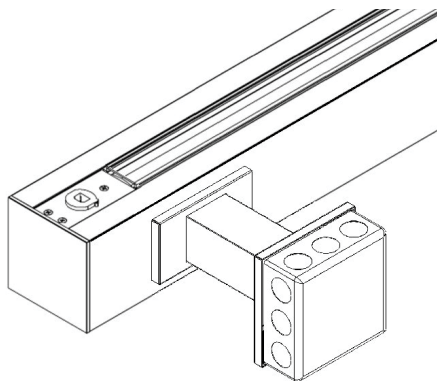
### WM (Wall Mount)



### AWM (Architectural Wall Mount)



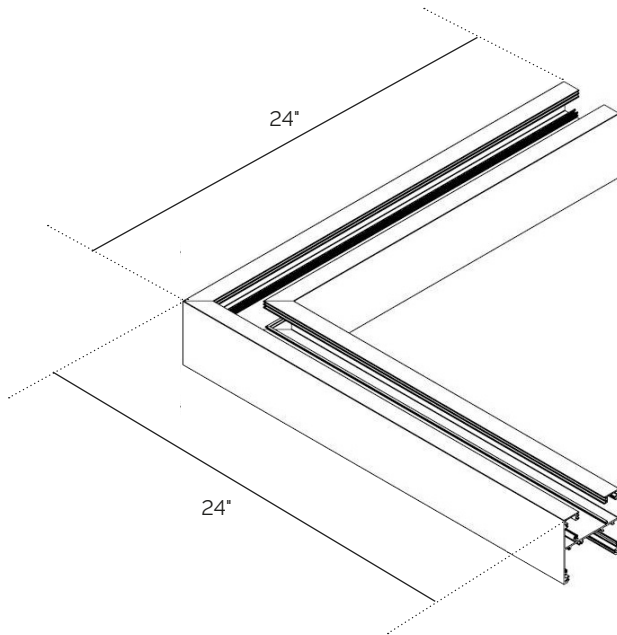
### EWM (Extruded Wall Mount)



## Shape Configuration

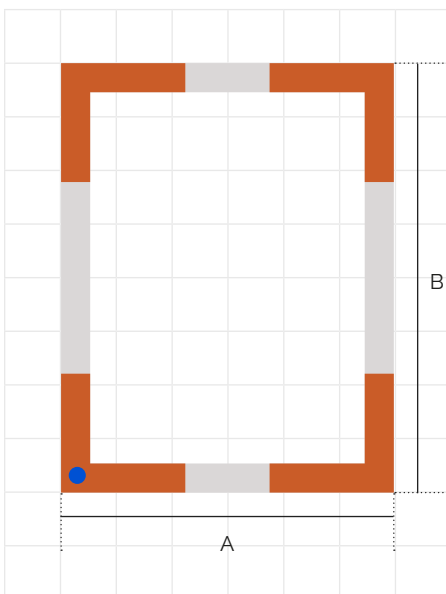
### Joint Shape Configuration with Miter Cuts

Example: Standard stock 24" x 24" joint configurations are provided as shown below.



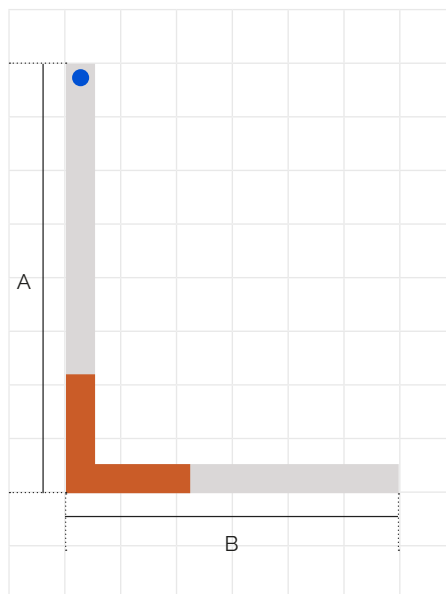
#### Rectangle (\_X\_RECT)

Provide AxB dimensions



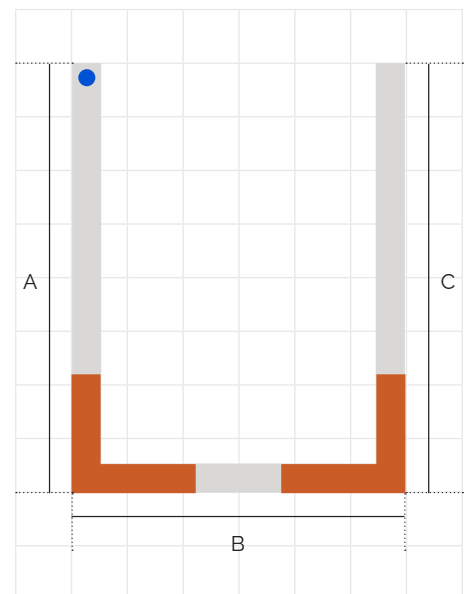
#### L-Shape (\_X\_L)

Provide AxB dimensions



#### U-Shape (\_X\_X\_U)

Provide AxBxC dimensions



● Power Location

## Mounting Locations

Each starter or individual fixture will be provided with (2) mounting supports (●). Each additional fixture will be provided with (1) support which can be located anywhere along the second half of the fixture (highlighted below):

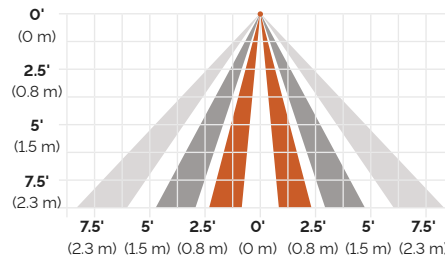
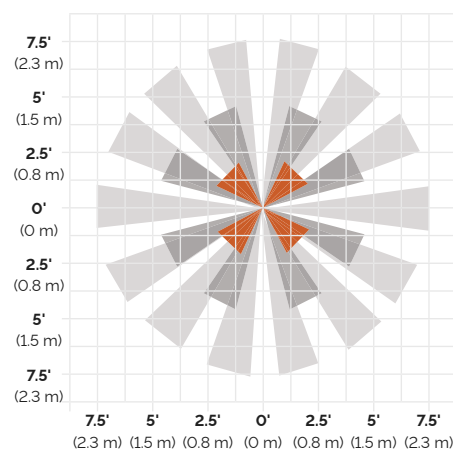
Examples of continuous run mounting locations are as follows:

|         |   |    |   |    |
|---------|---|----|---|----|
| 12' Run | ● | 8' | ● | 4' |
| 16' Run | ● | 8' | ● | 8' |
| 20' Run | ● | 8' | ● | 8' |
| 24' Run | ● | 8' | ● | 8' |
| 28' Run | ● | 8' | ● | 8' |

## Controls

### Sensor

Wattstopper FS-205 v2 Low Voltage PIR. Integrated photosensor for hold-off daylighting control. 24VDC operating voltage. Adjustable time delay (30 seconds to 30 minutes).



### Wireless Node

