

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 semi-gloss 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)	75 - 90
Lumen output (lm)	9 825 - 11 790
Efficacy (lm/W)	131
Color temperature (K)	4 000
CRI	80+
Weight (lbs)	7.50



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 🕒

Order code	Model number	Watts (W)	Volts (V AC)	Color temp. (K) ¹	Lumen output (lm) ²	Efficacy (lm/W)	CRI	Life L70 (hrs) ³	Tested hours LM-80 (hrs) ³	Dimming (Yes/No)	Power factor	THD (%)	Case qty (master)
96"													
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

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

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

³ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

DLC UNIQUE ID TABLE

Order Code	Model Number	DLC Premium Unique ID ¹	DLC Standard Unique ID ²
69044	L2SSS-96LS1-Q/40K	S-DZV96E	S-KGB9Z6
69045	L2SSS-96LS2-Q/40K	S-2RM3IA	S-48E02R

¹ Primary Use Designation: Stairwell and Passageway Luminaires

² 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) ¹
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
68687	Wireguard kit 96"
69068	Continuous row mounting connector
68684	Replacement lens 96"

¹ Must be used in conjunction with 69328.

COMPATIBLE DIMMERS¹

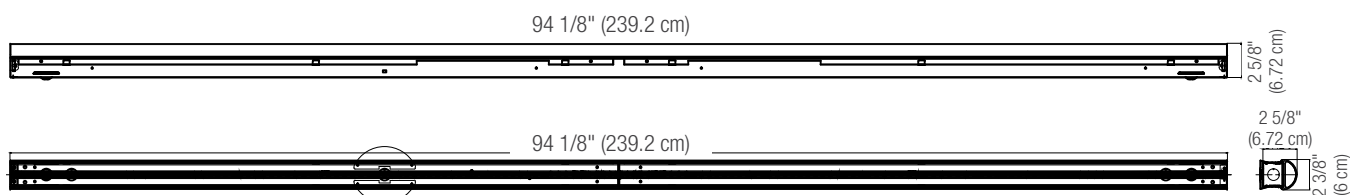
Brand	Model
Leviton	IllumaTech IP710-LFZ
	IllumaTech IP710-DLZ
	IllumaTech IP710-D0Z
	Decora DS710-10Z
Lutron	Nova T NTSTV-DV
	Nova NFTV
	Diva DDTV-WH
Legrand	RH4FBL3PW

Dimming range: 10%-100%

¹ 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

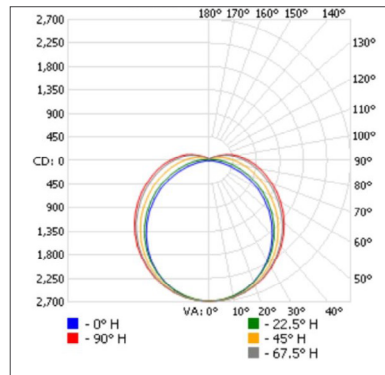
96"



PHOTOMETRIC DATA¹

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

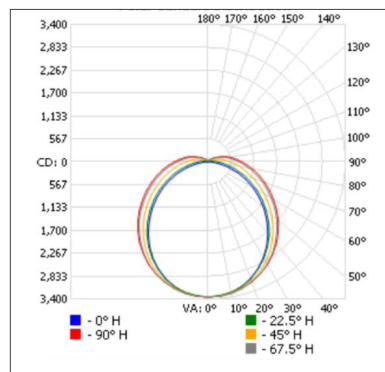
Illuminance at a distance

Center beam fc		Beam width	
1.7'	929	4.6'	8.3'
3.3'	247	8.9'	16.2'
5.0'	107	13.5'	24.5'
6.7'	59.8	18.1'	32.8'
8.3'	39.0	22.4'	40.7'
10.0'	26.8	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'	1 159	4.4'	7.3'
3.3'	307	8.6'	14.3'
5.0'	134	13.1'	21.6'
6.7'	74.6	17.5'	28.9'
8.3'	48.6	21.7'	35.8'
10.0'	33.5	26.2'	43.2'

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

¹ Complete IES files available on our website.