

Project: _____

Type: _____

Drawn by: _____ Catalogue #: _____

Date: _____

L2SSS LED SLIM STRIP

Optional Emergency Remote

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: 120-277 V and 120-347 V
- Estimated life of over 120 000 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)
- Operating temperature with LINK: -20 °C to 25 °C (-4 °F to 77 °F)

• Optional Emergency Lighting

LINK Normally ON Emergency Remote LED Slim Strip

- Consuming 11 W, 12 - 24 V DC
- 200 mA constant current
- Delivers 1 185 lumens in emergency mode
- Ease of maintenance when used with Stanpro emergency lighting battery units complete with auto test function
- Complements Stanpro's normally ON LED slim strip family
- Patent pending

Please view the LINK specification section for more details on this technology

• Emergency Lighting Compliances

- CSA certified as a C22.2 C141-15 emergency lighting luminaire
- Meets ICES-005 requirements

• General Lighting Compliances

- DLC Premium and Standard
- cULus listed for damp locations
- Meets requirements of ICES-005 issue 4 class A for use in commercial applications
- CSA Certified to C22.2#141-15 (When used with EL option)



OVERVIEW

Light source	LED
Watts (W)	20 - 90
Lumen output (lm)	2 620 - 11 790
Efficacy (lm/W)	128 - 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



¹ 5 year warranty for the LINK module.

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)
24"													
69041	L2SSS-24LS1-Q/40K	20	120-347	4 000	2 620	131	80+	186 000	9 000	Yes	0.90	10	9
48"													
69042	L2SSS-48LS1-Q/40K	30	120-347	4 000	3 960	132	80+	186 000	6 000	Yes	0.90	10	9
68116	L2SSS-48LS2-W/40K	46	120-277	4 000	5 888	128	80+	120 000	6 000	Yes	0.90	10	9
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-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

DLC UNIQUE ID TABLE

Order Code	Model Number	DLC Premium Unique ID ¹	DLC Standard Unique ID ²
69041	L2SSS-24LS1-Q/40K	S-Z4D8EO	S-R6Q9BG
69042	L2SSS-48LS1-Q/40K	S-H9O8B4	S-CBW32F
68116	L2SSS-48LS2-W/40K	S-P95O1X	S-OQJHAB
69044	L2SSS-96LS1-Q/40K	S-DZV96E	S-KGB9Z6
69045	L2SSS-96LS2-Q/40K	S-2RM3IA	S-48EO2R

¹ Primary Use Designation: Stairwell and Passageway Luminaires
² Primary Use Designation: Direct Linear Ambient Luminaires

ORDERING GUIDE

L2SSS	—	L	—	/	/	
Series	Size	Lamp type	Lumen package ¹	Volts (V)	Color temperature (K)	Options
L2SSS	48 - 48"	L - LED	S2 - 5 888 lumens (46 W)	W - 120-277	40K - 4 000	EL - LINK Normally ON emergency remote ²

¹ See IES files for details.
² When in emergency mode, luminaire only consumes 11 W.
 For emergency lighting spacing, please see page 5.

LINK TECHNICAL SPECIFICATION TABLE

Size	Lumen Package	LINK Watts (W)	LINK lumen output (lm)
48"	S2	11	1 185

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
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"

¹Must be used in conjunction with 69328.

COMPATIBLE DIMMERS¹

120 - 277 V

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

120 - 347 V

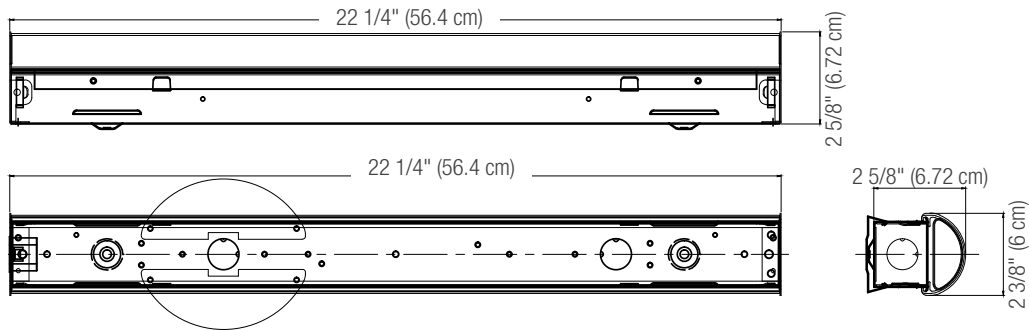
Brand	Model
Leviton	IlumaTech IP710-LFZ
	IlumaTech IP710-DLZ
	IlumaTech IP710-DOZ
	Decora DS710-10Z
Lutron	Nova T NTSTV-DV
	Nova NFTV
	Diva DVTV-WH
Legrand	RH4FBL3PW

Dimming range: 10%-100%

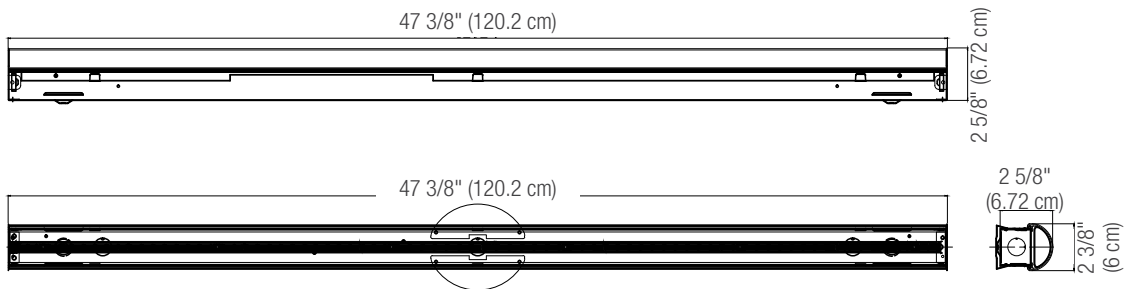
¹This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read 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

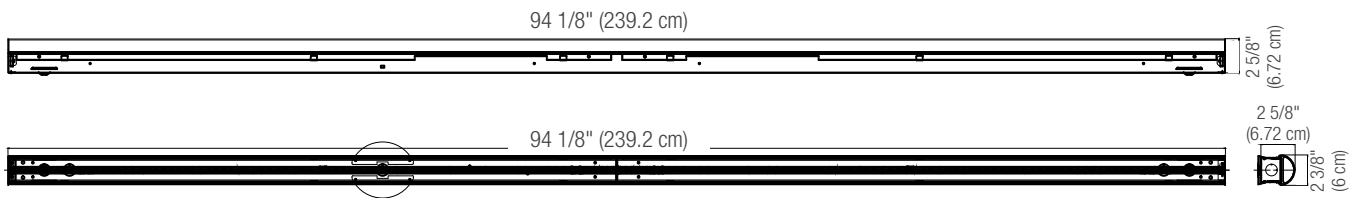
24"



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.

LINK

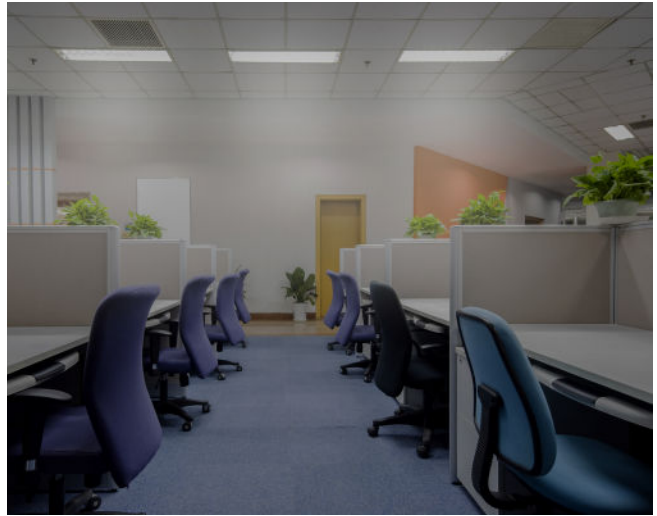
NORMALLY ON EMERGENCY REMOTE LUMINAIRE

This luminaire can be used with an emergency backup powered by either a 12 V or 24 V DC Stanpro battery unit, complete with or without auto test.

NORMAL MODE



EMERGENCY MODE



TYPICAL SPECIFICATION

Supply and install Stanpro LINK _____ ft, LED slim strip, Model number: _____ remote normally ON emergency luminaire, CSA C22.2 141-15 certified and meet the requirements prescribed by ICES-005. Normally ON when AC is present and when connected to a Stanpro battery unit complete with or without auto test, the luminaire shall act as an emergency lighting remote and consume 11 W of DC power in _____ V producing 1 185 lumens in emergency mode.

The remote normally ON emergency luminaire shall be powered by a Stanpro emergency lighting battery unit as described herein and shown on the drawings. The Stanpro auto diagnostic micro-controller board shall supply the rated load for a minimum of a 1/2 hour to 87.5% of the rated battery voltage. The unit shall be rated 120 V, 277 V or 347 V, 60 Hz and be CSA listed. The unit shall have an output of: ___V and ___W. The charge voltage factory set to $\pm 1\%$ tolerance. High efficiency, rapid recovery, precision control charging system shall be employed to promote long battery life and reduce the potential for grid corrosion. The charger shall provide a continuous high charge to recharge the battery, when the battery is at full capacity, the charger will shut-off. Periodically the charger shall provide a pulse of energy to keep the battery topped off. The pulse charger shall be precisely regulated and shall charge the battery in relation to its temperature, state or charge and input voltage fluctuations. The charger shall be current limited, temperature compensated, short-circuit proof and reverse polarity protected. The unit shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit, which will activate the emergency lights when utility power dips below 75% of nominal voltage. A low voltage battery protection circuit shall be provided and will disconnect the load when the battery reaches the end of discharge.

The automated testing performed by the Stanpro auto test system has been designed to comply with all of the requirements of the National Fire Code. Every month, a 5 minute discharge and diagnostic test checks the operational status of the unit. Every 12 months, this test is extended to the full 30 minute, code required duration. This ensures that the battery charger is recharging the battery in accordance with code requirements.

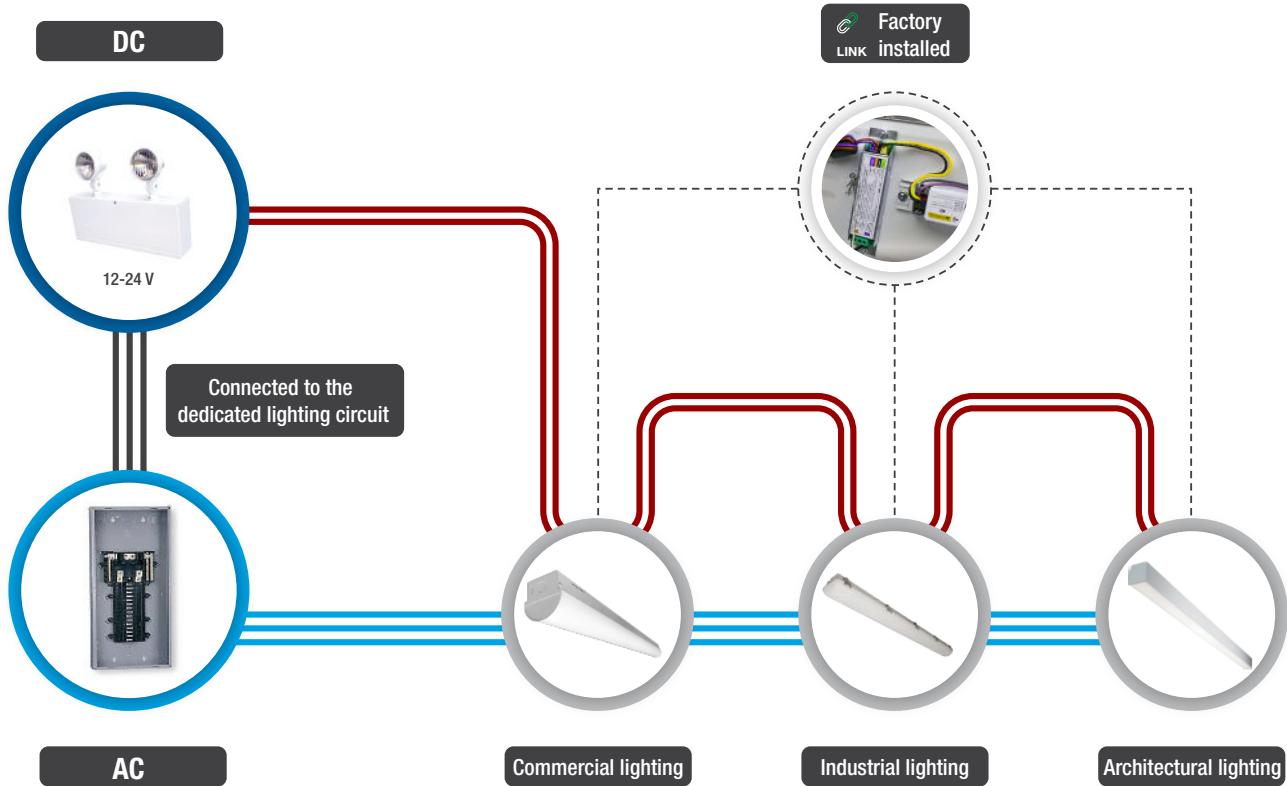
The unit shall be Stanpro model: SL_ _____

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LINK

NORMALLY ON EMERGENCY REMOTE LUMINAIRE

LINK Wiring Diagram



LEGEND

- AC wires
- Connected to the dedicated lighting circuit
- DC wires
- LINK factory installed

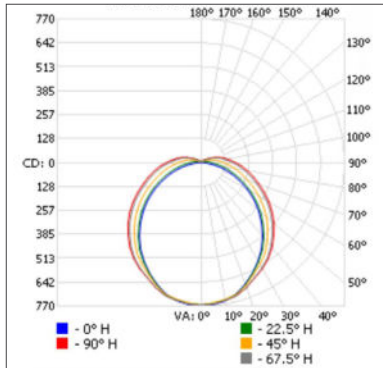
Emergency mode	Spacing
L2SSS	Average spacing for 1 out of every 4 luminaires, normally ON in the path of egress, when at 8, 10, or 12 foot mounting heights.

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GENERAL LIGHTING PHOTOMETRIC DATA¹

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

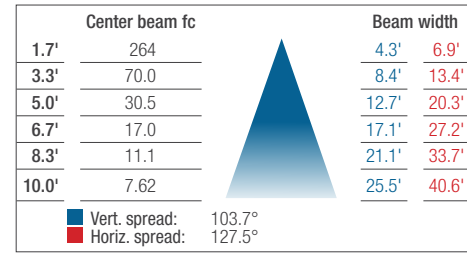
Polar candela distribution



Zonal lumen summary

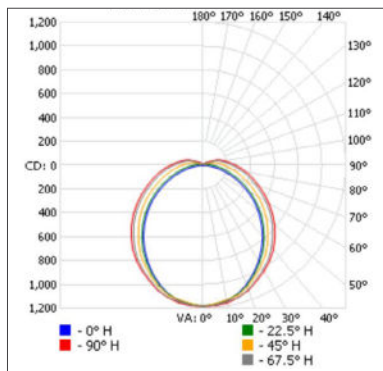
Zone	Lumens	% Fixture
0-30	586.3	22.4
0-40	959.1	36.6
0-60	1 714.0	65.5
60-90	683.0	26.1
70-100	478.8	18.3
90-120	186.5	7.1
0-90	2 397.0	91.5
90-180	221.3	8.5
0-180	2 618.3	100

Illuminance at a distance



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

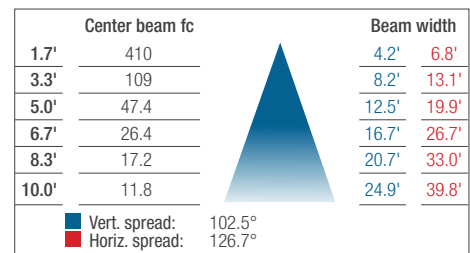
Polar candela distribution



Zonal lumen summary

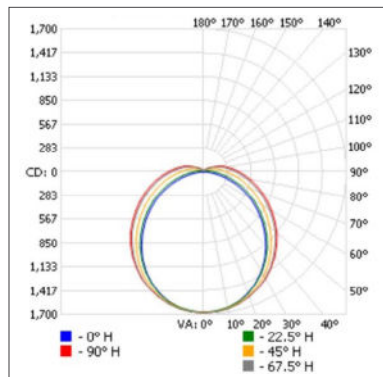
Zone	Lumens	% Fixture
0-30	907.1	22.9
0-40	1 480.1	37.3
0-60	2 629.7	66.3
60-90	1 016.5	25.6
70-100	706.0	17.8
90-120	269.9	6.8
0-90	3 646.1	91.9
90-180	320.1	8.1
0-180	3 966.2	100

Illuminance at a distance



68116 • L2SSS-48LS2-W/40K • 5 662.3 lm

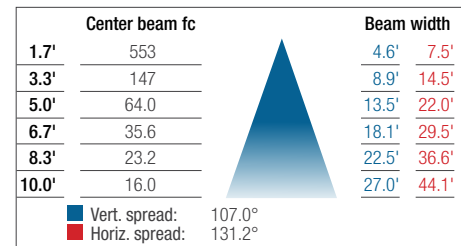
Polar candela distribution



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



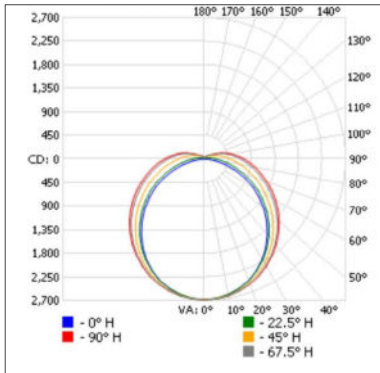
¹ Complete IES files available on our website.

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GENERAL LIGHTING 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

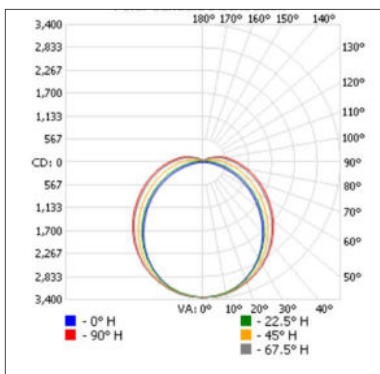
Illuminance at a distance

Center beam fc	Beam width
1.7'	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°

¹ Complete IES files available on our website.

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