Project Name:	Part Number:	Type:

SQ
CURVED WRAP

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

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
- 3000K – 5000K CCT
- 0-10V Dimmable Driver (100% - 5%)
- 120-277V Universal Voltage
- 5 Year Warranty (std); 10 Year Warranty Optional
- ETL Listed for Damp Location
- DesignLights Consortium® Qualified Luminaire

SUITABLE APPLICATIONS

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

ORDERING GUIDE:

	SERIES	WATTS	DRIVER	CCT	WARRANTY	
SQ2	2ft Curved Wrap	16WLED	UNIV 120-277V	50	BLANK	5 Year
		22WLED		40	10YR [1]	10 Year
				35		
SQ4	4ft Curved Wrap	16WLED		30		
		30WLED				
		44WLED				
SQ8	8ft Curved Wrap	32WLED				
		60WLED				
		88WLED				

OPTIONS		CONTROLS OPTIONS	
Factory Installed		**Basic**	
CORDx	Cord (x = ft)	FIOS [5]	On/Off Occupancy Sensor
SR	Sensor Ready Driver	USBD [6]	User Bi-Level Dim Sensor w/ Occ. Sensor
DR	DALI-Ready Driver	BDxx [6]	Preset Bi-Level Dim Sensor (xx=%eg.20,30)
BLD	Bi-level Dimming Driver (2 hot leads)		
FI/ILBCP05	5W LED Factory Installed Battery Backup	**Advanced**	
FI/ILBCP05/HE [2]	5W LED Factory Installed Battery Backup	ES [6,7]	EasySense Grouping Sensor
FI/ILBCP07	7W LED Factory Installed Battery Backup	5E/CU/IL [6]	Enlighted 5E Individual Lighting (IL) Sensor with Control Unit
FI/ILBCP07/HE [2]	7W LED Factory Installed Battery Backup	5E/CU/CL [6]	Enlighted 5E Connected Lighting (CL) Sensor with Control Unit
FI/ILBCP10	10W LED Factory Installed Battery Backup	5E/CU/IOT [6]	Enlighted 5E Internet of Things (IOT) Sensor with Control Unit
FI/ILBCP10/HE [2]	10W LED Factory Installed Battery Backup	5E/5W/IL [6]	Enlighted 5E Individual Lighting (IL) Sensor w/ Aux Driver / 5 Wire Connection
FI/ILBCP12	12W LED Factory Installed Battery Backup	5E/5W/CL [6]	Enlighted 5E Connected Lighting (CL) Sensor w/ Aux Driver / 5 Wire Connection
RACEWAY/3WIRE [4]	3 wire raceway wiring harness for continuous wiring through fixtures (non-dim function)	5E/5W/IOT [6]	Enlighted 5E Internet of Things (IOT) Sensor w/ Aux Driver / 5 Wire Connection
RACEWAY/5WIRE [4]	5 wire raceway wiring harness for continuous wiring through fixtures	VDO [6,9]	Lutron Vive DFCSJ-OEM-OCC (Daylight & Occupancy)
SD480 [3]	480V Step Down Transformer	VRF [6,9]	Lutron Vive DFCSJ-OEM-RF (RF Only)
SD347 [3]	347V Step Down Transformer		
Ship With Accessories			
WC	11 GA Wire Cage		
FMB [10,11]	Fixture Mounting Box		
HUB 3/4 [10,12]	Conduit Hub ¾" for pendant mount		
HB-XX-18Y-PAD	Y-Toggle Cable System (xx = in)		
ALBR	Alignment Bracket (used to align fixtures mounted in continuous rows)		
ES/WWS/DR	EasySense Dual Rocker Wireless Wall Switch		
ES/PCD [8]	Pre-installed app on controlled device for commissioning		

[1] Contact factory for more details
[2] CEC Title 20 Compliant
[3] Does not qualify for DLC
[4] Used only when mounting in continuous rows
[5] End Mounted Sensor
[6] Integral to fixture
[7] Must be used with ES/PCS for commissioning
[8] One needed per project
[9] Must be used with SR Driver
[10] One needed per 4ft section
[11] Must use with HUB 3/4
[12] Must use with FMB

SQ

CURVED WRAP

LED SYSTEMS INFO[1]	3000K CCT		3500K CCT		4000K CCT		5000K CCT		Watts[2]	CRI	DLC
Part #	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy			
SQ2-16WLED-UNIV-XX	1,876 lm	111 lm/W	1,929 lm	114 lm/W	1,983 lm	117 lm/W	2,036 lm	120 lm/W	17 W	>80	Standard
SQ2-22WLED-UNIV-XX	2,523 lm	112 lm/W	2,559 lm	113 lm/W	2,595 lm	115 lm/W	2,615 lm	116 lm/W	23 W	>80	Standard
SQ4-16WLED-UNIV-XX	1,995 lm	122 lm/W	2,037 lm	124 lm/W	2,078 lm	127 lm/W	2,120 lm	129 lm/W	16 W	>80	Standard
SQ4-30WLED-UNIV-XX	3,546 lm	118 lm/W	3,620 lm	121 lm/W	3,694 lm	123 lm/W	3,768 lm	126 lm/W	30 W	>80	Standard
SQ4-44WLED-UNIV-XX	4,984 lm	111 lm/W	4,984 lm	113 lm/W	5,086 lm	116 lm/W	5,188 lm	118 lm/W	44 W	>80	Standard
SQ8-32WLED-UNIV-XX	3,857 lm	121 lm/W	3,938 lm	123 lm/W	4,018 lm	126 lm/W	4,099 lm	128 lm/W	32 W	>80	Standard
SQ8-60WLED-UNIV-XX	7,035 lm	117 lm/W	7,182 lm	120 lm/W	7,329 lm	122 lm/W	7,476 lm	125 lm/W	60 W	>80	Standard
SQ8-88WLED-UNIV-XX	9,826 lm	110 lm/W	10,031 lm	113 lm/W	10,236 lm	115 lm/W	10,442 lm	117 lm/W	89 W	>80	Standard

[1]LED Chips are frequently updated therefore values are nominal

[2] 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 mounted off end cap of fixture. Inquire for mounting on center of driver cover.

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 mounted off end cap of 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 mounted off end cap of fixture. Sensor mounted off end cap of fixture.

SQ

CURVED WRAP

ADVANCED

EASYSENSE

ES

EasySense sensor combines occupancy sensing, daylight harvesting & institutional tuning in one compact solution. This is an ideal control for any commercial application. Each sensor 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 and occupancy time out/hold time. Requires the use of EasySense Pre-Programmed Control Device (ES/PCD), or approved phone from compatibility list; one needed per project.

← Occupancy Sensor (PIR)
← Light Sensor
← Infrared Receiver
← LED Indicator
← NFC Antenna

ES/PCD

Pre-Programmed EasySense Control Device. One needed per project. Sensor can also be programmed with the approved compatible cell phone (listed below).

Compatible Cell Phones:

- LG G4
- Samsung S4 Mini
- Samsung S4
- Samsung S5
- Samsung S6
- Samsung Note 4
- Samsung Note Edge 1

ES/WWS/DR

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

Specifications:
- Wireless
- Batteryless
- Dual Rocker
- ZigBee®
- 30–100ft Range

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. Providing 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.

ENLIGHTED

5E/CU/IL

Bundled System with Enlighted 5E sensor (SU-5E-IL), Control Unit (CU-4E-FM) and Cable (CBL-5E-CU4-30N). Fixtures are controlled based on occupancy & ambient light. Includes ability to group fixtures together and connect to a switch to zone fixtures for group operation. Provided with factory installed components only. Enlighted system provided by others. Contact factory for more information.

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/IL

Bundled System with Enlighted 5E sensor (SU-5E-IL) & Cable (CBL-5E-CU4-30N) paired with a driver with auxiliary power and 5 wire connection. Fixtures are controlled based on occupancy and ambient light. Includes ability to group fixtures together and connect to a switch to zone fixtures for group operation. 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)

SQ

CURVED WRAP

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)
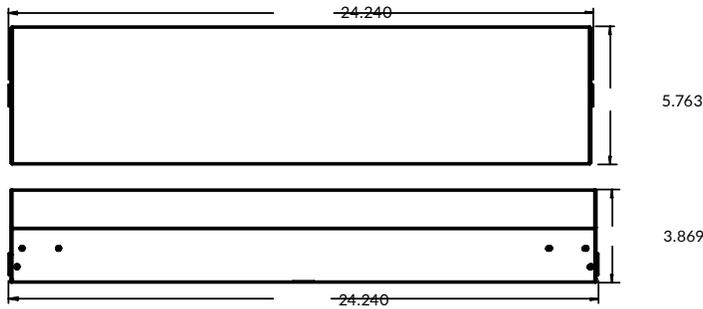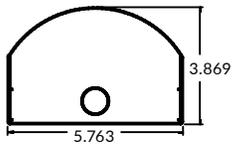
HUB 3/4
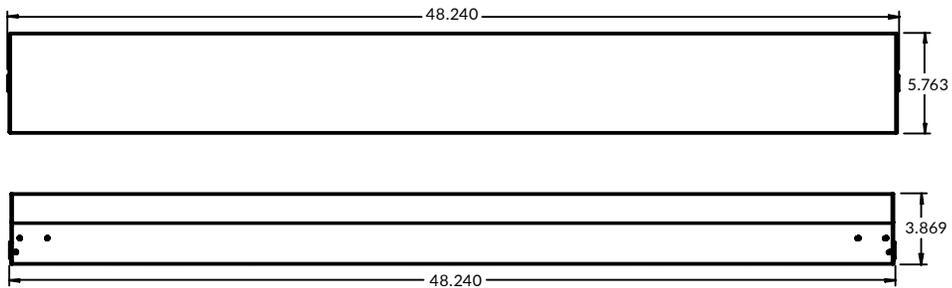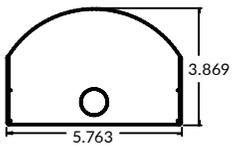
Conduit Hub ¾" for Pendant Mounting

HB-XX-18Y-PAD

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

LINE DRAWINGS

2ft Dimensions

3.869

5.763

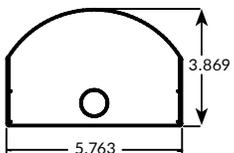24.240

5.763

3.869

24.240

4ft Dimensions

3.869

5.763

48.240

5.763

3.869

48.240

8ft Dimensions

3.869

5.763

96.240

5.763

3.869

96.240

SQ
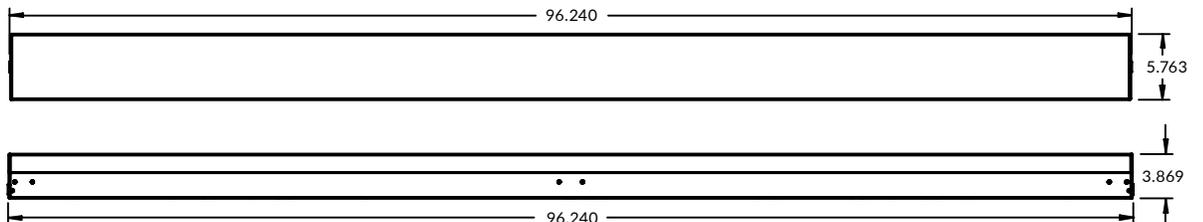
CURVED WRAP

PHOTOMETRIC DATA

LUMINAIRE DATA

Part Number	SQ4-30WLED-UNIV-40
Description	4ft Curved Wrap, 3,700 Lumens, 4000K, Frosted Lens
Fixture Lumens (lm)	3,694 lm
Wattage (W)	30 W
Efficacy (lm/W)	123 lm/W
Mounting	Pendant
Spacing Criteria	0° = 1.22, 90° = 1.37

ZONAL LUMEN SUMMARY

Zone	Lumens (lm)	% Fixture
0° - 40°	1,331	37%
0° - 60°	2,417	67%
0° - 90°	3,389	94%
90° - 180°	200	5%
0° - 180°	3,694	100%

CANDELA PLOT

Quadralaterally Symmetric
Solid: 0 Degrees
Small Dash: 45 Degrees
Large Dash: 90 Degrees
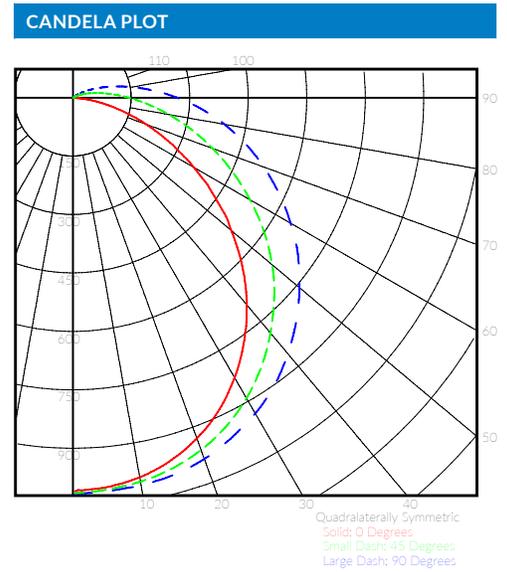
LUMINAIRE DATA

Part Number	SQ8-60W
Description	8ft Curved Wrap, 7,300 Lumens, 4000K, Frosted Lens
Fixture Lumens (lm)	7,329 lm
Wattage (W)	60 W
Efficacy (lm/W)	122 lm/W
Mounting	Pendant
Spacing Criteria	0° = 1.22, 90° = 1.37

ZONAL LUMEN SUMMARY

Zone	Lumens (lm)	% Fixture
0° - 40°	2,663	37%
0° - 60°	4,834	67%
0° - 90°	6,779	94%
90° - 180°	400	6%
0° - 180°	7,329	100%

CANDELA PLOT

Quadralaterally Symmetric
Solid: 0 Degrees
Small Dash: 45 Degrees
Large Dash: 90 Degrees