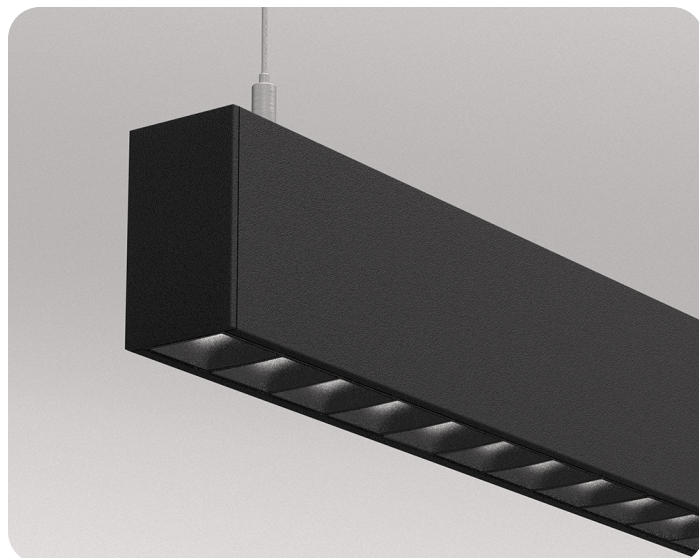


## Sculptura Suspended

Direct / Indirect

### Key Features

- Extruded aluminum single piece housing
- Seamless glare eliminating shade
- Light levels can be factory set
- 0-10V dimming to 1% is standard
- Efficacy up to 137 lm/W with UGR <19
- Consult factory for TM21, TM30, LM79 and LM80



## 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: 2.0" 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'
- 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

- Diffused polymethyl methacrylate (PMMA) shades with matte finish.

### 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
- 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

SCULPTDI-40-500-750-B50-BW-35K-90-PW-ACW05-U-1C-1EMB10

| Series   | Length                              | Direct Output <sup>1</sup> | Indirect Output <sup>1</sup> | Direct Distribution           | Indirect Distribution        |
|----------|-------------------------------------|----------------------------|------------------------------|-------------------------------|------------------------------|
| SCULPTDI |                                     |                            |                              |                               |                              |
|          | <b>XX</b> - Run Length              | <b>250</b> - 250 LPF       | <b>250</b> - 250 LPF         | <b>50° Reflector</b>          | <b>CL</b> - Clear Lens       |
|          | <b>SXX</b> - Symmetrical Run Length | <b>500</b> - 500 LPF       | <b>500</b> - 500 LPF         | <b>B50</b> - Black Reflector  | <b>BW</b> - Batwing          |
|          |                                     | <b>750</b> - 750 LPF       | <b>750</b> - 750 LPF         | <b>W50</b> - White Reflector  | <b>ID</b> - Indirect Diffuse |
|          |                                     | <b>1000</b> - 1000 LPF     | <b>1000</b> - 1000 LPF       | <b>S50</b> - Silver Reflector |                              |
|          | <b>XXX</b> - Custom LPF             | <b>XXX</b> - Custom LPF    | <b>XXX</b> - Custom LPF      | <b>80° Reflector</b>          |                              |
|          |                                     |                            |                              | <b>B80</b> - Black Reflector  |                              |
|          |                                     |                            |                              | <b>W80</b> - White Reflector  |                              |
|          |                                     |                            |                              | <b>S80</b> - Silver Reflector |                              |

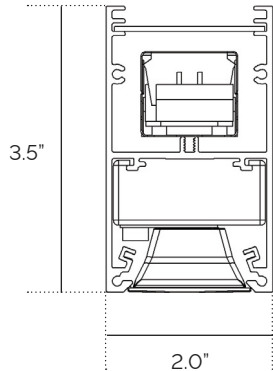
| CCT                                                     | CRI                            | Finish <sup>3</sup>                          | Mounting                      |                                 | Voltage             |
|---------------------------------------------------------|--------------------------------|----------------------------------------------|-------------------------------|---------------------------------|---------------------|
|                                                         |                                |                                              |                               |                                 |                     |
| <b>27K</b> - 2700K                                      | <b>80</b> - 80 CRI             | <b>Standard Powder Coat</b>                  | <b>Cables w/ Canopy Kits</b>  | <b>Cables w/ Loops</b>          | <b>U</b> - 120-277V |
| <b>30K</b> - 3000K                                      | <b>90</b> - 90 CRI (R9 50 min) | <b>PW</b> - White                            | <b>ACW05</b> - 5' White Cord  | <b>ALW10</b> - 10' White Cord   | <b>C</b> - 347V     |
| <b>35K</b> - 3500K                                      |                                | <b>PB</b> - Black                            | <b>ACW10</b> - 10' White Cord | <b>ALB10</b> - 10' Black Cord   |                     |
| <b>40K</b> - 4000K                                      |                                | <b>PS</b> - Silver                           | <b>ACB05</b> - 5' Black Cord  | <b>Stem w/ Canopy Kits</b>      |                     |
| <b>50K</b> - 5000K                                      |                                | <b>Premium</b>                               | <b>ACB10</b> - 10' Black Cord | <b>STEMWXX</b> - XX" White Stem |                     |
| <b>TW</b> - Tunable White <sup>2</sup><br>(2700K-6500K) |                                | <b>RALXXXX</b> - Powder Coat<br>Gloss Finish |                               | <b>STEMBXX</b> - XX" Black Stem |                     |
|                                                         |                                | <b>PSFX</b> - Premium Stock Finish           |                               |                                 |                     |
|                                                         |                                | <b>Custom Powder Coat</b>                    |                               |                                 |                     |
|                                                         |                                | <b>PO</b> - Powder Other                     |                               |                                 |                     |

| Circuiting                                     | Emergency                                                     | Options                                                                             |                                                                    |
|------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------|
|                                                |                                                               |                                                                                     |                                                                    |
| <b>1C</b> - Single Circuit                     | <b>BLANK</b> - None                                           | <b>Specialty Drivers<sup>14</sup></b>                                               | <b>Sensors</b>                                                     |
| <b>2C</b> - Separate D/I Circuits <sup>4</sup> | <b>EC</b> - Emergency Circuit <sup>9</sup>                    | <b>DT1</b> - eldoLED EcoDrive Dim to 1% (0-10V)                                     | <b>DMXX%</b> - Daylight/Motion Sensor (XX%=% Min. Dimming)         |
| <b>MC</b> - Multiple Circuits <sup>5, 6</sup>  | <b>#EMB6</b> - 6W EM Battery <sup>10, 11</sup>                | <b>DTZ</b> - eldoLED SoloDrive Dim to 0.1% (0-10V)                                  | <b>AWNRR</b> - Lutron Athena Wireless Node (RF Only) <sup>18</sup> |
| <b>DL</b> - Daylight Control <sup>5, 7</sup>   | <b>#EMB10</b> - 10W EM Battery <sup>10, 11</sup>              | <b>PSRD</b> - Philips Sensor Ready (DALI) Driver                                    | <b>AWNS</b> - Lutron Athena Wireless Node w/ Sensor <sup>18</sup>  |
| <b>NL</b> - Night Lights <sup>5, 8</sup>       | <b>#FCEMB10</b> - 10W EM Battery <sup>10, 12</sup>            | <b>LDE1</b> - Lutron Hi-Lume EcoSystem LED Driver w/ Soft-on, Fade-to-Black         | <b>NLA</b> - Acuity nLight Air <sup>17</sup>                       |
|                                                | <b>#FCEMB14</b> - 14W EM Battery <sup>10, 12</sup>            | <b>TW-A</b> - Tunable White, 0-10V <sup>15</sup>                                    | <b>NLW</b> - Acuity nLight Wired <sup>17</sup>                     |
|                                                | <b>#GTD</b> - Generator Transfer Device w/ ALCR <sup>13</sup> | <b>TW-EL</b> - eldoLED DUALdrive Tunable White (DALI) <sup>15</sup>                 | <b>WVL</b> - Cooper Wavelinx <sup>17</sup>                         |
|                                                |                                                               | <b>LD2</b> - Lutron DALI 2 Digital Tunable White Driver w/ 1% Dimming <sup>15</sup> |                                                                    |
|                                                |                                                               | <b>HD-XX</b> - HyperDrive Remote Driver <sup>17</sup>                               |                                                                    |

### Ordering Notes

- 200 LPF min. output / 1500 LPF max. output.
- Tunable White Driver must be specified in options.
- See page 3 for standard and premium options.
- 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.
- '#' 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.

## Dimensions



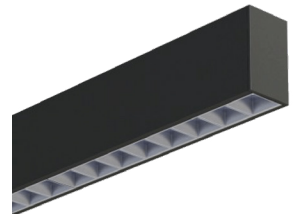
## Reflectors



**Black**  
50° or 80°



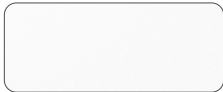
**White**  
50° or 80°



**Silver**  
50° or 80°

## Finishes

### Standard



**PW:** White



**PB:** Black



**PS:** Silver

### Premium Stock



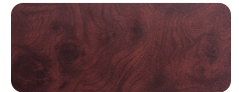
**PSF001:** Wood 1



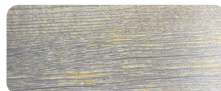
**PSF002:** Wood 2



**PSF003:** Wood 3



**PSF004:** Wood 4



**PSF005:** Wood 5



**PSF006:** Wood 6



**PSF007:** Stone 1



**PSF008:** Stone 2

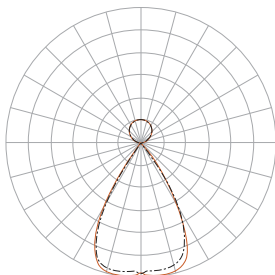


**PSF009:** Stone 3

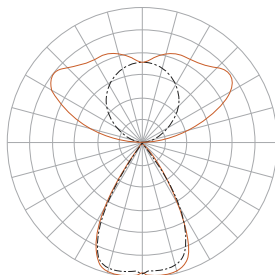
**NOTE:** A minimal impact to lead times will apply to products specified with Premium Stock Finishes (PSF). It is not to be assumed that these finishes are stocked in our warehouse, but rather, are readily available to us for your project.

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

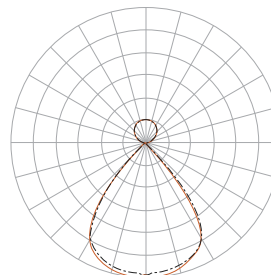
## Distribution



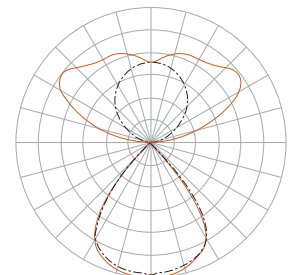
**Indirect:** Clear (CL)  
**Direct:** 50° Reflector



**Indirect:** Batwing (BW)  
**Direct:** 80° Reflector



**Indirect:** Clear (CL)  
**Direct:** 50° Reflector

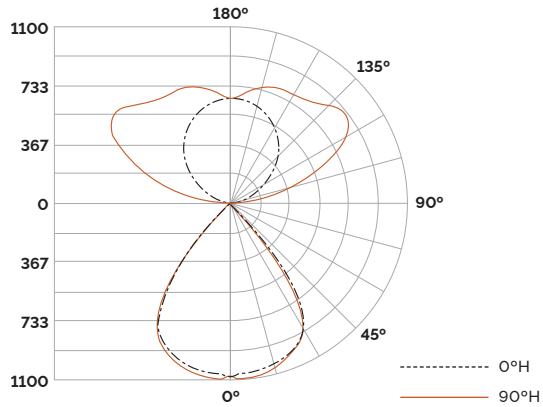


**Indirect:** Batwing (BW)  
**Direct:** 80° Reflector



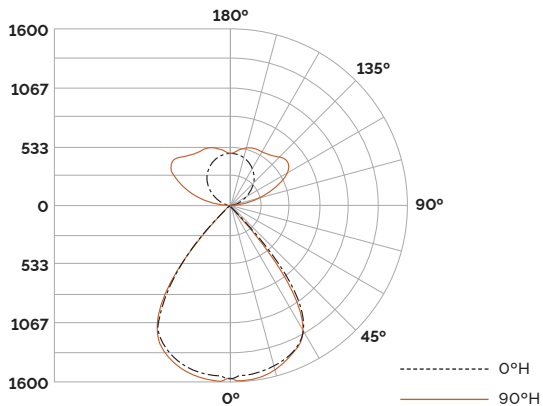
## Performance

### SCULPTDI-X-350-750-B80-BW (80+ CRI)



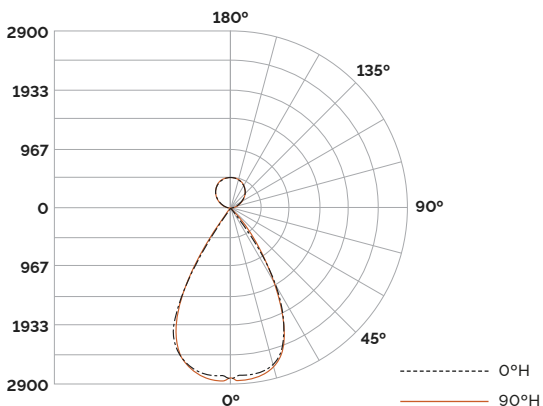
| CCT   | Length | Lumens | Wattage | LPW |
|-------|--------|--------|---------|-----|
| 3000K | 4'     | 4400   | 37      | 120 |
|       | 8'     | 8800   | 69      | 127 |
| 3500K | 4'     | 4400   | 36      | 123 |
|       | 8'     | 8800   | 68      | 130 |
| 4000K | 4'     | 4400   | 35      | 126 |
|       | 8'     | 8800   | 66      | 133 |
| 5000K | 4'     | 4400   | 34      | 130 |
|       | 8'     | 8800   | 64      | 137 |

### SCULPTDI-X-500-500-B80-BW (80+ CRI)



| CCT   | Length | Lumens | Wattage | LPW |
|-------|--------|--------|---------|-----|
| 3000K | 4'     | 4000   | 34      | 119 |
|       | 8'     | 8000   | 63      | 126 |
| 3500K | 4'     | 4000   | 33      | 122 |
|       | 8'     | 8000   | 62      | 129 |
| 4000K | 4'     | 4000   | 32      | 125 |
|       | 8'     | 8000   | 61      | 132 |
| 5000K | 4'     | 4000   | 31      | 129 |
|       | 8'     | 8000   | 59      | 136 |

### SCULPTDI-X-750-350-B50-CL (80+ CRI)



| CCT   | Length | Lumens | Wattage | LPW |
|-------|--------|--------|---------|-----|
| 3000K | 4'     | 4400   | 38      | 110 |
|       | 8'     | 8800   | 72      | 117 |
| 3500K | 4'     | 4400   | 37      | 113 |
|       | 8'     | 8800   | 70      | 120 |
| 4000K | 4'     | 4400   | 36      | 116 |
|       | 8'     | 8800   | 69      | 123 |
| 5000K | 4'     | 4400   | 35      | 120 |
|       | 8'     | 8800   | 67      | 127 |



## 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)

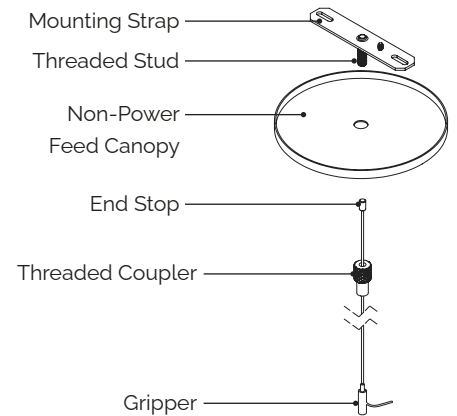
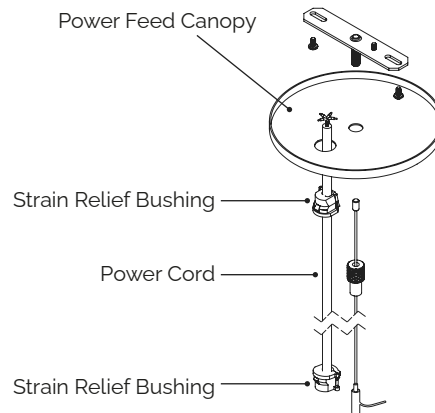
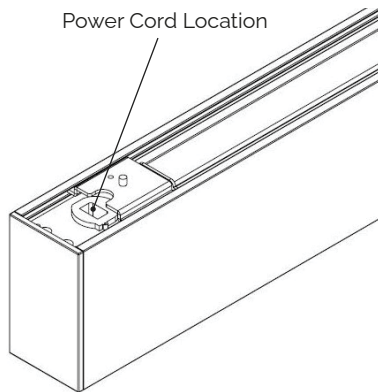
The construction of SXX (y') is to build with equal length fixtures. The xx indicates the run length. The y' indicates the fixture length used to create the run. Please indicate this on your P.O. when placing your order.

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

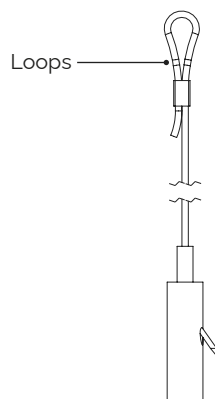
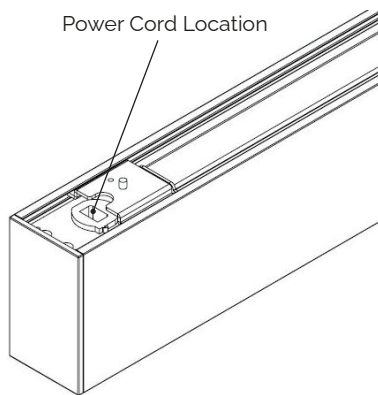
## Mounting

### ACXXX (Aircraft Cable with Canopy)

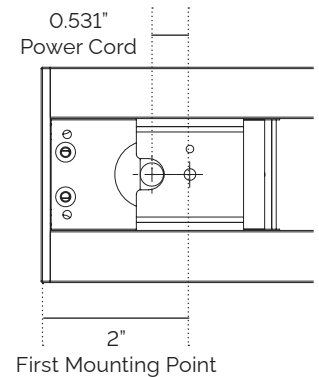
Drywall, Solid, Tile (On-Grid), and Tile (Off-Grid)



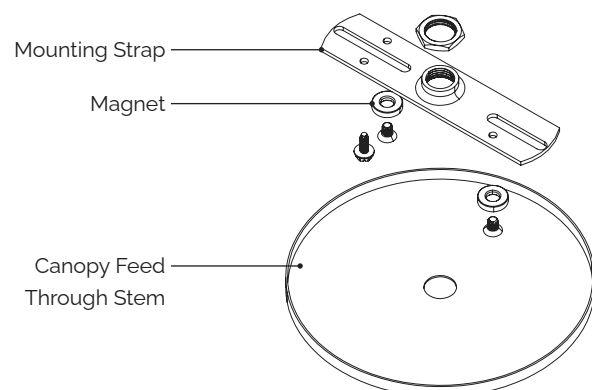
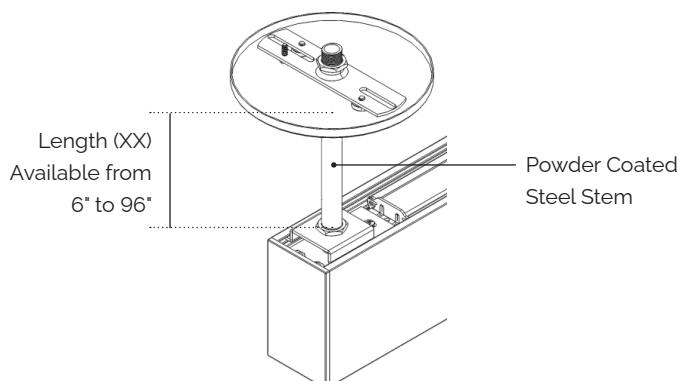
### ALXXX (Aircraft Cable with Loops)



#### Power Cord & First Mount Details



### STEMWXX, STEMBXX (Stem Mount)



## 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):

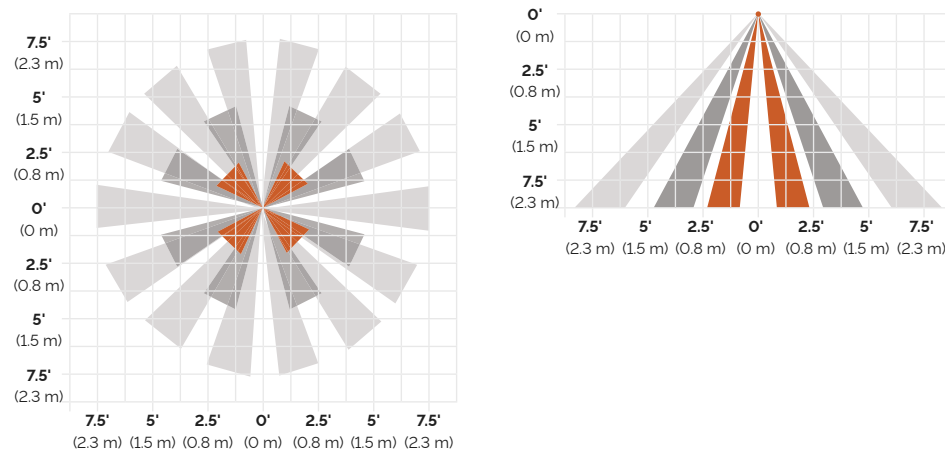
Examples of continuous run mounting locations are as follows:

|         |   |    |   |    |
|---------|---|----|---|----|
| 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

