360+ 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 6463 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 6463 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)
- BABA Compliant Optioins 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

	Fixture length (nominal) in feet	Light output is spread across all illuminated sides	Other color rendering indexes and color temperatures are available, Consult factory		
Series	**Fixture Length**	**Illuminated Sides**	**CRI / CCT**	**Voltage and Dimming**	**Endcap**
360P 360 Plus Series	**2** 2' (23.1375") **4** 4' (46.20") **8** 8' (92.20") When using AM endcap, add 0.3" to overall length Fixture length is nominal, see page 4 for exact dimensions	**U** Up **R** Right **D** Down **L** Left Any combination of "U", "R", "D", and "L" may be used	**865** 80CRI 6500K **857** 80CRI 5700K **850** 80CRI 5000K **840** 80CRI 4000K **835** 80CRI 3500K **830** 80CRI 3000K **827** 80CRI 2700K **950** 90CRI 5000K **940** 90CRI 4000K **935** 90CRI 3500K **927** 90CRI 2700K **TW*** Tunable White **RGBW*** RBG with XXX **GREYED** options not stocked and may need additional lead time *Options significantly decrease lumen output, contact Factory for more information	**U10** 120-277V 0-10V dimming 10% min. **U1** 120-277V 0-10V dimming 1% min. **H10** 347/480V 0-10V dimming 10% min. **H1** 347/480V 0-10V dimming 1% min. **DALI** 120-277V DALI control 0% min. **DMX*** 120-277V DMX control **Dimming curves and other operating characteristics may vary between models** *Option significantly decreases lumen output, contact Factory for more information	**HM** Hanger Mount endcap, industrial finish **SM** Surface Mount endcap, industrial finish **Please specify wall or ceiling for SM** **VS** Vertical Stem mount endcap **MH1 accessory included** **AM** Architectural Mount aluminum endcap **Please specify cable or surface mounting** **If surface, please specify wall or ceiling**

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
1st digit: Number of wires, including ground. Available from 3 through 6
2nd 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 natatorium-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
2P20V	Adjustable AC cable for vertical fixture mounting, up to 20' length
2P30V	Adjustable AC cable for vertical fixture mounting, up to 30' length
2P10VS	Adjustable AC cable for horizontal fixture mounting, up to 10' length, stainless-steel
2P20VS	Adjustable AC cable for horizontal fixture mounting, up to 20' length, stainless-steel
2P30VS	Adjustable AC cable for horizontal fixture mounting, up to 30' length, stainless-steel
MH1	1/2" IP threaded hub to mount to 1/2" conduit
MH2	2-Point 1/2" IP threaded hub to mount to 1/2" conduit
MH1S	1/2" IP threaded hub to mount to 1/2" conduit, stainless-steel
MH2S	2-Point 1/2" IP threaded hub to mount to 1/2" conduit, stainless steel

Vertical mounting only available with AM and VS endcap
MH1 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
Performance based on 3500K CCT

	Description/ Model Number	Lumens	Watts	Efficacy
CA Lens	4-Sides Illuminated 360P-2-URDL-835-XXX-CA	8,996	51	176
	3-Sides Illuminated 360P-2-XXX-835-XXX-CA	9,304	52	179
	2-Sides Illuminated 360P-2-XX-835-XXX-CA	9,111	53	172
	1-Sides Illuminated 360P-2-X-835-XXX-CA	8,735	54	162
CP Lens	4-Sides Illuminated 360P-2-URDL-835-XXX-CP	8,377	51	164
	3-Sides Illuminated 360P-2-XXX-835-XXX-CP	8,664	52	167
	2-Sides Illuminated 360P-2-XX-835-XXX-CP	8,484	53	160
	1-Sides Illuminated 360P-2-X-835-XXX-CP	8,134	54	151
WA Lens	4-Sides Illuminated 360P-2-URDL-835-XXX-WA	8,048	51	158
	3-Sides Illuminated 360P-2-XXX-835-XXX-WA	8,323	52	160
	2-Sides Illuminated 360P-2-XX-835-XXX-WA	8,150	53	154
	1-Sides Illuminated 360P-2-X-835-XXX-WA	7,814	54	145
WP Lens	4-Sides Illuminated 360P-2-URDL-835-XXX-WP	6,482	51	127
	3-Sides Illuminated 360P-2-XXX-835-XXX-WP	6,704	52	129
	2-Sides Illuminated 360P-2-XX-835-XXX-WP	6,565	53	124
	1-Sides Illuminated 360P-2-X-835-XXX-WP	6,294	54	117

4' Length
Performance based on 3500K CCT

	Description/ Model Number	Lumens	Watts	Efficacy
CA Lens	4-Sides Illuminated 360P-4-URDL-835-XXX-CA	17,993	103	175
	3-Sides Illuminated 360P-4-XXX-835-XXX-CA	18,609	104	179
	2-Sides Illuminated 360P-4-XX-835-XXX-CA	18,222	105	174
	1-Sides Illuminated 360P-4-X-835-XXX-CA	17,471	108	162
CP Lens	4-Sides Illuminated 360P-4-URDL-835-XXX-CP	16,754	103	163
	3-Sides Illuminated 360P-4-XXX-835-XXX-CP	17,328	104	167
	2-Sides Illuminated 360P-4-XX-835-XXX-CP	16,967	105	162
	1-Sides Illuminated 360P-4-X-835-XXX-CP	16,268	108	151
WA Lens	4-Sides Illuminated 360P-4-URDL-835-XXX-WA	16,095	103	156
	3-Sides Illuminated 360P-4-XXX-835-XXX-WA	16,646	104	160
	2-Sides Illuminated 360P-4-XX-835-XXX-WA	16,300	105	155
	1-Sides Illuminated 360P-4-X-835-XXX-WA	15,628	108	145
WP Lens	4-Sides Illuminated 360P-4-URDL-835-XXX-WP	12,965	103	126
	3-Sides Illuminated 360P-4-XXX-835-XXX-WP	13,409	104	129
	2-Sides Illuminated 360P-4-XX-835-XXX-WP	13,130	105	125
	1-Sides Illuminated 360P-4-X-835-XXX-WP	12,589	108	117

8' Length
Performance based on 3500K CCT

	Description/ Model Number	Lumens	Watts	Efficacy
CA Lens	4-Sides Illuminated 360P-8-URDL-835-XXX-CA	35,986	207	174
	3-Sides Illuminated 360P-8-XXX-835-XXX-CA	37,218	208	179
	2-Sides Illuminated 360P-8-XX-835-XXX-CA	36,444	211	173
	1-Sides Illuminated 360P-8-X-835-XXX-CA	34,942	216	162
CP Lens	4-Sides Illuminated 360P-8-URDL-835-XXX-CP	33,508	207	162
	3-Sides Illuminated 360P-8-XXX-835-XXX-CP	34,655	208	167
	2-Sides Illuminated 360P-8-XX-835-XXX-CP	33,935	211	161
	1-Sides Illuminated 360P-8-X-835-XXX-CP	32,536	216	151
WA Lens	4-Sides Illuminated 360P-8-URDL-835-XXX-WA	32,190	207	156
	3-Sides Illuminated 360P-8-XXX-835-XXX-WA	33,292	208	160
	2-Sides Illuminated 360P-8-XX-835-XXX-WA	32,600	211	155
	1-Sides Illuminated 360P-8-X-835-XXX-WA	31,256	216	145
WP Lens	4-Sides Illuminated 360P-8-URDL-835-XXX-WP	25,930	207	125
	3-Sides Illuminated 360P-8-XXX-835-XXX-WP	26,817	208	129
	2-Sides Illuminated 360P-8-XX-835-XXX-WP	26,260	211	124
	1-Sides Illuminated 360P-8-X-835-XXX-WP	25,177	216	117

Lumen Multipliers

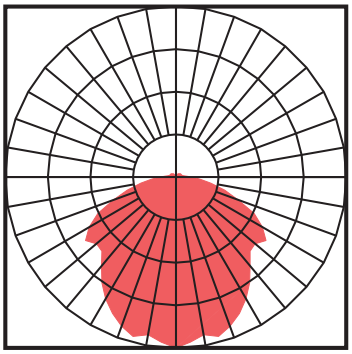
CCT	
Standard = 3500K CCT	
6500K	105.3%
5700K	105.3%
5000K	105.3%
4000K	105.3%
3500K (nominal)	100.0%
3000K	100.0%
2700K	94.7%

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%

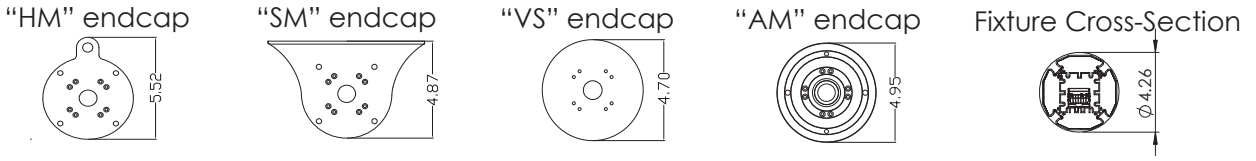
Optical Distribution

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

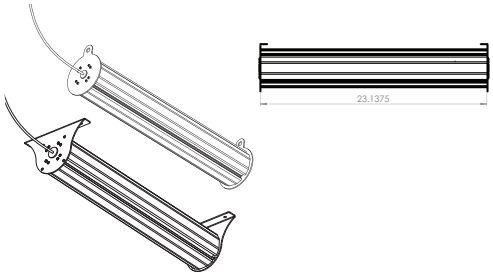


Single Side

Fixture Dimensions



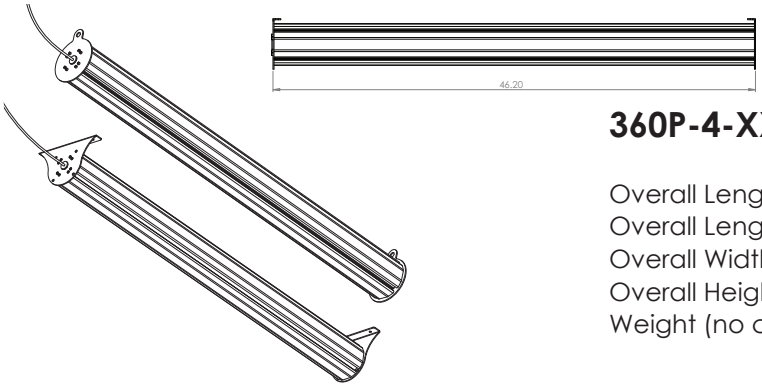
2' Fixture Dimensions



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

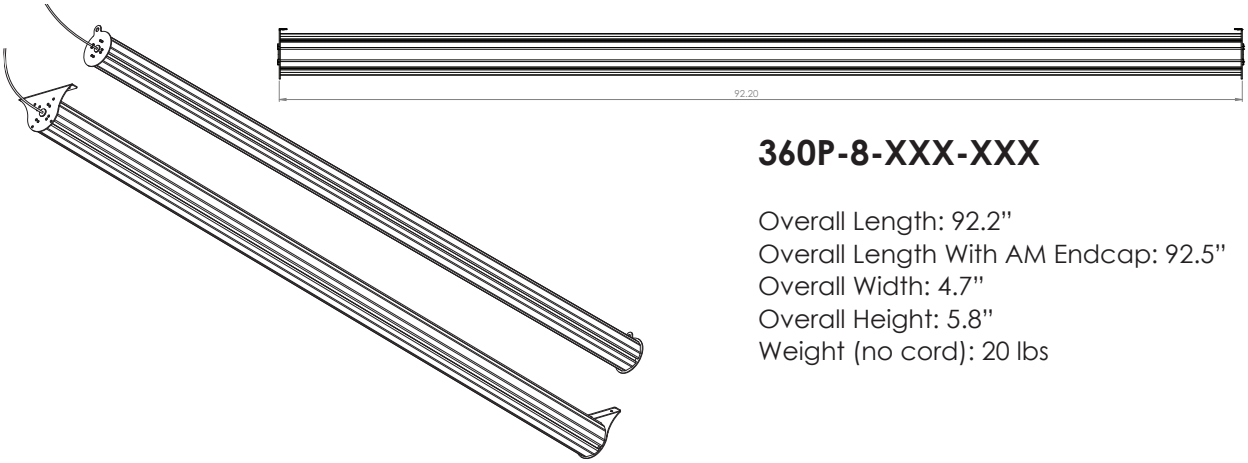
4' Fixture Dimensions



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



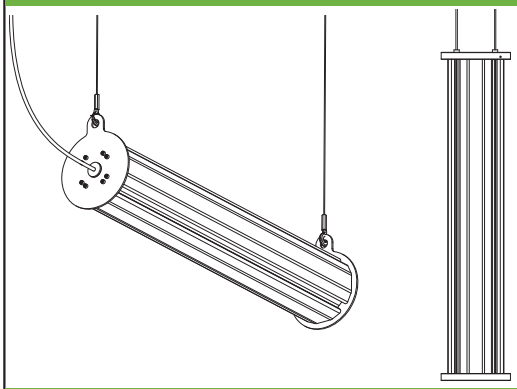
360P-8-XXX-XXX

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, 2P10VS - Aircraft cable **10'** in length with snap hook (1 pair of cables)

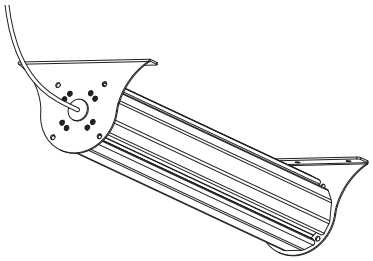
2P20, 2P20S, 2P20V, 2P20VS - Aircraft cable **20'** in length with snap hook (1 pair of cables)

2P30, 2P30S, 2P30V, 2P30VS - 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

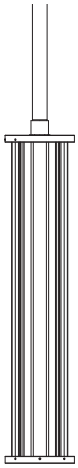
Ceiling/Wall Mounting



Part Number:

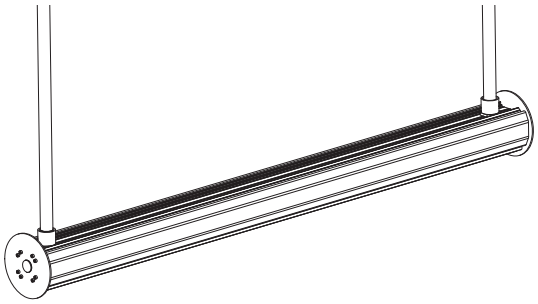
SM - Ceiling/Wall mount. Fixture may be anchored flush to any suitable substrate using mounting holes provided in fixture's endcap.
Mounting hardware supplied by others.

Rigid Stem Mount

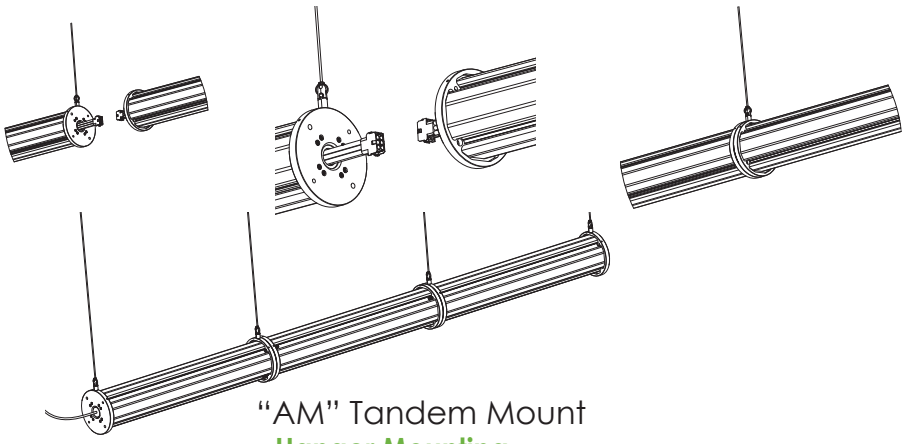


Part Number:

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,....

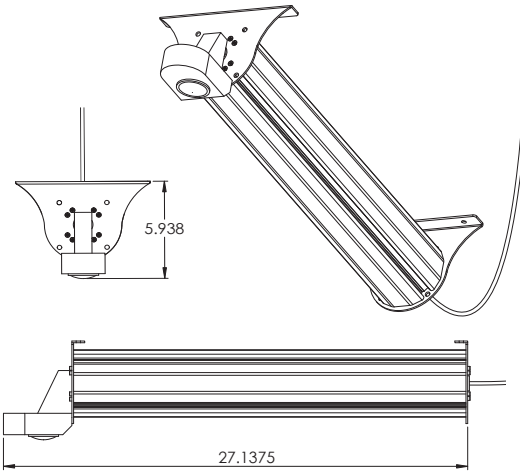
OCKH - (For 347/480V installations) Occupancy sensor. Options include: ON/OFF, HI/LOW/OFF,....

DOK - (For 120-277V installations) Occupancy and Daylight sensor. Options include: ON/OFF, HI/LOW/OFF,....

DOKH - (For 347/480V installations) Occupancyand Daylight sensor. Options include: ON/OFF, HI/LOW/OFF,....

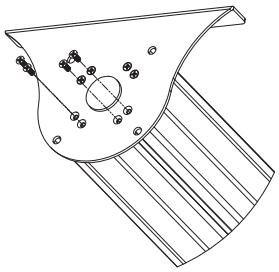
Notes:

- 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

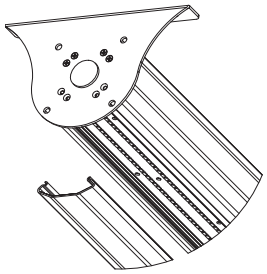


Electronic Channel Access

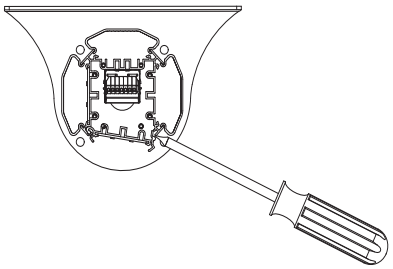
1 Remove (4) screws holding lid in place. Lid screws are located on opposite side of mounting point.



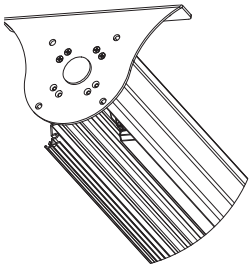
2 Remove lens from "lid" side of 360 extrusion.



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

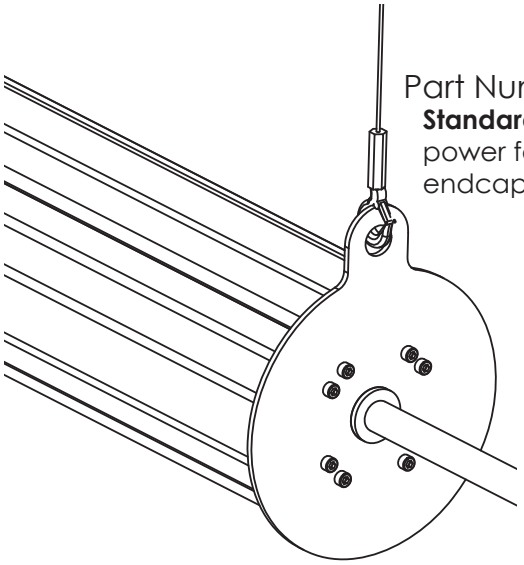


4 Once maintenance is complete, secure lid by snapping shut, replacing (4) screws, and replacing lens.

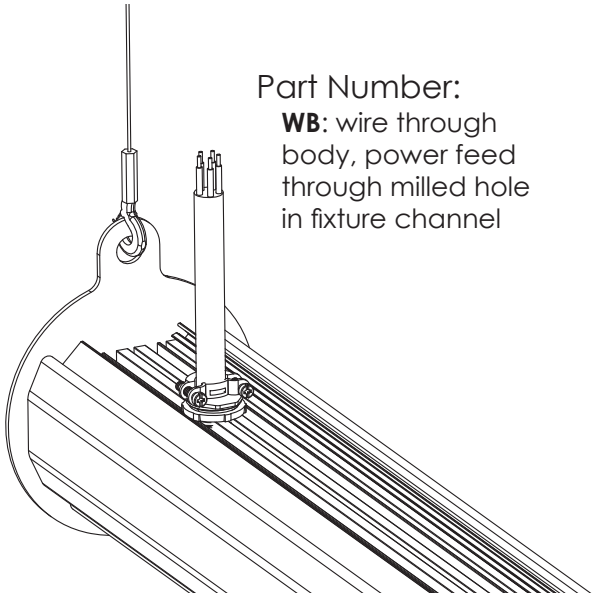
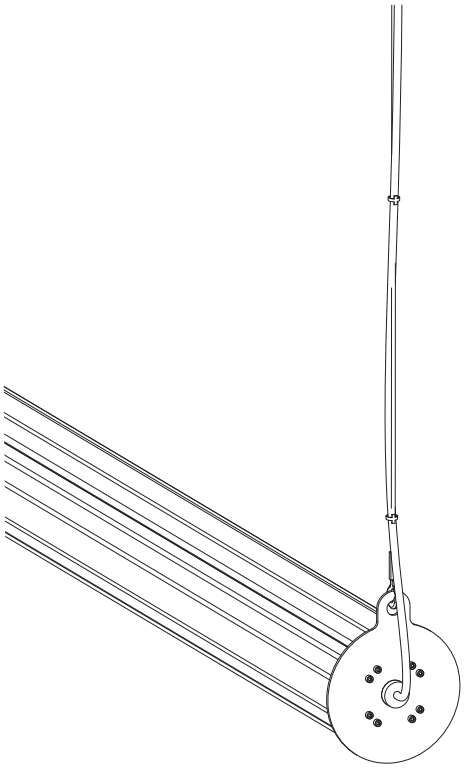
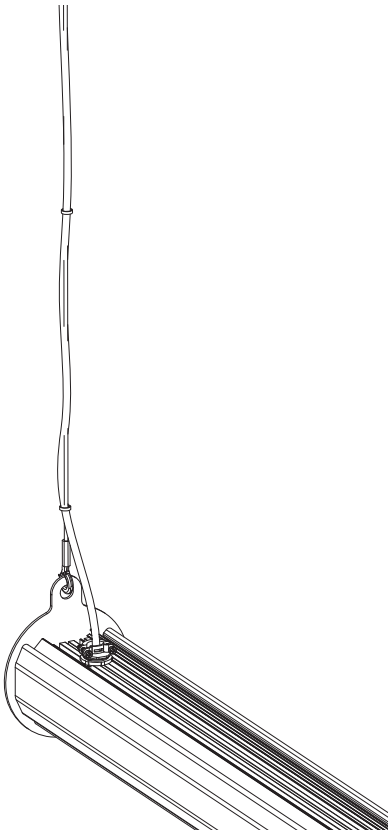


Power Feed Location

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