

SQ

CURVED WRAP

FEATURES

- 2ft, 4ft and 8ft configurations
- Sleek curved profile frosted acrylic impact resistant lens
- .040" aluminum pre-painted white housing
- Ceiling, wall or suspension mounting options
- Multiple dimming & sensor options to fully control occupied & unoccupied light levels
- Suitable for installing in continuous runs
- ASLFMB Adjustable Sliding Fixture Mounting Box option will provide an pendant-ready solution perfect for retrofits when pendant locations are unknown or inconsistent
- 3000K - 5000K CCT
- 0-10V Dimmable Driver (100% - 10%)
- 120-277V Universal Voltage
- Calculated L70>100,000 hrs @ 25°C per TM-21-11
- 5 Year Warranty (std); 10 Year Warranty Optional
- DesignLights Consortium Qualified Luminaire
- ETL Listed for Damp Location



407-478-3759
www.ilp-inc.com



SUITABLE APPLICATIONS

- Office
- Hospitals
- Education
- Hallways
- Work Station Task Lighting
- Multipurpose

ORDERING GUIDE:

SERIES		WATTS	DRIVER	CCT	WARRANTY	
☐ SQ2	2ft Curved Wrap	☐ 2L ☐ 3L	☐ U 120-277V	☐ 50 ☐ 40 ☐ 35 ☐ 30	☐ BLANK ☐ 10YR ¹	5 Year 10 Year
☐ SQ4	4ft Curved Wrap	☐ 2L ☐ 4L ☐ 6L				
☐ SQ8	8ft Curved Wrap	☐ 4L ☐ 8L ☐ 12L				

OPTIONS		CONTROLS OPTIONS	
Factory Installed		Basic	
☐ Cx/3W	Cord (x = ft)	☐ FIOS ⁴	On/Off Occupancy Sensor
☐ SR	Sensor Ready Driver	☐ USB ⁴	Allows the end user to manually select the unoccupied dimming level and adjust the high-end trim if desired.
☐ DR	DALI-Ready Driver	☐ BDxx ⁴	Preset Bi-Level Dim Sensor (xx=%eg.20,30)
☐ BLD	Bi-level Dimming Driver (2 hot leads)		
☐ DIM1	1% Dimming Driver		
☐ EM5	5W LED Factory Installed Battery Backup		
☐ EM5/HE ²	5W LED Factory Installed Battery Backup		
☐ EM7	7W LED Factory Installed Battery Backup		
☐ EM7/HE ²	7W LED Factory Installed Battery Backup		
☐ EM10	10W LED Factory Installed Battery Backup		
☐ EM10/HE ²	10W LED Factory Installed Battery Backup		
☐ EM10/HE/SD ²	10W Factory Installed Self Diagnostic Battery Backup		
☐ EM12	12W LED Factory Installed Battery Backup		
☐ ASLFMB ^{7,8,10}	Adjustable Sliding Fixture Mounting Box system (with alignment bracket)	☐ ESMC ^{4,5}	EasySense Grouping Sensor
☐ RW/3W ³	3 wire raceway wiring harness for continuous wiring through fixtures (non-dim function)	☐ 5E/CU/CL ⁴	Enlighted 5E Connected Lighting (CL) Sensor with Control Unit
☐ RW/5W ³	5 wire raceway wiring harness for continuous wiring through fixtures	☐ 5E/CU/IOT ⁴	Enlighted 5E Internet of Things (IOT) Sensor with Control Unit
☐ SD480 ¹¹	480V Step Down Transformer	☐ 5E/5W/CL ⁴	Enlighted 5E Connected Lighting (CL) Sensor w/ Aux Driver / 5 Wire Connection
☐ SD347 ¹¹	347V Step Down Transformer	☐ 5E/5W/IOT ⁴	Enlighted 5E Internet of Things (IOT) Sensor w/ Aux Driver / 5 Wire Connection
Ship With Accessories		☐ VDO ^{4,6}	Lutron Vive DFCSJ-OEM-OCC (Daylight & Occupancy)
☐ WC ¹²	11 GA Wire Cage	☐ VRF ^{4,6}	Lutron Vive DFCSJ-OEM-RF (RF Only)
☐ FMB ^{7,8}	Fixture Mounting Box	☐ AWNR	Lutron Athena Wireless Node RF only
☐ HUB 3/4 ^{7,9}	Conduit Hub ¾" for pendant mount	☐ AWNS	Lutron Athena Wireless Node with Sensor
☐ AC10Y	Y-Toggle Cable System (X=in)		
☐ ALBR	Alignment Bracket (used to align fixtures mounted in continuous rows)		
☐ ESMC/WWS/DR	EasySense Dual Rocker Wireless Wall Switch		

¹ Contact factory for more details

² CEC Title 20 Compliant

³ Used only when mounting in continuous rows

⁴ Integral to fixture

⁵ Easily Controlled via Mobile Phone with Bluetooth App

⁶ Must be used with SR Driver

⁷ One needed per 4ft section

⁸ Must use with HUB 3/4

⁹ Must use with FMB

¹⁰ Not available with 2ft models

¹¹ Not listed on DLC

¹² Does not qualify for DLC

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LED SYSTEMS INFO ¹	3000K CCT		3500K CCT		4000K CCT		5000K CCT		Watts ²	CRI	Ambient Temperature Range
Part #	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy			
SQ2-2L-U-XX	2,043 lm	126 lm/W	2,063 lm	128 lm/W	2,084 lm	129 lm/W	2,125 lm	131 lm/W	16 W	>80	-4°F to 122°F
SQ2-3L-U-XX	2,651 lm	119 lm/W	2,677 lm	120 lm/W	2,704 lm	121 lm/W	2,757 lm	124 lm/W	22 W	>80	-4°F to 122°F
SQ4-2L-U-XX	2,202 lm	144 lm/W	2,247 lm	146 lm/W	2,278 lm	148 lm/W	2,340 lm	152 lm/W	15 W	>80	-4°F to 113°F
SQ4-4L-U-XX	4,060 lm	138 lm/W	4,117 lm	142 lm/W	4,174 lm	144 lm/W	4,288 lm	148 lm/W	29 W	>80	-4°F to 113°F
SQ4-6L-U-XX	5,501 lm	128 lm/W	5,582 lm	130 lm/W	5,659 lm	131 lm/W	5,866 lm	135 lm/W	43 W	>80	-4°F to 113°F
SQ8-4L-U-XX	4,574 lm	144 lm/W	4,620 lm	145 lm/W	4,665 lm	146 lm/W	4,757 lm	149 lm/W	32 W	>80	-4°F to 113°F
SQ8-8L-U-XX	7,715 lm	133 lm/W	7,792 lm	134 lm/W	7,869 lm	135 lm/W	8,023 lm	138 lm/W	58 W	>80	-4°F to 113°F
SQ8-12L-U-XX	10,500 lm	121 lm/W	10,605 lm	123 lm/W	10,710 lm	124 lm/W	10,920 lm	126 lm/W	87 W	>80	-4°F to 113°F

¹LED Chips are frequently updated therefore values are nominal

²Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

CONTROLS OPTIONS

BASIC

FIOS

Standard on/off motion sensor. Comes with 360 degree high bay lens, 360 degree low bay lens & aisle lens. 360 degree high bay lens factory installed, unless notified otherwise. Sensor integral to fixture.

USBD

User Selectable Bi-Level Dimming. Allows the end user to manually select the unoccupied dimming level. Once motion is detected, the fixture will return to 100% light output. Sensor integral to fixture.

BDxx

Factory set Bi-Level Dimming. Sensor is set to dim level, as indicated in the "xx" portion of the part number, when the area is unoccupied. Example: BD20 sets the fixture to dim down to 20% lumen output when the area is unoccupied. Once motion is detected, the fixture will return to 100% light output. Sensor integral to fixture.

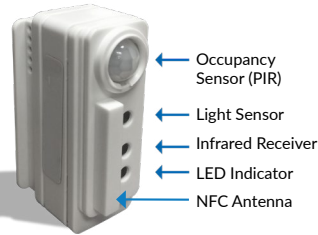
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ADVANCED

EASYSENSE

ESMC

EasySense sensor combines occupancy sensing, daylight harvesting and institutional tuning in one compact solution. This is an ideal control for any Commercial application. Each device allows you to turn on/off occupancy and/or daylight harvesting functions as well as set the full light output, background light level, occupancy prolong time, occupancy grace fading time & occupancy time out/hold time. It can be easily controlled via the Philips MasterConnect Bluetooth App on a mobile phone.



ESMC/WWS/DR

Optional Wireless / Batteryless Dual Rocker Wall Switch. Up to 100ft range. Functions include: On/Off, dimming and setting of (2) scenes for full room control.

Specifications:

- Wireless
- ZigBee®
- Batteryless
- 30-100ft Range
- Dual Rocker

Functions:

1. On (Hold to brighten up)
2. Off (Hold to dim down)
3. Scene 1
4. Scene 2



LUTRON

VDO

Vive DFCSJ-OEM-OCC integral fixture control sensor with daylight & occupancy. Vive provides intuitive programming allowing for maximum flexibility with wireless communication & sensing as desired. Provided with factory installed components only. Lutron system provided by others. Sensor must be used in conjunction with Pico Switch/Dimmer. Cannot be used in conjunction with mechanical on/off power switch. Contact factory for more information.



VRF

Vive DFCSJ-OEM-RF integral fixture control with Radio Frequency (RF) communication. Vive provides intuitive programming allowing for maximum flexibility with wireless communication as desired. Provided with factory installed components only. Lutron system provided by others. Sensor must be used in conjunction with Pico Switch/Dimmer. Cannot be used in conjunction with mechanical on/off power switch. Contact factory for more information.



AWNR

Athena wireless node is a radio frequency (RF) device that enables simple, digital control of individual light fixtures in an Athena control system. Enables individual wireless control of each fixture in an Athena control system. Accommodates zone and control changes without rewiring. All drivers on the link are controlled as a single zone. Provided with factory installed components only. Lutron Athena system provided by others.



AWNS

Athena wireless node with a sensor that enables simple, digital control of individual light fixtures in an Athena control system. Provides wireless control of the fixture and includes a passive infrared (PIR) sensor for occupancy and a daylight sensor. Enables individual wireless control of each fixture in an Athena control system. Accommodates zone and control changes without rewiring. All drivers on the link are controlled as a single zone. Provided with factory installed components only. Lutron Athena system provided by others.



ENLIGHTED

5E/CU/CL

Bundled System with Enlighted 5E sensor (SU-5E-CL), Control Unit (CU-4E-FM) and Cable (CBL-5E-CU4-30N). Fixtures are controlled based on occupancy and ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by the Enlighted Smart Sensors for energy, occupancy and environment. Provided with factory installed components only. Enlighted system provided by others. Contact factory for more information. (see image above)

5E/CU/IOT

Bundled System with Enlighted 5E sensor (SU-5E-IOT), Control Unit (CU-4E-FM) and Cable (CBL-5E-CU4-30N). Fixtures are controlled based on occupancy and ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. Energy Manager provides data analysis for all data collected by Enlighted Smart Sensors for energy, occupancy & environment. Additionally, the IOT functionality takes the data access and function beyond just lighting to a wide range of applications beyond the standard connected lighting controls. Provided with factory installed components only. Enlighted system provided by others. Contact factory for more information. (see image above)

5E/5W/CL

Bundled System with Enlighted 5E sensor (SU-5E-CL) & Cable (CBL-5E-CU4-30N) paired with a driver with auxiliary power & 5 wire connection. Fixtures are controlled based on occupancy and ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by the Enlighted Smart Sensors for energy, occupancy and environment. Provided with factory installed components only. Enlighted system provided by others. Contact factory for more information. (see image above)

5E/5W/IOT

Bundled System with Enlighted 5E sensor (SU-5E-IOT) & Cable (CBL-5E-CU4-30N) paired w/ a driver w/ auxiliary power and 5 wire connection. Fixtures are controlled based on occupancy & ambient light. Includes individual lighting control plus connection to Enlighted Energy Manager. The Energy Manager provides data analysis for all data collected by Enlighted Smart Sensors for energy, occupancy & environment. Additionally, the IOT functionality takes the data access and function beyond just lighting to a wide range of applications beyond the standard connected lighting controls. Provided with factory installed components only. Enlighted system provided by others. Contact factory for more information. (see image above)

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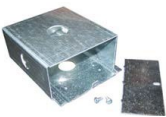
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OPTIONS



CORDx

Cords available in 6ft, 10ft, 12ft & 20ft (Inquire for additional options) Plug options available



FMB

Includes rigid box to attach to the fixture, provides for dual point mounting to accept a pendant, hook or conduit hub (sold separately)



HUB 3/4

Conduit Hub 3/4" for Pendant Mounting



HB-XX-18Y-PAD

Includes 2 adjustable cable hangers. Available in 60", 120", 180" & 240"

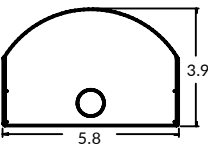
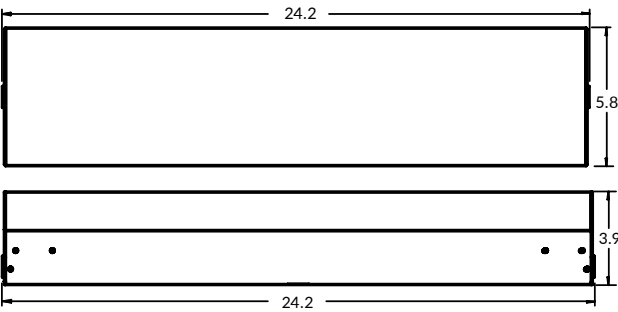


ASLFMB

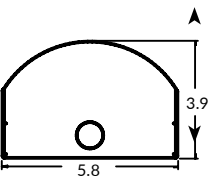
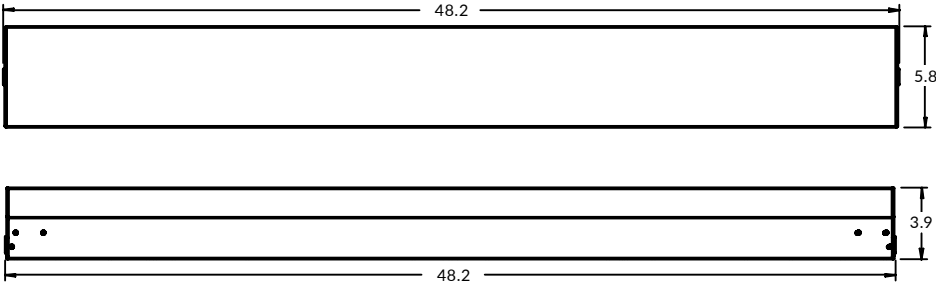
Adjustable Sliding Fixture Mounting Box system (with alignment bracket)

LINE DRAWINGS

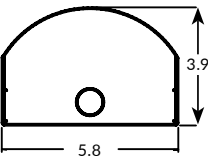
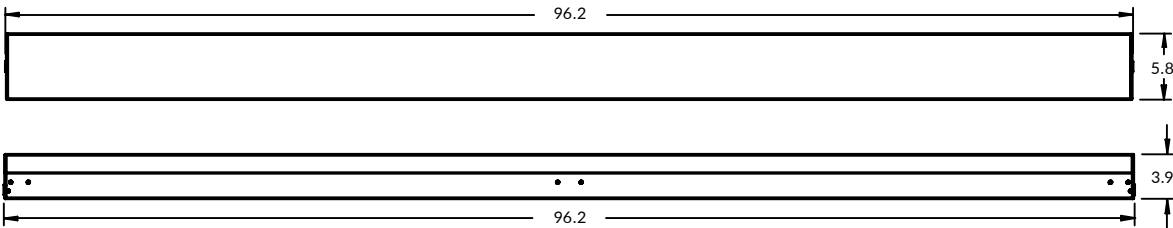
2ft Dimensions



4ft Dimensions



8ft Dimensions



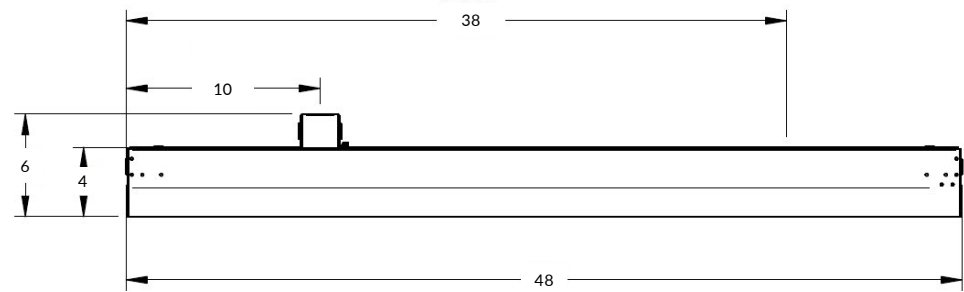
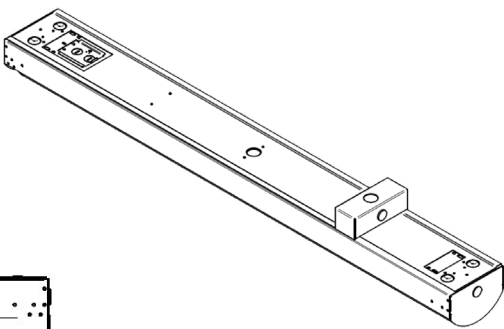
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LINE DRAWINGS

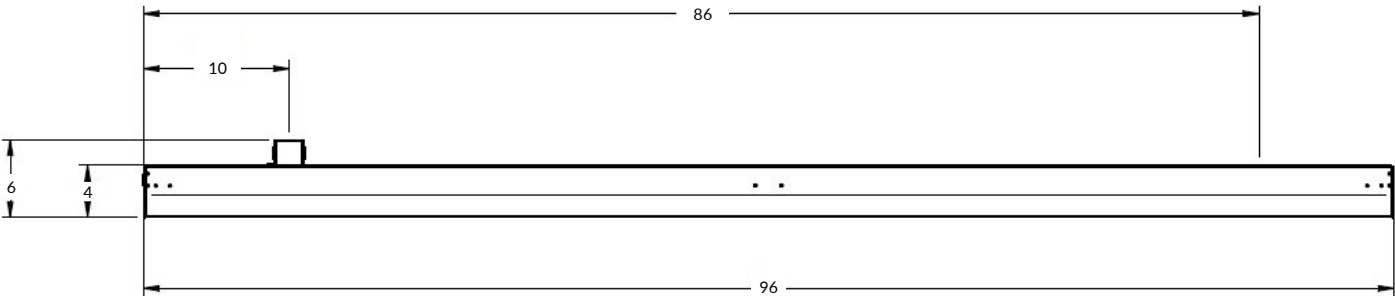
ASLFMB OPION DETAILS

4ft Model



*Dimensions shown above are applicable when the fixtures are the middle units of a continuously mounted set of fixtures.
Please see intallation instructions for limitations on end mounted fixtures.

8ft Model



*Dimensions shown above are applicable when the fixtures are the middle units of a continuously mounted set of fixtures.
Please see intallation instructions for limitations on end mounted fixtures.

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PHOTOMETRIC DATA

LUMINAIRE DATA	
Part Number	SQ4-4L-U-40
Description	4ft Curved Wrap, 4,000 Lumens, 4000K, Frosted Lens
Fixture Lumens (lm)	4178 lm
Wattage (W)	29W
Efficacy (lm/W)	144 lm/W
Mounting	Pendant
Spacing Criteria	0° = 1.19, 90°= 1.32

ZONAL LUMEN SUMMARY		
Zone	Lumens (lm)	% Fixture
0° - 40°	1587	38%
0° - 60°	2829	68%
0° - 90°	3956	95%
90° - 180°	222	5%
0° - 180°	4178	100%

