

## Individual Spec Sheet

# L2STR

## LED STRIP

3 CCT and 3 Power Selectable

### ORDERING INFORMATION

**Order Code:** 70029  
**Model Number:** L2STR-96LP142-Q/3C  
**UPC:** 069549031722  
**Case Quantity:** 4  
**DLC Unique ID:** S-8TH5JC<sup>1</sup> (DLC Premium) / S-J90DFR<sup>2</sup> & S-VBJC1B<sup>3</sup> (DLC Standard)

### PHYSICAL DATA

**Length in. (cm):** 94 1/4 (239.34)  
**Lens Material:** Frosted PMMA  
**Housing Material:** 24 gauge semi-gloss white powder painted steel  
**Mounting:** Surface, suspended or row mounted (V-Hooks and junction box cover included)

### PERFORMANCE DATA

**Watts (W)** 112/126/142  
**Volts (V AC):** 120-347  
**Color Temperature (K)<sup>1</sup>:** 3 500/4 000/5 000  
**Lumen Output (lm)<sup>2</sup>:** 16 800/18 648/20 732  
**Efficacy (lm/W):** 146  
**CRI:** 80+  
**Life L70 (hrs)<sup>3</sup>:** 156 000  
**Tested LM-80 (hrs)<sup>3</sup>:** 9 000  
**Dimming:** 0-10 V with 12 V auxiliary output  
**Power Factor:** 0.90  
**THD (%):** 10  
**Frequency (Hz):** 50/60  
**Surge Protection (kV):** 2.5  
**Input Current (A):** 0.93-0.32/1.05-0.36/1.18-0.41  
**Operating Temp. Range:** -20 °C to 40 °C (-4 °F to 104 °F)

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

<sup>2</sup> Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

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

### LUMEN SPECIFICATION TABLE

Watts (W)	3 500 K		4 000 K		5 000 K	
	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)
112	16 240	145	16 800	150	16 352	146
126	18 018	143	18 646	148	18 144	144
142	20 022	141	20 732	146	20 164	142

#### DEFAULT PROGRAMMING

142 W / 4 000 K

This lighting equipment meets requirements of ICES-005 issue 5 class A for use in commercial applications.  
 Data is based upon tests performed in a controlled environment.  
 Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.



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).

<sup>1</sup> Stairwell And Passageway Luminaires

<sup>2</sup> Direct Linear Ambient Luminaires

<sup>3</sup> High-Bay Luminaires for Commercial and Industrial Buildings

## ACCESSORIES (order separately)

Order code	Type
68676	Suspension kit - 2 chains (1 m)
70218	10' Complete aircraft cable kit with 5-wire power feed and 2 canopies
70282	10' Single side aircraft cable with canopy (non-power feed)
69405	Continuous row mounting connector
69398	Transparent end caps (set of 2)
69413	Wire guard kit 48"
70166	Reflector wings kit 48"
69397	Replacement lens 96"

<sup>1</sup> For 96" luminaires, order 2 units.

## INCLUDED IN THE BOX



V-Hooks



Junction Box Cover

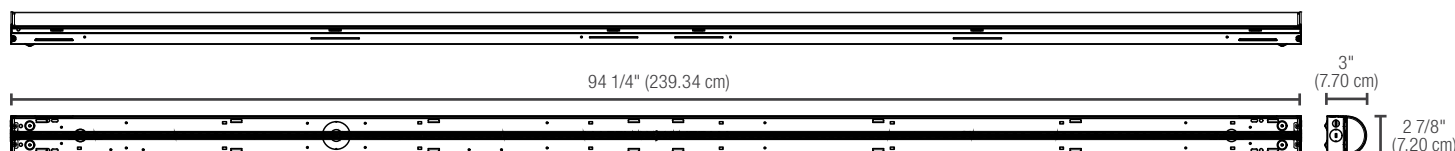
## COMPATIBLE DIMMERS<sup>1</sup>

Brand	Model
Leviton	IllumaTech IP710-LFZ DS710
Lutron	Maestro MS-Z101 Nova T NTSTV DIVA DVSTV
Legrand	RH4FBL3PW
Philips	Sunrise SR1200ZTUNV

Dimming range: 0 %-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 AND WEIGHT



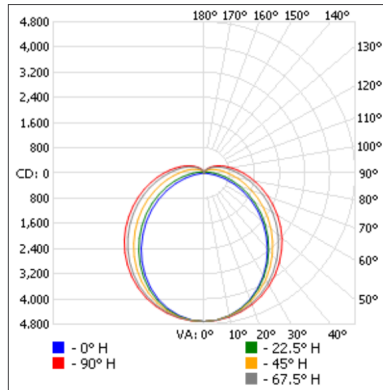
Net weight (lbs)	8.5
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PHOTOMETRIC DATA<sup>1</sup>

70029 • L2STR-96LP142-Q/3C • 112 W • 4 000 K • 16 787.9 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	3 642.5	21.7
0-40	5 961.7	35.5
0-60	10 664.4	63.5
60-90	4 355.1	25.9
70-100	3 100.5	18.5
90-120	1 387.5	8.3
0-90	15 019.5	89.5
90-180	1 768.3	10.5
0-180	16 787.9	100

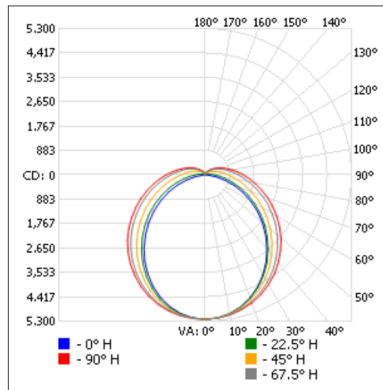
Illuminance at a distance

Center beam fc	Beam width
2.0'	4.9' 9.4'
4.0'	9.8' 18.8'
6.0'	14.8' 28.3'
8.0'	19.7' 37.7'
10.0'	24.6' 47.1'

Vert. spread: 101.8°  
Horiz. spread: 134.0°

70029 • L2STR-96LP142-Q/3C • 126 W • 4 000 K • 18 632.5 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	4 042.8	21.7
0-40	6 616.8	35.5
0-60	11 836.2	63.5
60-90	4 833.7	25.9
70-100	3 441.2	18.5
90-120	1 540	8.3
0-90	16 669.9	89.5
90-180	1 962.6	10.5
0-180	18 632.5	100

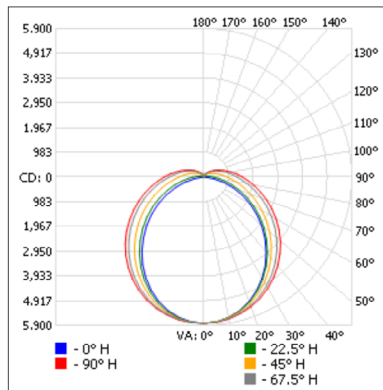
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Vert. spread: 101.8°  
Horiz. spread: 134.0°

70029 • L2STR-96LP142-Q/3C • 142 W • 4 000 K • 20 717.0 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	4 495	21.7
0-40	7 357	35.5
0-60	13 160.4	63.5
60-90	5 374.5	25.9
70-100	3 826.2	18.5
90-120	1 712.3	8.3
0-90	18 534.8	89.5
90-180	2 182.2	10.5
0-180	20 717	100

Illuminance at a distance

Center beam fc	Beam width
2.0'	4.9' 9.4'
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<sup>1</sup> Complete IES files available on our website.

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