

Project Name:	Part Number:	Type:
---------------	--------------	-------

# 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 a 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		LUMENS	DRIVER	CCT	WARRANTY	
SQ2	2ft Curved Wrap	2L	U 120-277V	50	BLANK	5 Year
		3L		40	10YR <sup>1</sup>	10 Year
				35		
SQ4	4ft Curved Wrap	2L		30		
		4L				
		6L				
SQ8	8ft Curved Wrap	4L				
		8L				
		12L				

OPTIONS		CONTROLS OPTIONS	
Factory Installed		Basic	
Cx/yW	Cord (x=Length;6,10,15) (y=# of conductors; 3,4,5,6)	FIOS <sup>4</sup>	On/Off Occupancy Sensor
SR	Sensor Ready Driver	USBD <sup>4</sup>	Allows the end user to manually select the unoccupied dimming level and adjust the high-end trim if desired.
DR	DALI-Ready Driver	BDxx <sup>4</sup>	Preset Bi-Level Dim Sensor (xx=%eg.20,30)
BLD	Bi-level Dimming Driver (2 hot leads)		
DIM1	1% Dimming Driver		
EM5	5W LED Battery Backup		
EM5/HE <sup>2</sup>	5W LED Battery Backup		
EM7	7W LED Battery Backup		
EM7/HE <sup>2</sup>	7W LED Battery Backup		
EM10	10W LED Battery Backup		
EM10/HE <sup>2</sup>	10W LED Battery Backup		
EM10/HE/SD <sup>2</sup>	10W Self Diagnostic Battery Backup		
EM12	12W LED Battery Backup		
ASLFMB <sup>7,8,10</sup>	Adjustable Sliding Fixture Mounting Box system (with alignment bracket)		
RW/3W <sup>3</sup>	3 wire raceway wiring harness for continuous wiring through fixtures (non-dim function)		
RW/5W <sup>3</sup>	5 wire raceway wiring harness for continuous wiring through fixtures		
SD480 <sup>11,13</sup>	480V Step Down Transformer		
SD347 <sup>11,13</sup>	347V Step Down Transformer		
Ship With Accessories		Advanced	
+SQx WC KIT <sup>12</sup>	Wire Cage (x=2, 4, or 8)	ESMC <sup>4,5</sup>	EasySense Grouping Sensor
FMB/HUB 3/4 <sup>7,8,9</sup>	Fixture Mounting Box with Conduit Hub 3/4" for Pendant Mount	VDO <sup>4,6</sup>	Lutron Vive DFCSJ-OEM-OCC (Daylight & Occupancy)
ACxY	Y-Toggle Aircraft Cable System (x=ft)	VRF <sup>4,6</sup>	Lutron Vive DFCSJ-OEM-RF (RF Only)
+SQ-ALBR	Alignment Bracket (used to align fixtures mounted in continuous rows)	AWN <sup>9</sup>	Lutron Athena Wireless Node RF only
ESMC/WWS/DR	EasySense Dual Rocker Wireless Wall Switch	AWNS	Lutron Athena Wireless Node with Sensor

<sup>1</sup> Contact factory for more details

<sup>2</sup> CEC Title 20 Compliant

<sup>3</sup> Used only when mounting in continuous rows

<sup>4</sup> Integral to fixture

<sup>5</sup> Easily Controlled via Mobile Phone with Bluetooth App

<sup>6</sup> Must be used with SR Driver

<sup>7</sup> One needed per 4ft section

<sup>8</sup> Must use with HUB 3/4

<sup>9</sup> Must use with FMB

<sup>10</sup> Not available with 2ft models

<sup>11</sup> Not listed on DLC

<sup>12</sup> Does not qualify for DLC

<sup>13</sup> Not compatible with EM

# SQ

## CURVED WRAP

LED SYSTEMS INFO <sup>1</sup>	3000K CCT		3500K CCT		4000K CCT		5000K CCT		Watts <sup>2</sup>	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

<sup>1</sup>LED Chips are frequently updated therefore values are nominal

<sup>2</sup>Electrical 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.

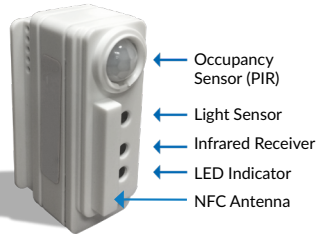
## CURVED WRAP

### 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.



##### AWNDR

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.



##### AWNRS

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.



# SQ

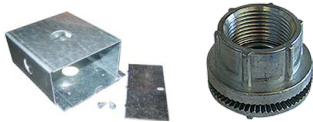
## CURVED WRAP

### OPTIONS



Cx/yW

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



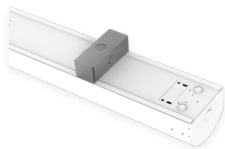
FMB/HUB 3/4

Includes rigid box to attach to the fixture, provides for dual point mounting to accept a pendant, hook and conduit hub 3/4" for Pendant Mounting



ACxY

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

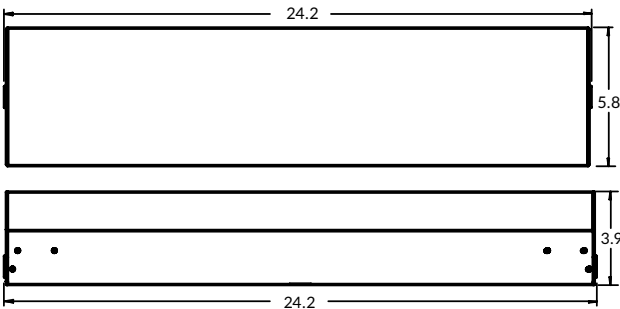
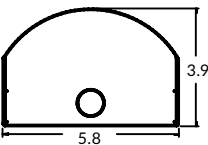


ASLFMB

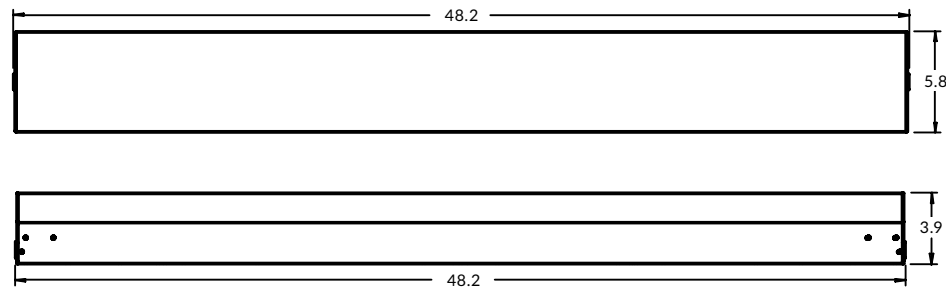
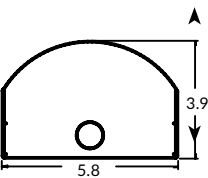
Adjustable Sliding Fixture Mounting Box system (with alignment bracket)

### LINE DRAWINGS

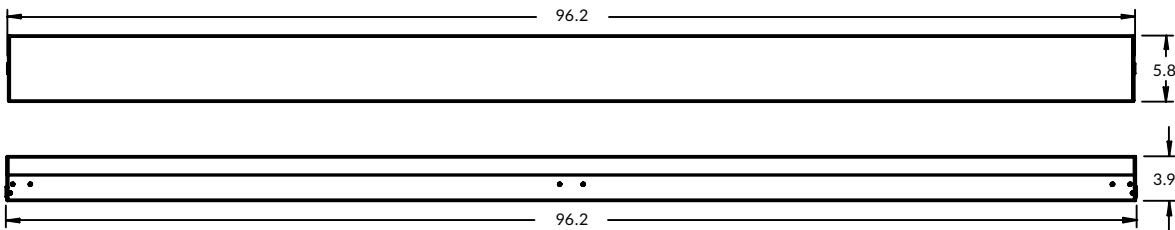
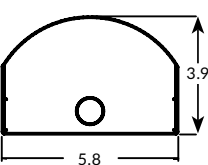
#### 2ft Dimensions



#### 4ft Dimensions



#### 8ft Dimensions



# SQ

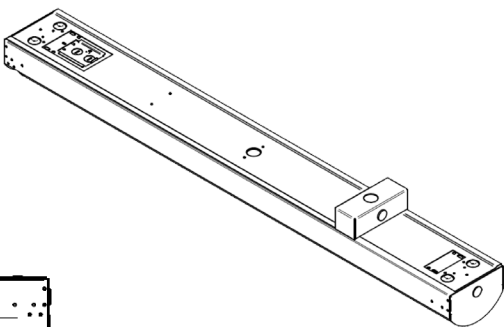
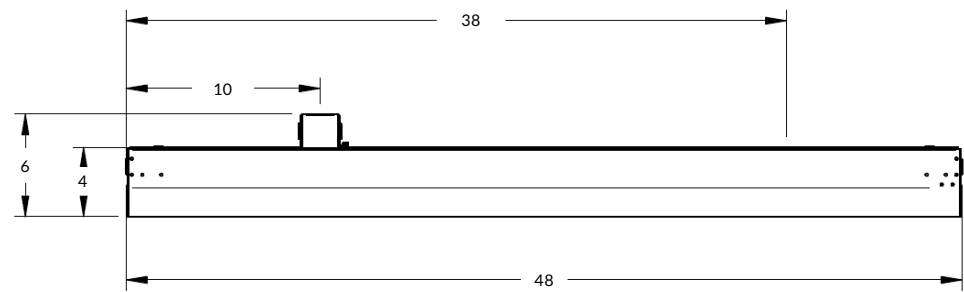
---

## CURVED WRAP

### LINE DRAWINGS

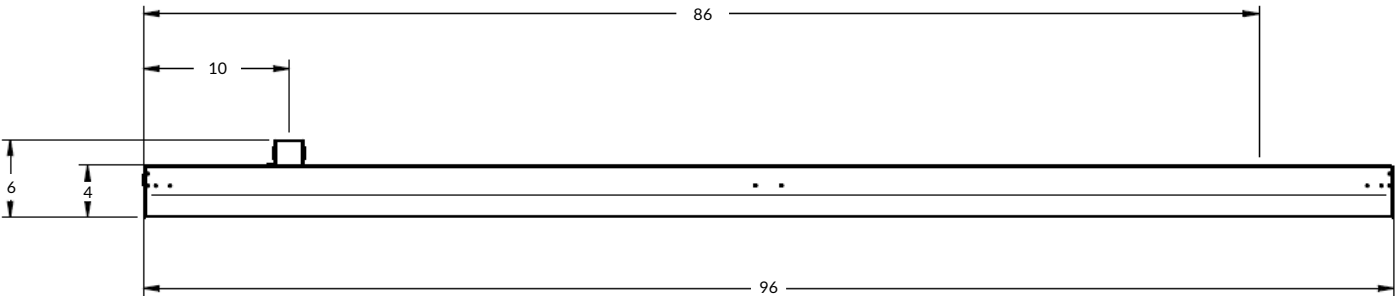
#### ASLFMB OPION DETAILS

##### 4ft Model



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

CURVED WRAP

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%

