

Individual Spec Sheet

L2STR

LED STRIP

3 CCT and 3 Power Selectable

ORDERING INFORMATION

Order Code: 69996
Model Number: L2STR-96LP90-Q/3C-BK
UPC: 069549031531
Case Quantity: 4
DLC Unique ID: S-PON48F¹ (DLC Premium) / S-OJGW2Z² & S-4XSFG³ (DLC Standard)

PHYSICAL DATA

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

PERFORMANCE DATA

Watts (W): 65/75/90
Volts (V AC): 120-347
Color Temperature (K):¹ 3 500/4 000/5 000
Lumen Output (lm):² 9 035/10 275/12 150
Efficacy (lm/W): 135
CRI: 80+
Life L70 (hrs):³ 156 000
Tested LM-80 (hrs): 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): 0.54-0.19/0.63-0.22/0.75-0.26
Operating Temp. Range: -20 °C to 50 °C (-4 °F to 122 °F)

¹ Typical color temperature range: +/- 5 %.
² Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.
³ 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)
65	8 710	134	9 035	139	8 710	134
75	9 900	132	10 275	137	9 900	132
90	11 700	130	12 150	135	11 700	130

DEFAULT PROGRAMMING

90 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.

¹ Stairwell And Passageway Luminaires

² Direct Linear Ambient Luminaires

³ High-Bay Luminaires for Commercial and Industrial Buildings

ACCESSORIES (order separately)

Order code	Type
68676	Suspension kit - 2 chains (1m)
70219	10' Complete aircraft cable kit with 5-wire power feed and 2 canopies - Black
70283	10' Single side aircraft cable with canopy (non-power feed) - Black
69998	Continuous row mounting connector - Black
69398	Transparent end caps (set of 2)
69413	Wire guard kit 48" - White
69397	Replacement lens 96"

INCLUDED IN THE BOX



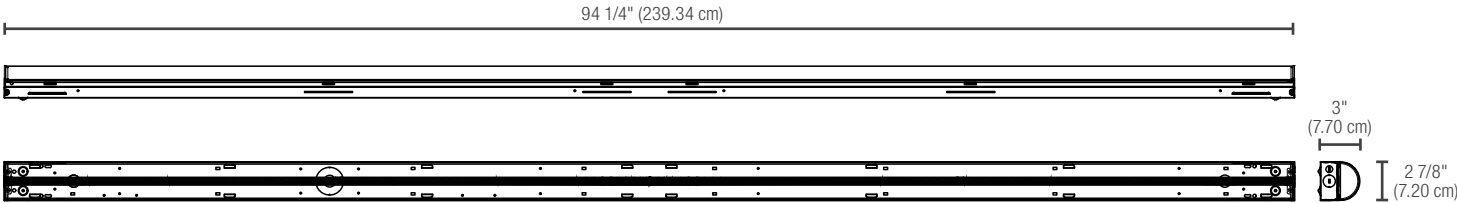
COMPATIBLE DIMMERS¹

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%

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 AND WEIGHT



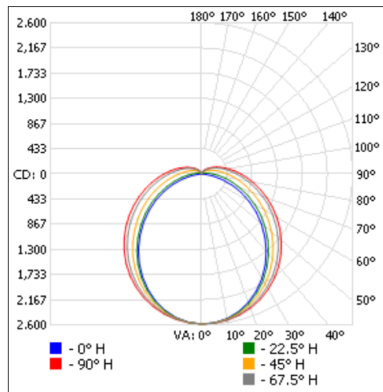
Net weight (lbs)	8.5
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PHOTOMETRIC DATA¹

69996 • L2STR-96LP90-Q/3C-BK • 65 W • 4 000 K • 9 028.5 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 993.8	22.1
0-40	3 259.8	36.1
0-60	5 812.8	64.4
60-90	2 329.8	25.8
70-100	1 641.6	18.2
90-120	708.6	7.8
0-90	8 142.5	90.2
90-180	882	9.8
0-180	9 028.5	100

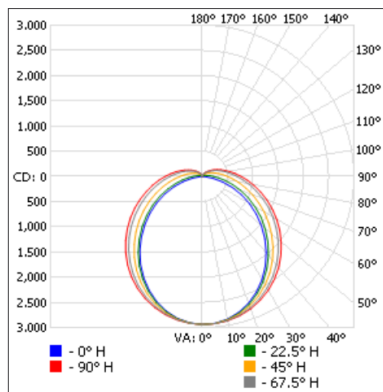
Illuminance at a distance

Center beam fc	Beam width
2.0'	4.9' 8.9'
4.0'	9.8' 17.9'
6.0'	14.7' 26.8'
8.0'	19.6' 35.8'
10.0'	24.5' 44.7'

Vert. spread: 101.7°
Horiz. spread: 131.8°

69996 • L2STR-96LP90-Q/3C-BK • 75 W • 4 000 K • 10 267.6 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	2 267.5	22.1
0-40	3 707.2	36.1
0-60	6 610.5	64.4
60-90	2 649.5	25.8
70-100	1 866.9	18.2
90-120	805.8	7.8
0-90	9 260	90.2
90-180	1 007.6	9.8
0-180	10 267.6	100

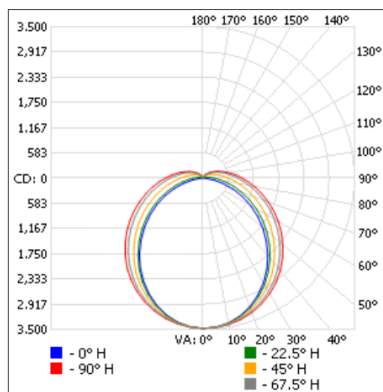
Illuminance at a distance

Center beam fc	Beam width
2.0'	4.9' 8.9'
4.0'	9.8' 17.9'
6.0'	14.7' 26.8'
8.0'	19.6' 35.8'
10.0'	24.5' 44.7'

Vert. spread: 101.7°
Horiz. spread: 131.8°

69996 • L2STR-96LP90-Q/3C-BK • 90 W • 4 000 K • 12 141.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	2 681.3	22.1
0-40	4 383.7	36.1
0-60	7 816.8	64.4
60-90	3 133	25.8
70-100	2 207.6	18.2
90-120	952.9	7.8
0-90	10 949.8	90.2
90-180	1 191.4	9.8
0-180	12 141.2	100

Illuminance at a distance

Center beam fc	Beam width
2.0'	4.9' 8.9'
4.0'	9.8' 17.9'
6.0'	14.7' 26.8'
8.0'	19.6' 35.8'
10.0'	24.5' 44.7'

Vert. spread: 101.7°
Horiz. spread: 131.8°

¹ Complete IES files available on our website.

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