

## Series Spec Sheet

# L2SSS LED SLIM STRIP

The L2SSS series showcases a slim profile, allowing for installation in tight and restrictive spaces. Benefit from high-performance light output without sacrificing smooth and uniform lighting. With its classic round lens design, the L2SSS series is the perfect choice for a wide range of commercial and industrial applications.

### FEATURES AND SPECIFICATIONS

#### • Construction

##### Physical Characteristics

- Slim housing ideal for restricted areas
- 24 gauge white powder painted steel
- Frosted PMMA lens

##### Mounting

- Surface, suspended or row mounted (see accessories)
- Canopy plate for octagonal junction box and mounting brackets are included

#### • Performance Data

- Available in 4 000 K color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 186 000 hours to L70
- 0-10 V dimming standard
- 2.5 kV surge protection
- Operating temperature: -20 °C to 50 °C (-4 °F to 122 °F)

#### • General Lighting Compliances

- cULus listed for damp locations
- DLC Premium and Standard
- Meets requirements of ICES-005 issue 5 class A for use in commercial applications



### OVERVIEW

Light source	LED
Watts (W)	20 - 90
Lumen output (lm)	2 620 - 11 790
Efficacy (lm/W)	131 - 132
Color temperature (K)	4 000
CRI	80+
Weight (lbs)	24": 1.88, 48": 3.75, 96": 7.50



quick  
ship



LED  
fixture



dimmable  
fixture



damp  
location



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

**QUICK SHIP AND TECHNICAL SPECIFICATION TABLE** 

Order code	Model number	Watts (W)	Volts (V AC)	Color temp. (K) <sup>1</sup>	Lumen output (lm) <sup>2</sup>	Efficacy (lm/W)	CRI	Life L70 (hrs) <sup>3</sup>	Tested hours LM-80 (hrs) <sup>3</sup>	Dimming (Yes/No)	Power factor	THD (%)	Case qty (master)
<b>24"</b>													
69041	L2SSS-24LS1-Q/40K	20	120-347	4 000	2 620	131	80+	186 000	9 000	Yes	0.90	10	9
<b>48"</b>													
69042	L2SSS-48LS1-Q/40K	30	120-347	4 000	3 960	132	80+	186 000	9 000	Yes	0.90	10	9
69043	L2SSS-48LS2-Q/40K	45	120-347	4 000	5 895	131	80+	186 000	9 000	Yes	0.90	10	9
<b>96"</b>													
69044	L2SSS-96LS1-Q/40K	75	120-347	4 000	9 825	131	80+	186 000	9 000	Yes	0.90	10	1
69045	L2SSS-96LS2-Q/40K	90	120-347	4 000	11 790	131	80+	186 000	9 000	Yes	0.90	10	1

<sup>1</sup> Typical color temperature range: +/- 5 %.

<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

<sup>3</sup> Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

**DLC UNIQUE ID TABLE**

Order Code	Model Number	DLC Premium Unique ID <sup>1</sup>	DLC Standard Unique ID <sup>2</sup>
69041	L2SSS-24LS1-Q/40K	S-Z4D8EO	S-R6Q9BG
69042	L2SSS-48LS1-Q/40K	S-H9O8B4	S-CBW32F
69043	L2SSS-48LS2-Q/40K	S-KYOJ7Q	S-F9TISR
69044	L2SSS-96LS1-Q/40K	S-DZV96E	S-KGB9Z6
69045	L2SSS-96LS2-Q/40K	S-2RM3IA	S-48E02R

<sup>1</sup> Primary Use Designation: Stairwell and Passageway Luminaires

<sup>2</sup> Primary Use Designation: Direct Linear Ambient Luminaires

**ACCESSORIES (order separately)**

Order code	Type
69328	V-Hooks (set of 2)
68676	Suspension kit - 2 chains (1 metre) <sup>1</sup>
69082	10' Aviation cable kit with canopy, power cord & dimming wires
69069	External mount PIR motion sensor (120-277V only)
69080	Remote control for PIR motion sensor
68685	Wireguard kit 24"
68686	Wireguard kit 48"
68687	Wireguard kit 96"
69068	Continuous row mounting connector
68682	Replacement lens 24"
68683	Replacement lens 48"
68684	Replacement lens 96"

<sup>1</sup>Must be used in conjunction with 69328.

**COMPATIBLE DIMMERS<sup>1</sup>**

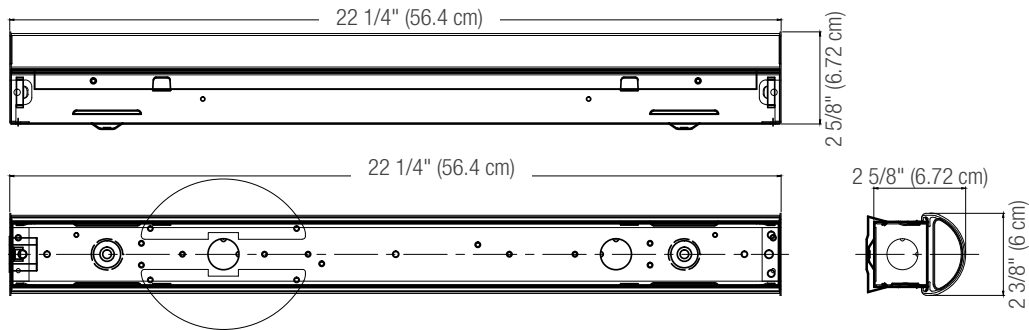
Brand	Model
Leviton	IlumaTech IP710-LFZ
	IlumaTech IP710-DLZ
	IlumaTech IP710-DOZ
	Decora DS710-10Z
Lutron	Nova T NTSTV-DV
	Nova NFTV
	Diva DDTV-WH
Legrand	RH4FBL3PW

Dimming range: 10%-100%

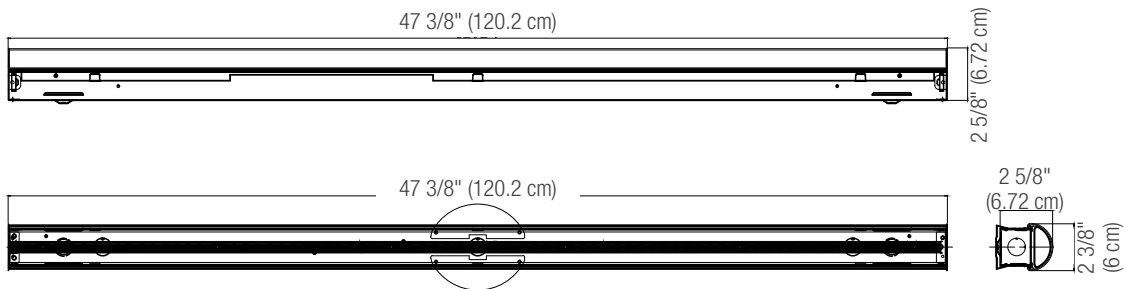
<sup>1</sup>This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. Stanpro recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

**DIMENSIONS**

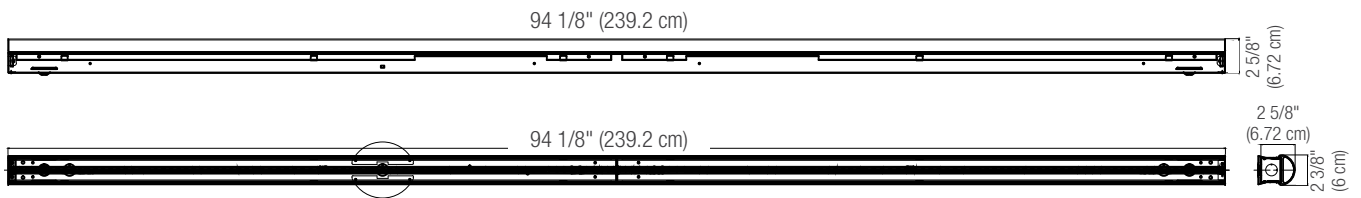
**24"**



**48"**



**96"**

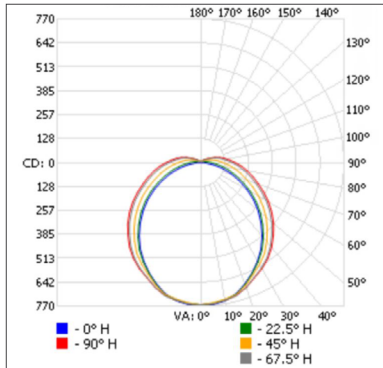


Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

**PHOTOMETRIC DATA<sup>1</sup>**

**69041 • L2SSS-24LS1-Q/40K • 2 618.3 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	586.3	22.4
0-40	959.1	36.6
0-60	1 714.0	65.5
60-90	683.0	26.1
70-100	478.8	18.3
90-120	186.5	7.1
0-90	2 397.0	91.5
90-180	221.3	8.5
0-180	2 618.3	100

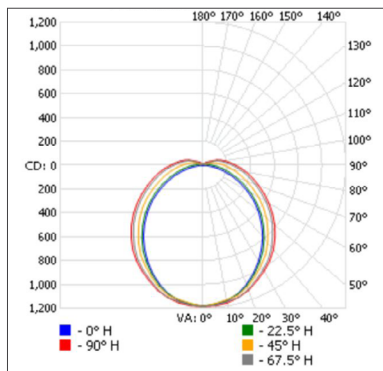
**Illuminance at a distance**

Center beam fc	Beam width
1.7'	4.3' 6.9'
3.3'	8.4' 13.4'
5.0'	12.7' 20.3'
6.7'	17.1' 27.2'
8.3'	21.1' 33.7'
10.0'	25.5' 40.6'

Vert. spread: 103.7°  
Horiz. spread: 127.5°

**69042 • L2SSS-48LS1-Q/40K • 3 966.2 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	907.1	22.9
0-40	1 480.1	37.3
0-60	2 629.7	66.3
60-90	1 016.5	25.6
70-100	706.0	17.8
90-120	269.9	6.8
0-90	3 646.1	91.9
90-180	320.1	8.1
0-180	3 966.2	100

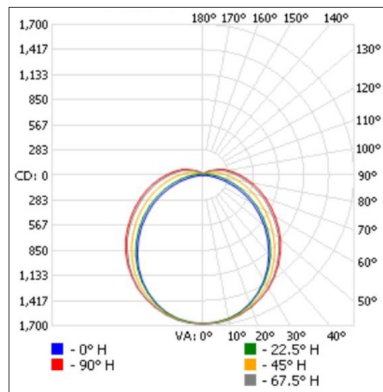
**Illuminance at a distance**

Center beam fc	Beam width
1.7'	4.2' 6.8'
3.3'	8.2' 13.1'
5.0'	12.5' 19.9'
6.7'	16.7' 26.7'
8.3'	20.7' 33.0'
10.0'	24.9' 39.8'

Vert. spread: 102.5°  
Horiz. spread: 126.7°

**69043 • L2SSS-48LS2-Q/40K • 5 898.0 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 305.9	22.1
0-40	2 142.3	36.3
0-60	3 836.6	65
60-90	1 541.8	26.1
70-100	1 075.7	18.2
90-120	426.3	7.2
0-90	5 378.3	91.2
90-180	519.7	8.8
0-180	5 898.0	100

**Illuminance at a distance**

Center beam fc	Beam width
1.7'	4.4' 7.3'
3.3'	8.6' 14.3'
5.0'	13.1' 21.6'
6.7'	17.5' 28.9'
8.3'	21.7' 35.8'
10.0'	26.2' 43.2'

Vert. spread: 105.2°  
Horiz. spread: 130.3°

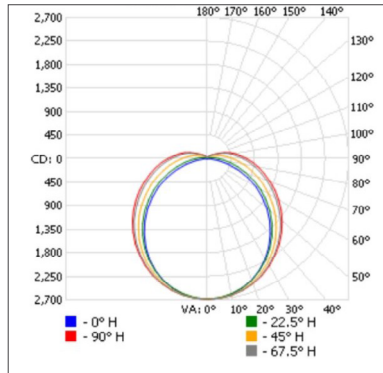
<sup>1</sup> Complete IES files available on our website.

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## PHOTOMETRIC DATA<sup>1</sup>

69044 • L2SSS-96LS1-Q/40K • 9 843.0 lm

### Polar candela distribution



### Zonal lumen summary

Zone	Lumens	% Fixture
0-30	2 094.3	21.3
0-40	3 445.7	35
0-60	6 234.6	63.3
60-90	2 642.2	26.8
70-100	1 884.8	19.1
90-120	785.2	8
0-90	8 876.8	90.2
90-180	966.2	9.8
0-180	9 843.0	100

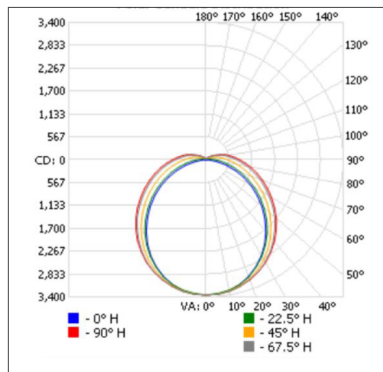
### Illuminance at a distance

Center beam fc	Beam width
1.7'	4.6' 8.3'
3.3'	8.9' 16.2'
5.0'	13.5' 24.5'
6.7'	18.1' 32.8'
8.3'	22.4' 40.7'
10.0'	27.0' 49.0'

■ Vert. spread: 107.0°  
■ Horiz. spread: 135.6°

69045 • L2SSS-96LS2-W/40K • 11 780.1 lm

### Polar candela distribution



### Zonal lumen summary

Zone	Lumens	% Fixture
0-30	2 608.2	22.1
0-40	4 278.8	36.3
0-60	7 662.8	65
60-90	3 079.3	26.1
70-100	2 148.5	18.2
90-120	851.5	7.2
0-90	10 742.1	91.2
90-180	1 038.0	8.8
0-180	11 780.1	100

### Illuminance at a distance

Center beam fc	Beam width
1.7'	4.4' 7.3'
3.3'	8.6' 14.3'
5.0'	13.1' 21.6'
6.7'	17.5' 28.9'
8.3'	21.7' 35.8'
10.0'	26.2' 43.2'

■ Vert. spread: 105.2°  
■ Horiz. spread: 130.3°

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