

# 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

**• Technical specifications**

- Long life LEDs that provide 80+ CRI are available in 4000K colour temperature
- 0-10V dimming standard
- Canopy plate for octagonal junction box is included (field installable)
- Estimated lifespan of over 36,000 hours to L70
- Ambient temperature: -20° - +50°
- Suitable for damp location

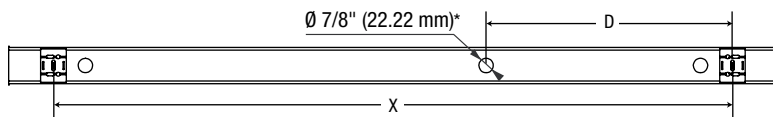
**• Compliances**

- Meets requirements of ICES-005
- cULus

### TM21 TABLE

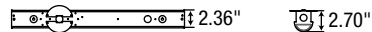
Time (t) at which to estimate lumen maintenance (hours)	120,000
Lumen maintenance at time (t) (%)	70.48%
Calculated L70 (hours)	120,000
Reported L70 (hours)	>36,000

### DIMENSIONS

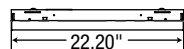


Ø 7/8" (22 mm)  
2.70"

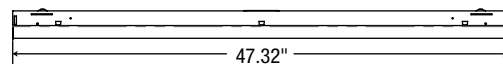
\* Ø 7/8" (22 mm) for all available knockouts. Knockout on end cap is the same on both side.



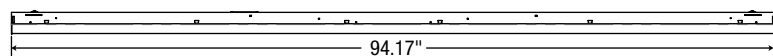
2' \*\*



4'



8' \*\*



\*\* Knockout and canopy plate for the 2ft and the 8ft fixture are not centered.

Project: \_\_\_\_\_  
 Type: \_\_\_\_\_  
 Catalogue #: \_\_\_\_\_  
 Drawn by: \_\_\_\_\_  
 Date: \_\_\_\_\_



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](http://www.designlights.org/search).

### OVERVIEW

Light source	LED
Wattage	20W - 90W
Lumens	2620lm - 11,880lm
lm/W	128lm/W - 132lm/W
Colour temperature	4000K
CRI	80+
Weight	1.88lbs, 3.75lbs, 7.50lbs

**COMPATIBLE DIMMERS**

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

Dimming range 10%-100%.

**QUICK SHIP ORDERING GUIDE**  \*

Part number	Size	Lumens	Wattage	LM/W	Voltage	Colour temperature
L2SSS-24LS1-W/40K	2'	2620lm	20W	131lm/W	120-277V	4000K
L2SSS-48LS1-W/40K	4'	3900lm	30W	130lm/W	120-277V	4000K
L2SSS-48LS2-W/40K	4'	5888lm	46W	128lm/W	120-277V	4000K
L2SSS-96LS1-W/40K	8'	9750lm	75W	130lm/W	120-277V	4000K
L2SSS-96LS2-W/40K	8'	11,880lm	90W	132lm/W	120-277V	4000K

\* **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.

**LUMEN AND SPECIFICATION CHART**

General specifications										Lumen maintenance		
Package	Input voltage (V)	LED current (mA)	System power (W)	Lumens	LM/W	CCT	CRI	PF	THD	Reported L70	Calculated TM21	LM80 @ (Hrs)
L2SSS-24LS1-W/40K	120-277V	163-75mA	20W	2620lm	131lm/W	4000K	82	0.9	10%	>36,000	120,000	6000
L2SSS-48LS1-W/40K	120-277V	330-145mA	30W	3900lm	130lm/W	4000K	82	0.9	10%	>36,000	120,000	6000
L2SSS-48LS2-W/40K	120-277V	375-164mA	46W	5888lm	128lm/W	4000K	82	0.9	10%	>36,000	120,000	6000
L2SSS-96LS1-W/40K	120-277V	643-277mA	75W	9750lm	130lm/W	4000K	82	0.9	10%	>36,000	120,000	6000
L2SSS-96LS2-W/40K	120-277V	738-323mA	90W	11,880lm	132lm/W	4000K	82	0.9	10%	>36,000	120,000	6000

**ACCESSORIES (order separately)**

VHOOK-SSS-KIT	V-Hook kit
AC-SSS-KIT	Aviation cable kit
HAR684	Push-in metal plug 7/8in
WGD906-2FT	Wireguard kit for 24"*
WGD906-4FT	Wireguard kit for 48"*
WGD906-8FT	Wireguard kit for 96"*
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

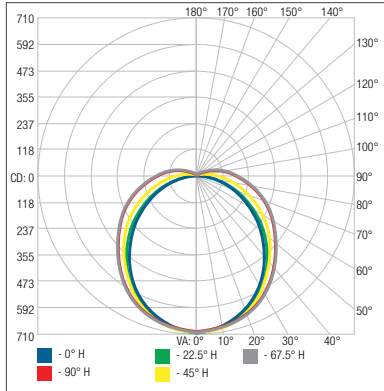
\*Includes brackets and screws.

**Comments**

**PHOTOMETRIC DATA**

**L2SSS-24LS1-W-40K • 2446.6lm**

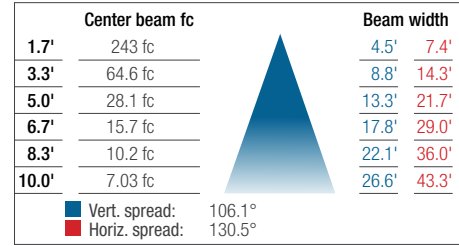
**Polar candela distribution**



**Zonal lumen summary**

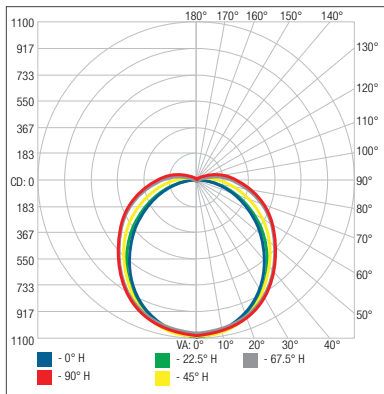
Zone	Lumens	% Fixture
0-30	542.1	22.2%
0-40	888.7	36.3%
0-60	1594.6	65.2%
60-90	651.1	26.6%
70-100	458	18.7%
90-120	174.6	7.1%
0-90	2245.7	91.8%
90-180	200.9	8.2%
0-180	2446.6	100%

**Illuminance at a distance**



**L2SSS-48LS1-W-40K • 3610.8lm**

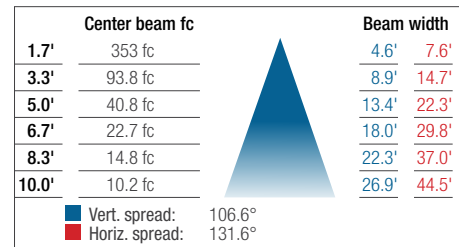
**Polar candela distribution**



**Zonal lumen summary**

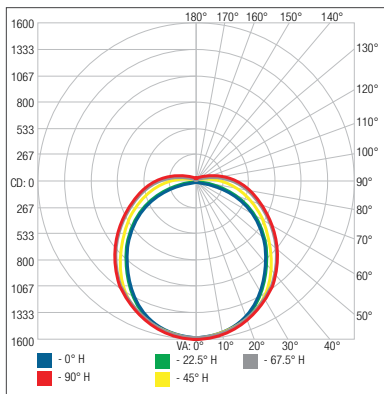
Zone	Lumens	% Fixture
0-30	789.2	21.9%
0-40	1295.4	35.9%
0-60	2330.0	64.5%
60-90	958.4	26.5%
70-100	675	18.7%
90-120	268.5	7.4%
0-90	3288.4	91.1%
90-180	322.3	8.9%
0-180	3610.8	100%

**Illuminance at a distance**



**L2SSS-48LS2-W-40K • 5662.3lm**

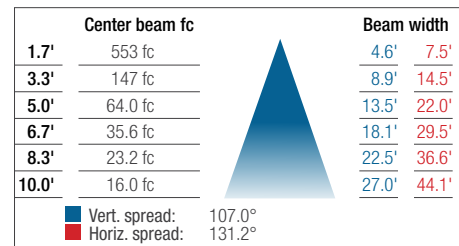
**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1238.8	21.9%
0-40	2032.6	35.9%
0-60	3656.0	64.6%
60-90	1504.3	26.6%
70-100	1058.3	18.7%
90-120	418.7	7.4%
0-90	5160.3	91.1%
90-180	502.1	8.9%
0-180	5662.3	100%

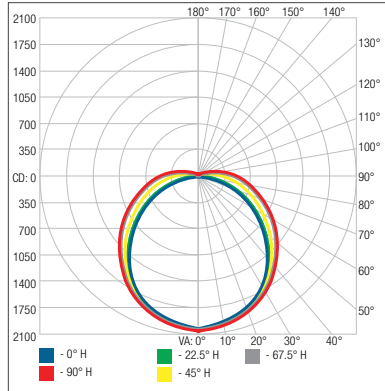
**Illuminance at a distance**



**PHOTOMETRIC DATA (cont'd)**

**L2SSS-96LS1-W-40K • 9568.5lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	2091.5	21.9%
0-40	3432.7	35.9%
0-60	6174.4	64.5%
60-90	2539.9	26.5%
70-100	1788.7	18.7%
90-120	711.6	7.4%
0-90	8714.3	91.1%
90-180	854.2	8.9%
0-180	9568.5	100%

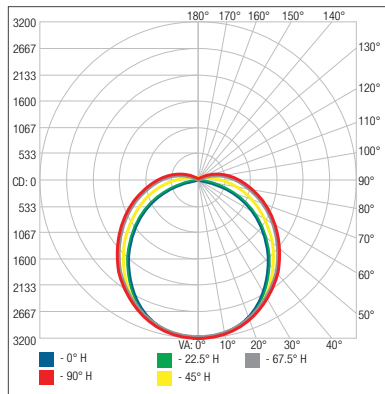
**Illuminance at a distance**

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

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

**L2SSS-96LS2-W-40K • 11,324.7lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	2477.5	21.9%
0-40	4065.2	35.9%
0-60	7311.9	64.6%
60-90	3008.6	26.6%
70-100	2116.5	18.7%
90-120	837.3	7.4%
0-90	10,320.5	91.1%
90-180	1004.2	8.9%
0-180	11,324.7	100%

**Illuminance at a distance**

Center beam fc		Beam width	
1.7'	1107 fc	4.6'	7.5'
3.3'	294 fc	8.9'	14.5'
5.0'	128 fc	13.5'	22.0'
6.7'	71.2 fc	18.1'	29.5'
8.3'	46.4 fc	22.5'	36.6'
10.0'	32.0 fc	27.0'	44.1'

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

All products are subject to change or may be discontinued any time without notice.