

L2SSS LED SLIM STRIP WITH LENS

A high performance lensed LED strip that provides smooth and uniform lighting. Ideal for commercial, industrial, retail, or residential applications. Its slim housing allows it to be installed in restricted areas such as coves and display applications. Junction box cover included.

FEATURES AND SPECIFICATIONS

• Construction

Housing & finishing

- Slim housing ideal for restricted areas
- White powder painted steel
- Acrylic frosted lens

Mounting

- Surface (standard) and suspended possible (see accessories)
- Easy to install with the brackets at both ends

LINK

- This unit can be used as an emergency backup unit powered by battery. Please view the LINK brochure for more details on this technology.

• Technical specifications

- Long life LEDs that provide 80+ CRI are available in 4 000 K colour temperature
- 0-10 V dimming standard
- Canopy plate for octagonal junction box is included (field installable)
- Estimated lifespan of over 120 000 hours to L70
- Suitable for damp location

Ambient temperature

- Quick Ship: -20°C - +50°C
- LINK option: -20°C - +25°C

Compliances

- Meets requirements of ICES-005
- cULus
- CSA C22.2 No. 250.0
- CSA Certified to C22.2#141-15 (When used with EL options)

OVERVIEW

Light source	LED
Watts (W)	20 - 90
Lumen output (lm)	2 620 - 11 880
Efficiency (lm/W)	128 - 132
Color temperature (K)	4 000
CRI	80+
Weight (lbs)	1.88, 3.75, 7.50



ICES
005



Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE  ¹

Part number	DLC unique ID	Watts (W)	Volts (VAC)	Color temp. (K) ²	Lumen (lm) ³	Efficiency (lm/W)	CRI	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Dimming (Yes/No)	Power factor	THD (%)	Case qty (master)
24"													
L2SSS-24LS1-W/40K	PLJLZP6VZ0XF	20	120-277	4 000	2 620	131	82	120 000	6 000	Yes	0.90	10	9
48"													
L2SSS-48LS1-W/40K	PL3NDY8B3PWQ	30	120-277	4 000	3 900	130	82	120 000	6 000	Yes	0.90	10	9
L2SSS-48LS2-W/40K	PLXZ6E4GTSPM	46	120-277	4 000	5 888	128	82	120 000	6 000	Yes	0.90	10	9
96"													
L2SSS-96LS1-W/40K	PLNM15SV4DKJ	75	120-277	4 000	9 750	130	82	120 000	6 000	Yes	0.90	10	4
L2SSS-96LS2-W/40K	PLDX5VXUVR22	90	120-277	4 000	11 880	132	82	120 000	6 000	Yes	0.90	10	4

¹ **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

² Typical color temperature range: +/- 5 %.

³ Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

CONFIGURABLE ORDERING GUIDE

Series	Size	Lamp type	Lumen package delivered ¹	Volts (V)	Color temperature (K)	Options
L2SSS	24 - 24"	L - LED	S1 - 2 620 lumens (20 W)	W - 120-277	40K - 4 000	EL - LINK ²
	48 - 48"		S1 - 3 900 lumens (30 W) S2 - 5 888 lumens (46 W)			

¹ See IES files for details.

² Emergency power conversion module.

LINK TECHNICAL SPECIFICATION TABLE

Size	Lumen Package	LINK Watts (W)	4 000 K
			LINK lumen output (lm)
24"	S1	11	1262.65
			894.5
48"	S2	11	1184.71

ACCESSORIES (order separately)

Part number	Type
VH00K-SSS-KIT	V-Hook kit
AC-SSS-KIT	Aviation cable kit
HAR684	Push-in metal plug 7/8"
WGD906-2FT	Wireguard kit for 24" ¹
WGD906-4FT	Wireguard kit for 48" ¹
WGD906-8FT	Wireguard kit for 96" ¹
BKT797-WH	Continuous row mounting aligner for suspended installation
LEN358-2	Replacement lens 24" - Frosted acrylic
LEN358-4	Replacement lens 48" - Frosted acrylic
LEN358-8	Replacement lens 96" - Frosted acrylic

¹ Includes brackets and screws.

COMPATIBLE DIMMERS

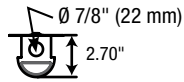
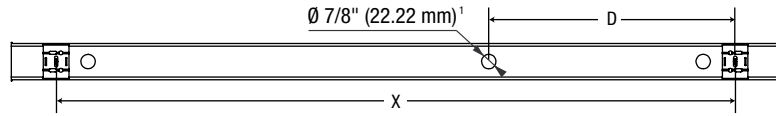
Brand	Model number
Leviton	ILLUMATECH IP710-LFZ
Lutron	DIVADVSTV Maestro MS-Z101 Nova T NTSTV
Philips	Sunrise SR1200ZTUNV

Dimming range 10%-100%

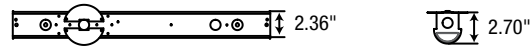
NOTE: The above table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Standard recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation. Some dimmers may require more than one product for stable operation. The maximum number of products is determined by the dimmer wattage rating with LEDs. Be careful, these dimmers have different ratings depending on the product type. Again, refer to the dimmer installation instructions.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

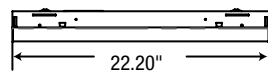
DIMENSIONS



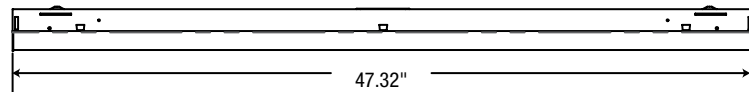
¹ Ø 7/8\" (22 mm) for all available knockouts. Knockout on end cap is the same on both side.



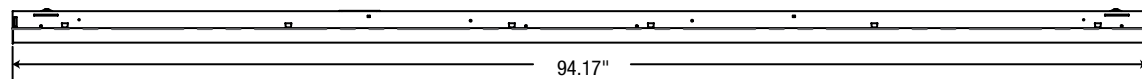
24\"²



48\"



96\"²

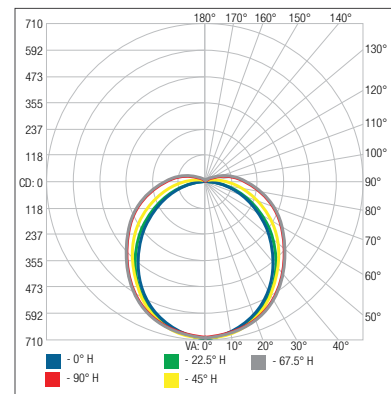


² Knockout and canopy plate for the 24\" and the 96\" fixture are not centered.

PHOTOMETRIC DATA¹

L2SSS-24LS1-W-40K • 2 446.6 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	542.1	22.2
0-40	888.7	36.3
0-60	1 594.6	65.2
60-90	651.1	26.6
70-100	458	18.7
90-120	174.6	7.1
0-90	2 245.7	91.8
90-180	200.9	8.2
0-180	2 446.6	100

Illuminance at a distance

Center beam fc	Beam width
1.7'	4.5' 7.4'
3.3'	8.8' 14.3'
5.0'	13.3' 21.7'
6.7'	17.8' 29.0'
8.3'	22.1' 36.0'
10.0'	26.6' 43.3'

■ Vert. spread: 106.1°
■ Horiz. spread: 130.5°

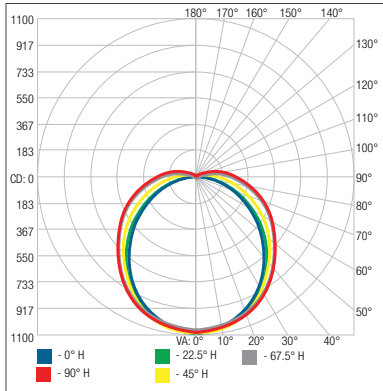
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA (cont'd)¹

L2SSS-48LS1-W-40K • 3 610.8 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	789.2	21.9
0-40	1 295.4	35.9
0-60	2 330.0	64.5
60-90	958.4	26.5
70-100	675	18.7
90-120	268.5	7.4
0-90	3 288.4	91.1
90-180	322.3	8.9
0-180	3 610.8	100

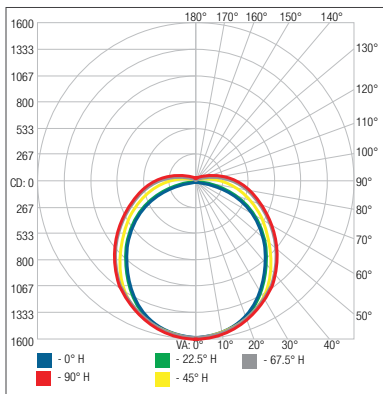
Illuminance at a distance

Center beam fc		Beam width	
1.7'	353	4.6'	7.6'
3.3'	93.8	8.9'	14.7'
5.0'	40.8	13.4'	22.3'
6.7'	22.7	18.0'	29.8'
8.3'	14.8	22.3'	37.0'
10.0'	10.2	26.9'	44.5'

■ Vert. spread: 106.6°
■ Horiz. spread: 131.6°

L2SSS-48LS2-W-40K • 5 662.3 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 238.8	21.9
0-40	2 032.6	35.9
0-60	3 656.0	64.6
60-90	1 504.3	26.6
70-100	1 058.3	18.7
90-120	418.7	7.4
0-90	5 160.3	91.1
90-180	502.1	8.9
0-180	5 662.3	100

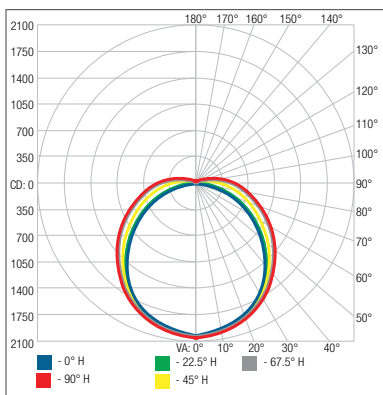
Illuminance at a distance

Center beam fc		Beam width	
1.7'	553	4.6'	7.5'
3.3'	147	8.9'	14.5'
5.0'	64.0	13.5'	22.0'
6.7'	35.6	18.1'	29.5'
8.3'	23.2	22.5'	36.6'
10.0'	16.0	27.0'	44.1'

■ Vert. spread: 107.0°
■ Horiz. spread: 131.2°

L2SSS-96LS1-W-40K • 9 568.5 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	2 091.5	21.9
0-40	3 432.7	35.9
0-60	6 174.4	64.5
60-90	2 539.9	26.5
70-100	1 788.7	18.7
90-120	711.6	7.4
0-90	8 714.3	91.1
90-180	854.2	8.9
0-180	9 568.5	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	936	4.6'	7.6'
3.3'	248	8.9'	14.7'
5.0'	108	13.4'	22.3'
6.7'	60.3	18.0'	29.8'
8.3'	39.3	22.3'	37.0'
10.0'	27.1	26.9'	44.5'

■ Vert. spread: 106.6°
■ Horiz. spread: 131.6°

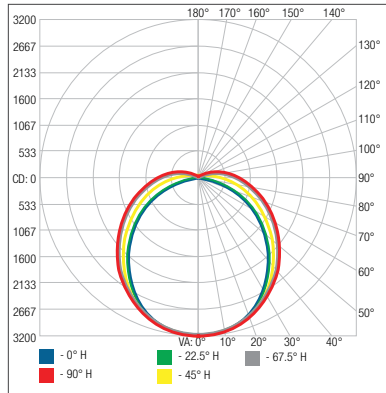
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA (cont'd)¹

L2SSS-96LS2-W-40K • 11 324.7 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	2 477.5	21.9
0-40	4 065.2	35.9
0-60	7 311.9	64.6
60-90	3 008.6	26.6
70-100	2 116.5	18.7
90-120	837.3	7.4
0-90	10 320.5	91.1
90-180	1 004.2	8.9
0-180	11 324.7	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	1 107	4.6'	7.5'
3.3'	294	8.9'	14.5'
5.0'	128	13.5'	22.0'
6.7'	71.2	18.1'	29.5'
8.3'	46.4	22.5'	36.6'
10.0'	32.0	27.0'	44.1'

■ Vert. spread: 107.0°
■ Horiz. spread: 131.2°

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