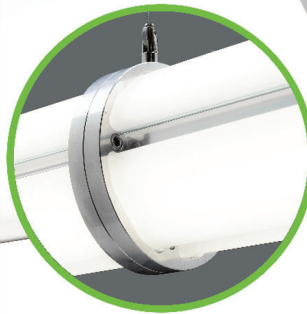




# Series: Specification Sheet

The LUX 360+ series marries architectural **STYLE** with highbay **PERFORMANCE**. With as high as **6000 LUMENS PER FOOT** and up to **4 ILLUMINATED SIDES**, this multipurpose luminaire is more **VERSATILE** than anything else on the market. Made from **EXTRUDED 6063 ALUMINUM**, the 360+ series is a lasting and high-performing option for almost any lighting project.



## Performance

- Lumen output: **7,500 up to 36,000 lumens**
- Efficacy: **Up to 179 Lumens per Watt**
- $L_{70}$  (per TM-21): **72,000 Hours**
- $L_{70}$  (calculated): **147,000 Hours**
- Ambient Temp. Rating: **-40°F to 104°F (-40°C to 40°C)**  
Ambient temperature rating varies for auxiliary components
- Surge Protection: **6kV (10kV Option Available)**

## Construction

- Extruded 6063 aluminum construction
- Stainless-steel hardware
- Bright dip anodized fixture body
- Hinged lid for easy access to driver channel

## Optics

- Wide 120° to 360° beam angle
- Diffusing lens available in clear and white
- Acrylic and polycarbonate lens materials available

## Warranty

- 10-Year Warranty on fixture body
- 5-Year Warranty on electronics
- For special requests, contact factory

## Applications

- Strip lighting
- Cove lighting
- Natatoriums
- Low mounted task lighting
- Gymnasiums/Sports facilities
- Warehouses
- Manufacturing/Industrial
- Commercial Indoor/Architectural

## Installation

- Aircraft cable suspension
- Surface mounting
- Rigid pendant mounting (with or without powerfeed)
- Near-seamless tandem mounting available
- Custom mounts available, contact factory

## Listing and Ratings

- UL 1598 for Dry, Damp and Canopy Locations
- ARRA/BAA Compliant (Made in America)
- BAA Compliant Options Available, Consult Factory
- Exceeds IK10 impact rating with polycarbonate lenses
- IK10 rating does not apply to acrylic lenses
- DLC Listed



Example Catalog Number:

360P

4

URD

835

U10

HM

| Series                 |   | Fixture Length<br>(nominal) in feet                        | Illuminated<br>Sides                                  | CRI / CCT                                                                          | Voltage and Dimming                                                                                                                                                     | Endcap                                                                                 |
|------------------------|---|------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 360P   360 Plus Series | 2 | 2' (23.1375")                                              | U   Up                                                | 865 80CRI 6500K                                                                    | U10 120-277V 0-10V dimming 10% min.                                                                                                                                     | HM   Hanger Mount endcap, industrial finish                                            |
|                        | 4 | 4' (46.20")                                                | R   Right                                             | 857 80CRI 5700K                                                                    | U1 120-277V 0-10V dimming 1% min.                                                                                                                                       | SM   Surface Mount endcap, industrial finish                                           |
|                        | 8 | 8' (92.20")                                                | D   Down                                              | 850 80CRI 5000K                                                                    | H10 347/480V 0-10V dimming 10% min.                                                                                                                                     | VS   Vertical Stem mount endcap<br><b>MM1 accessory included</b>                       |
|                        |   |                                                            | L   Left                                              | 840 80CRI 4000K                                                                    | H1 347/480V 0-10V dimming 1% min.                                                                                                                                       |                                                                                        |
|                        |   | When using AM endcap, add 0.3" to overall length           | Any combination of "U", "R", "D", and "L" may be used | 835 80CRI 3500K                                                                    | DALI 120-277V DALI control 0% min.                                                                                                                                      | AM   Architectural Mount aluminum endcap                                               |
|                        |   | Fixture length is nominal, see page 4 for exact dimensions |                                                       | 830 80CRI 3000K                                                                    | DMX* 120-277V DMX control                                                                                                                                               | Please specify cable or surface mounting<br>If surface, please specify wall or ceiling |
|                        |   |                                                            |                                                       | 827 80CRI 2700K                                                                    |                                                                                                                                                                         |                                                                                        |
|                        |   |                                                            |                                                       | 950 90CRI 5000K                                                                    |                                                                                                                                                                         |                                                                                        |
|                        |   |                                                            |                                                       | 940 90CRI 4000K                                                                    |                                                                                                                                                                         |                                                                                        |
|                        |   |                                                            |                                                       | 935 90CRI 3500K                                                                    |                                                                                                                                                                         |                                                                                        |
|                        |   |                                                            |                                                       | 927 90CRI 2700K                                                                    |                                                                                                                                                                         |                                                                                        |
|                        |   |                                                            |                                                       | TW* Tunable White RGBW* RGB with XXX                                               |                                                                                                                                                                         |                                                                                        |
|                        |   |                                                            |                                                       | GREYED options not stocked and may need additional lead time                       | <b>Dimming curves and other operating characteristics may vary between models</b><br>*Option significantly decreases lumen output, contact Factory for more information |                                                                                        |
|                        |   |                                                            |                                                       | *Options significantly decrease lumen output, contact Factory for more information |                                                                                                                                                                         |                                                                                        |

## Options and Accessories

### Lensing

|    |                                  |
|----|----------------------------------|
| CA | Clear acrylic diffuse lens       |
| WA | White acrylic diffuse lens       |
| CP | Clear polycarbonate diffuse lens |
| WP | White polycarbonate diffuse lens |

"2", "4", or "8" denotes fixture length.

Nominal data based off "WA" lens option

### Power Feed

(leave blank) Cords/wire leads provided through endcap (Standard)

WB Wire through body, cords/wire leads provided through side/top/bottom of fixture  
Please consult with factory for powerfeed location for WB option

WB option not available on 4-sided luminaire.

Power feed not available through any illuminated face of fixture.

### Custom Output

CFO Custom fixture output. Specify desired lumens per foot

### Cord

|               |                  |                     |
|---------------|------------------|---------------------|
| (leave blank) | No cord provided | Wire leads provided |
| 3/10          | 3-wire, 10' cord | Standard white      |
| 4/10          | 4-wire, 10' cord | Standard white      |
| 5/10          | 5-wire, 10' cord | Standard white      |
| 6/10          | 6-wire, 10' cord | Standard white      |
| 3/20          | 3-wire, 20' cord | Standard white      |
| 4/20          | 4-wire, 20' cord | Standard white      |
| 5/20          | 5-wire, 20' cord | Standard white      |
| 6/20          | 6-wire, 20' cord | Standard white      |
| 3/30          | 3-wire, 30' cord | Standard white      |
| 4/30          | 4-wire, 30' cord | Standard white      |
| 5/30          | 5-wire, 30' cord | Standard white      |
| 6/30          | 6-wire, 30' cord | Standard white      |

#### Other cord lengths and multi-circuit wiring available

1<sup>st</sup> digit: Number of wires, including ground. Available from 3 through 6

2<sup>nd</sup> digit: Overall length, including strips. Available from 10' through 30'

### Finish

(leave blank) Standard finish endcaps (as shown on specification sheet)

PC Powder coated endcaps, must specify RAL number

AM endcap standard natorium-grade bright dip anodized aluminum

HM, SM, and VS endcaps standard mill finish

Fixture body will remain bright dip anodized aluminum with PC option

Some options may affect lead time

All reported performance data is nominal and delivered with 835 CRI/CCT and WA lens option - Static white ONLY

## Options and Accessories Continued

### Emergency

**E10 360+** 10-watt integral emergency battery, available in 4' and 8' models only

### Tandem Mounting

Near-Seamless tandem mounting available.  
Contact factory.

### Mounting Accessories

- 1P10** AC cable for **horizontal** fixture mounting, up to 10' length, snap hook (single)
- 1P20** AC cable for **horizontal** fixture mounting, up to 20' length, snap hook (single)
- 1P30** AC cable for **horizontal** fixture mounting, up to 30' length, snap hook (single)
- 2P10** AC cable for **horizontal** fixture mounting, up to 10' length, snap hook
- 2P20** AC cable for **horizontal** fixture mounting, up to 20' length, snap hook
- 2P30** AC cable for **horizontal** fixture mounting, up to 30' length, snap hook
- 2P10V** Adjustable AC cable for **vertical** fixture mounting, up to 10' length, snap hook
- 2P20V** Adjustable AC cable for **vertical** fixture mounting, up to 20' length, snap hook
- 2P30V** Adjustable AC cable for **vertical** fixture mounting, up to 30' length, snap hook
- MH1** 1-point 1/2" IP threaded hub to mount to 1/2" conduit, vertical mount only
- MH2** 2-point 1/2" IP threaded hub to mount to 1/2" conduit, horizontal mount only

*Vertical mounting only available with AM and VS endcap*

*MH2 option for horizontal mounting not available for 2' or 4-sided models*

### Sensors/Controls

**OC-KO** Knockout mounted high/low/off occupancy and daylight harvesting sensor (120-277V)

**OCKH** Knockout mounted high/low/off occupancy and daylight harvesting sensor (347/480V) **High voltage**

**Wireless Control** Multiple wireless control systems available. Contact factory for options and details.

**AT** Asset tracking

*LUX is controls-agnostic and can use most requested control systems*

### Application

- AFH** Arena or field house *(polycarbonate lensing recommended)*
- ARCH** Architectural
- BABA** Build America Buy America (BABA) compliant *(Not all configurations meet BABA, consult Factory)*
- COM** Commercial application
- COR\*** Caustic and natatorium environments *(Includes concormal coated LED modules)*
- COV** Cove lighting
- DATA** Data entry and server room applications
- FRZ** Freezer or cold storage
- GAR** Garage or canopy
- GYM** Gymnasium or sports court *(polycarbonate lensing required)*
- HNG** Hangar
- ICE** Ice rink *(polycarbonate lensing recommended)*
- MFG** Manufacturing or industrial
- TC** Tennis court *(polycarbonate lensing recommended)*
- WHS** Warehousing or storage

# 360P Performance

| 2' Length<br>Performance based on 3500K CCT |                                               |        |       |          | 4' Length<br>Performance based on 3500K CCT |                                               |        |       |          | 8' Length<br>Performance based on 3500K CCT |                                               |        |       |          |
|---------------------------------------------|-----------------------------------------------|--------|-------|----------|---------------------------------------------|-----------------------------------------------|--------|-------|----------|---------------------------------------------|-----------------------------------------------|--------|-------|----------|
| CA<br>Lens                                  | Description/ Model Number                     | Lumens | Watts | Efficacy | CA<br>Lens                                  | Description/ Model Number                     | Lumens | Watts | Efficacy | CA<br>Lens                                  | Description/ Model Number                     | Lumens | Watts | Efficacy |
|                                             | 4-Sides Illuminated<br>360P-2-URDL-835-XXX-CA | 8,996  | 51    | 176      |                                             | 4-Sides Illuminated<br>360P-4-URDL-835-XXX-CA | 17,993 | 103   | 175      |                                             | 4-Sides Illuminated<br>360P-8-URDL-835-XXX-CA | 35,986 | 207   | 174      |
|                                             | 3-Sides Illuminated<br>360P-2-XXX-835-XXX-CA  | 9,304  | 52    | 179      |                                             | 3-Sides Illuminated<br>360P-4-XXX-835-XXX-CA  | 18,609 | 104   | 179      |                                             | 3-Sides Illuminated<br>360P-8-XXX-835-XXX-CA  | 37,218 | 208   | 179      |
|                                             | 2-Sides Illuminated<br>360P-2-XX-835-XXX-CA   | 9,111  | 53    | 172      |                                             | 2-Sides Illuminated<br>360P-4-XX-835-XXX-CA   | 18,222 | 105   | 174      |                                             | 2-Sides Illuminated<br>360P-8-XX-835-XXX-CA   | 36,444 | 211   | 173      |
|                                             | 1-Sides Illuminated<br>360P-2-X-835-XXX-CA    | 8,735  | 54    | 162      |                                             | 1-Sides Illuminated<br>360P-4-X-835-XXX-CA    | 17,471 | 108   | 162      |                                             | 1-Sides Illuminated<br>360P-8-X-835-XXX-CA    | 34,942 | 216   | 162      |
| CP<br>Lens                                  | Description/ Model Number                     | Lumens | Watts | Efficacy | CP<br>Lens                                  | Description/ Model Number                     | Lumens | Watts | Efficacy | CP<br>Lens                                  | Description/ Model Number                     | Lumens | Watts | Efficacy |
|                                             | 4-Sides Illuminated<br>360P-2-URDL-835-XXX-CP | 8,377  | 51    | 164      |                                             | 4-Sides Illuminated<br>360P-4-URDL-835-XXX-CP | 16,754 | 103   | 163      |                                             | 4-Sides Illuminated<br>360P-8-URDL-835-XXX-CP | 33,508 | 207   | 162      |
|                                             | 3-Sides Illuminated<br>360P-2-XXX-835-XXX-CP  | 8,664  | 52    | 167      |                                             | 3-Sides Illuminated<br>360P-4-XXX-835-XXX-CP  | 17,328 | 104   | 167      |                                             | 3-Sides Illuminated<br>360P-8-XXX-835-XXX-CP  | 34,655 | 208   | 167      |
|                                             | 2-Sides Illuminated<br>360P-2-XX-835-XXX-CP   | 8,484  | 53    | 160      |                                             | 2-Sides Illuminated<br>360P-4-XX-835-XXX-CP   | 16,967 | 105   | 162      |                                             | 2-Sides Illuminated<br>360P-8-XX-835-XXX-CP   | 33,935 | 211   | 161      |
|                                             | 1-Sides Illuminated<br>360P-2-X-835-XXX-CP    | 8,134  | 54    | 151      |                                             | 1-Sides Illuminated<br>360P-4-X-835-XXX-CP    | 16,268 | 108   | 151      |                                             | 1-Sides Illuminated<br>360P-8-X-835-XXX-CP    | 32,536 | 216   | 151      |
| WA<br>Lens                                  | Description/ Model Number                     | Lumens | Watts | Efficacy | WA<br>Lens                                  | Description/ Model Number                     | Lumens | Watts | Efficacy | WA<br>Lens                                  | Description/ Model Number                     | Lumens | Watts | Efficacy |
|                                             | 4-Sides Illuminated<br>360P-2-URDL-835-XXX-WA | 8,048  | 51    | 158      |                                             | 4-Sides Illuminated<br>360P-4-URDL-835-XXX-WA | 16,095 | 103   | 156      |                                             | 4-Sides Illuminated<br>360P-8-URDL-835-XXX-WA | 32,190 | 207   | 156      |
|                                             | 3-Sides Illuminated<br>360P-2-XXX-835-XXX-WA  | 8,323  | 52    | 160      |                                             | 3-Sides Illuminated<br>360P-4-XXX-835-XXX-WA  | 16,646 | 104   | 160      |                                             | 3-Sides Illuminated<br>360P-8-XXX-835-XXX-WA  | 33,292 | 208   | 160      |
|                                             | 2-Sides Illuminated<br>360P-2-XX-835-XXX-WA   | 8,150  | 53    | 154      |                                             | 2-Sides Illuminated<br>360P-4-XX-835-XXX-WA   | 16,300 | 105   | 155      |                                             | 2-Sides Illuminated<br>360P-8-XX-835-XXX-WA   | 32,600 | 211   | 155      |
|                                             | 1-Sides Illuminated<br>360P-2-X-835-XXX-WA    | 7,814  | 54    | 145      |                                             | 1-Sides Illuminated<br>360P-4-X-835-XXX-WA    | 15,628 | 108   | 145      |                                             | 1-Sides Illuminated<br>360P-8-X-835-XXX-WA    | 31,256 | 216   | 145      |
| WP<br>Lens                                  | Description/ Model Number                     | Lumens | Watts | Efficacy | WP<br>Lens                                  | Description/ Model Number                     | Lumens | Watts | Efficacy | WP<br>Lens                                  | Description/ Model Number                     | Lumens | Watts | Efficacy |
|                                             | 4-Sides Illuminated<br>360P-2-URDL-835-XXX-WP | 6,482  | 51    | 127      |                                             | 4-Sides Illuminated<br>360P-4-URDL-835-XXX-WP | 12,965 | 103   | 126      |                                             | 4-Sides Illuminated<br>360P-8-URDL-835-XXX-WP | 25,930 | 207   | 125      |
|                                             | 3-Sides Illuminated<br>360P-2-XXX-835-XXX-WP  | 6,704  | 52    | 129      |                                             | 3-Sides Illuminated<br>360P-4-XXX-835-XXX-WP  | 13,409 | 104   | 129      |                                             | 3-Sides Illuminated<br>360P-8-XXX-835-XXX-WP  | 26,817 | 208   | 129      |
|                                             | 2-Sides Illuminated<br>360P-2-XX-835-XXX-WP   | 6,565  | 53    | 124      |                                             | 2-Sides Illuminated<br>360P-4-XX-835-XXX-WP   | 13,130 | 105   | 125      |                                             | 2-Sides Illuminated<br>360P-8-XX-835-XXX-WP   | 26,260 | 211   | 124      |
|                                             | 1-Sides Illuminated<br>360P-2-X-835-XXX-WP    | 6,294  | 54    | 117      |                                             | 1-Sides Illuminated<br>360P-4-X-835-XXX-WP    | 12,589 | 108   | 117      |                                             | 1-Sides Illuminated<br>360P-8-X-835-XXX-WP    | 25,177 | 216   | 117      |

## Lumen Multipliers

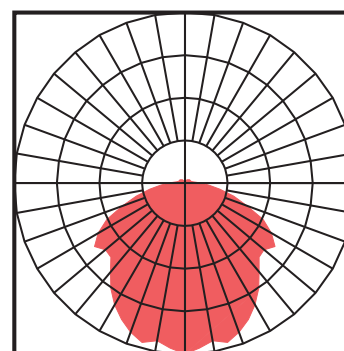
| CCT                  |        |
|----------------------|--------|
| Standard = 3500K CCT |        |
| 6500K                | 105.3% |
| 5700K                | 105.3% |
| 5000K                | 105.3% |
| 4000K                | 105.3% |
| 3500K (nominal)      | 100.0% |
| 3000K                | 100.0% |
| 2700K                | 94.7%  |

| Lens               |        |
|--------------------|--------|
| Standard = WA Lens |        |
| CA                 | 111.8% |
| CP                 | 104.1% |
| WA (nominal)       | 100.0% |
| WP                 | 80.6%  |

| CRI               |        |
|-------------------|--------|
| Standard = 80 CRI |        |
| 80 CRI (nominal)  | 100.0% |
| 90 CRI            |        |
| 5700K (90 CRI)    | 85.0%  |
| 5000K (90 CRI)    | 85.0%  |
| 4000K (90 CRI)    | 85.0%  |
| 3500K (90 CRI)    | 84.2%  |
| 3000K (90 CRI)    | 79.0%  |
| 2700K (90 CRI)    | 83.3%  |
| 2200K (90 CRI)    | 80.0%  |

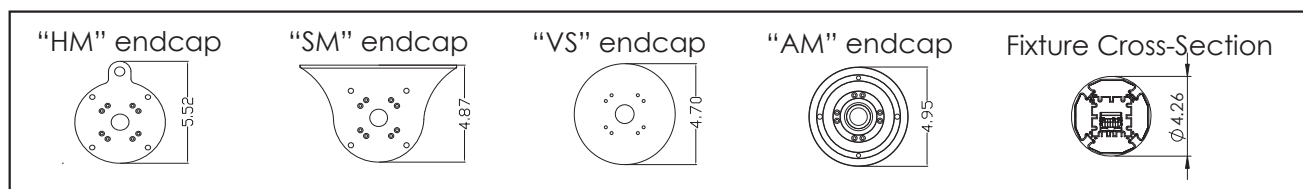
## Optical Distribution

Lensed (CA, CP, WA, or WP)  
wide/diffused optic achieved using any of our  
standard lenses

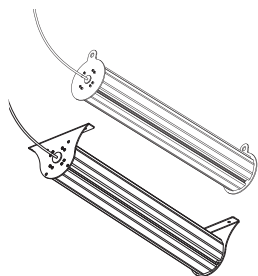


Single Side

## Fixture Dimensions



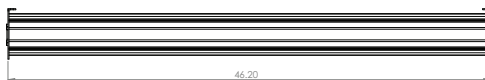
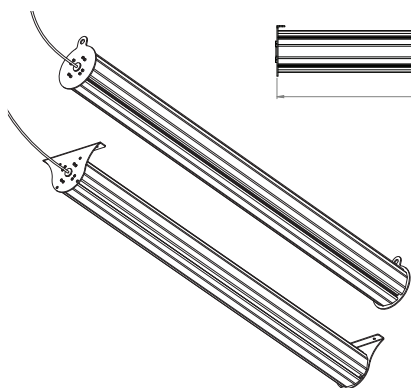
### 2' Fixture Dimensions



#### 360P-2-XXX-XXX

Overall Length: 23.1375"  
Overall Length With AM Endcap: 23.4375"  
Overall Width: 4.7"  
Overall Height: 5.8"  
Weight (no cord): 5 lbs

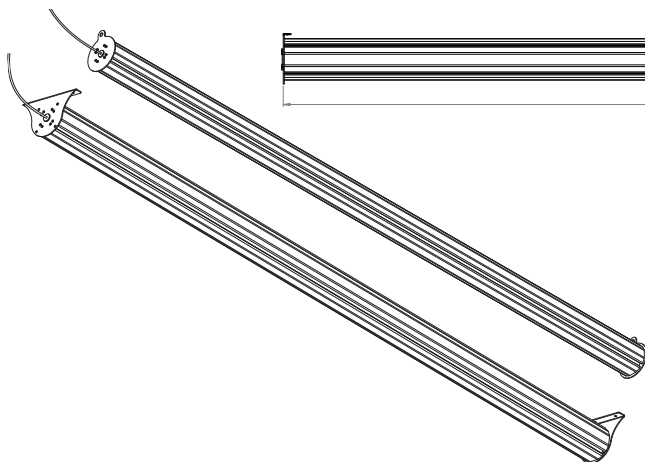
### 4' Fixture Dimensions



#### 360P-4-XXX-XXX

Overall Length: 46.2"  
Overall Length With AM Endcap: 46.5"  
Overall Width: 4.7"  
Overall Height: 5.8"  
Weight (no cord): 10 lbs

### 8' Fixture Dimensions



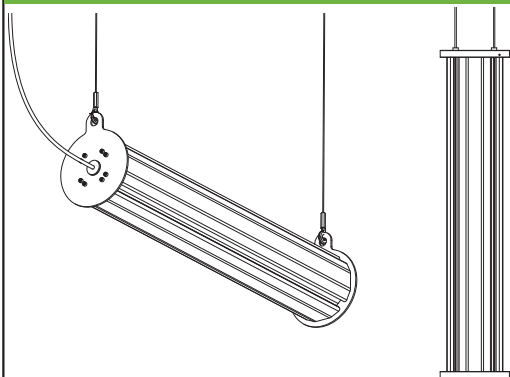
#### 360P-8-XXX-XXX

Overall Length: 92.2"  
Overall Length With AM Endcap: 92.5"  
Overall Width: 4.7"  
Overall Height: 5.8"  
Weight (no cord): 20 lbs

**CUSTOM configurations are available**  
**Please feel free to contact us for OPTIONS**

# Mounting Options

## Hanger Mount



Part Numbers:

**2P10, 2P10S, 2P10V** - Aircraft cable **10'** in length with snap hook (1 pair of cables)

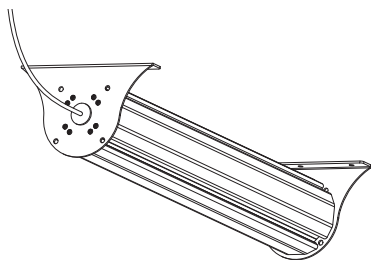
**2P20, 2P20S, 2P20V** - Aircraft cable **20'** in length with snap hook (1 pair of cables)

**2P30, 2P30S, 2P30V** - Aircraft cable **30'** in length with snap hook (1 pair of cables)

- Standard hangers galvanized steel
- "S" in part number denotes natatorium-grade stainless steel
- "V" in part number denotes vertical cable mounting

## Surface Mount

### Ceiling/Wall Mounting



Part Number:

**SM - Ceiling/Wall mount.** Fixture may be anchored flush to any suitable substrate using mounting holes provided in fixture's endcap.

**Mounting hardware supplied by others.**

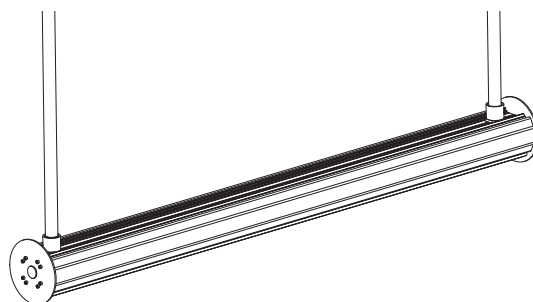
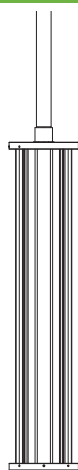
## Rigid Stem Mount

Part Number:

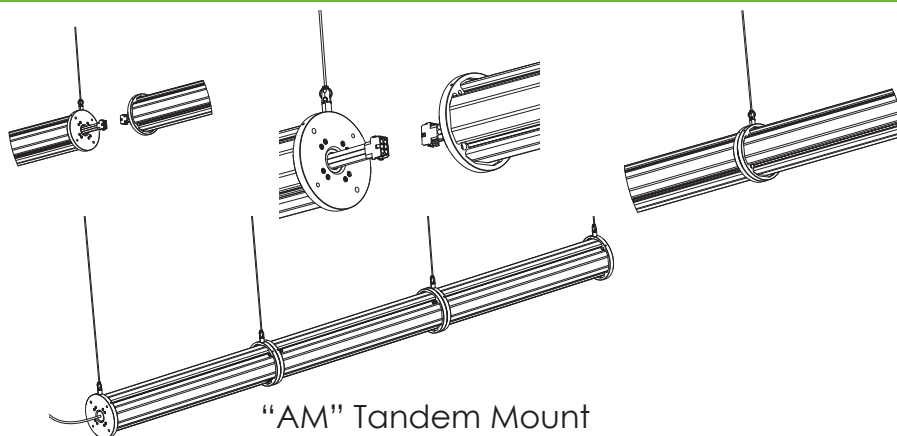
**MH1 - 1-point rigid stem mount.** 1/2" IP threaded hub to mount to 1/2" conduit. MH1 Vertical For use **only** with AM and VS endcap.

**MH2 - 2-point rigid stem mount.** 1/2" IP threaded hub to mount to 1/2" conduit. Horizontal mounting only.

**Stem/threaded rod not provided**



## Tandem Mount



### "AM" Tandem Mount Hanger Mounting

- Consult factory for tandem mounting options
- Near seamless run of fixtures in 2', 4', and 8' increments
- Tandem-bracket locking mechanism along with quick-connect allows for easy installation
- Cable and surface mounting available
- Run length limitations may exist depending on application

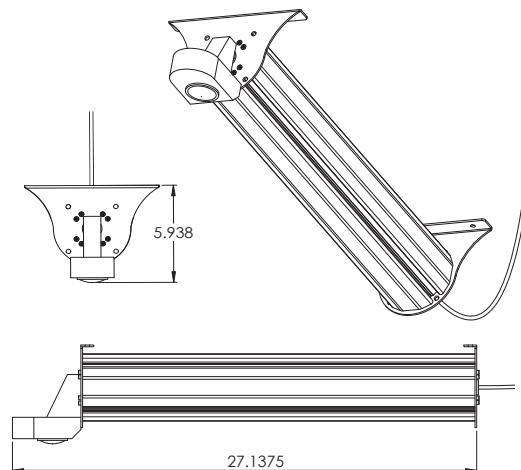
## Sensors and Controls

### Part Numbers:

- OCK** - (For 120-277V installations) Occupancy sensor. Options include: ON/OFF, HI/LOW/OFF,....
- OCKH** - (For 347/480V installations) Occupancy sensor. Options include: ON/OFF, HI/LOW/OFF,....
- DOK** - (For 120-277V installations) Occupancy and Daylight sensor. Options include: ON/OFF, HI/LOW/OFF,....
- DOKH** - (For 347/480V installations) Occupancy and Daylight sensor. Options include: ON/OFF, HI/LOW/OFF,....

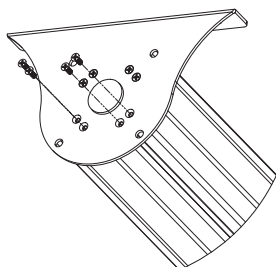
### Notes:

- Uses 0-10V control signal
- Ambient temperature range: -10° to 60°C
- Mounting height: approximately 15ft. to 45ft.
- Approximate coverage area: 15ft. to 20ft. approximate radial coverage (30ft. to 40ft. coverage diameter)
- Sensor includes occupancy (PIR) and day-light harvesting (Photocell) capabilities
- Sensor programming is set to default unless otherwise specified. See sensor programming sheet for default settings and other options

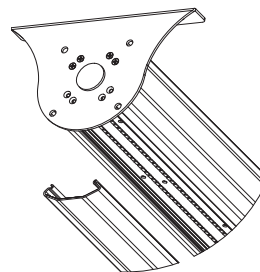


## Electronic Channel Access

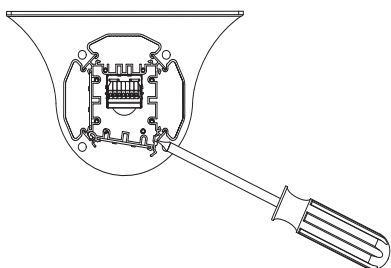
- 1** Remove (4) screws holding lid in place. Lid screws are located on opposite side of mounting point.



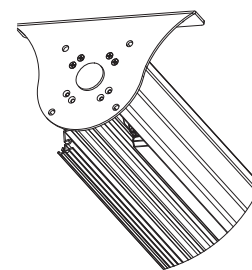
- 2** Remove lens from "lid" side of 360 extrusion.



- 3** Find seam in 360 channel/lid and use flathead screwdriver to open lid.

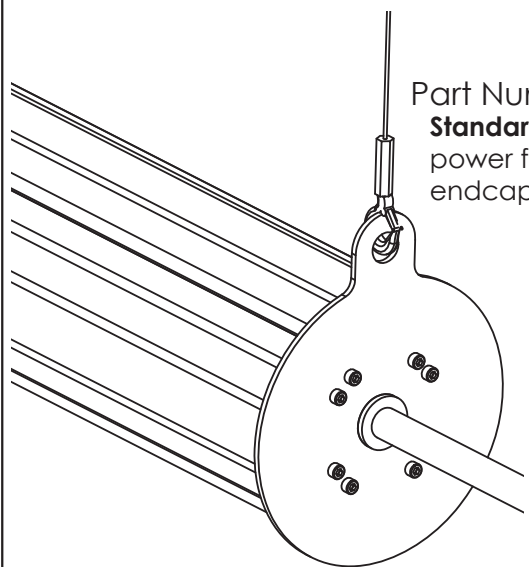


- 4** Once maintenance is complete, secure lid by snapping shut, replacing (4) screws, and replacing lens.

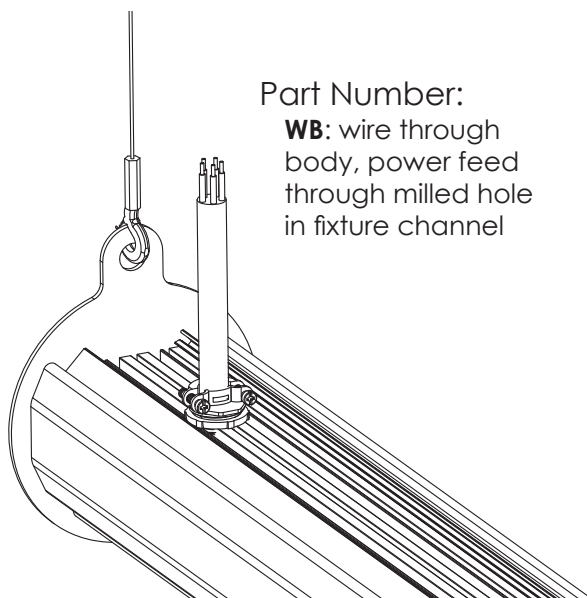


## Power Feed Location

Fixture power feed location may utilize knockout on endcap or milled hole in the fixture. Consult factory for options.



Part Number:  
**Standard (leave blank):**  
power feed through  
endcap knockout



Part Number:  
**WB:** wire through  
body, power feed  
through milled hole  
in fixture channel

