

Individual Spec Sheet

L2STR

LED STRIP

3 CCT and 3 Power Selectable

ORDERING INFORMATION

Order code: 70028
Model number: L2STR-48LP80-Q/3C
UPC: 069549031715
Case quantity: 6
DLC unique ID: S-MQFT7Z¹ (DLC Premium) / S-CDLPWG² & S-3B597J³ (DLC Standard)

PHYSICAL DATA

Length in. (cm): 47 3/8 (120.34)
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) 44/60/80
Volts (V AC): 120-347
Color temperature (K)¹: 3 500/4 000/5 000
Lumen output (lm)²: 6 864/9 600/12 400
Efficacy (lm/W): 155
CRI: 80+
Life L70 (h)³: 156 000
Tested LM-80 (h)³: 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): 0.37-0.13/0.5-0.17/0.67-0.23
Operating temp. range: -20 °C to 40 °C (-4 °F to 104 °F)

¹ Typical colour 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)
44	6 820	155	6 864	156	6 820	155
60	9 000	150	9 600	160	9 000	150
80	11 600	145	12 400	155	11 600	145

DEFAULT PROGRAMMING

80 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 (1 m)
69082	10' Aviation cable kit with canopy, power cord & dimming wires
69405	Continuous row mounting connector
69398	Transparent end caps (set of 2)
69413	Wire guard kit 48"
70166	Reflector wings kit 48"
69396	Replacement lens 48"
69069	External mount PIR motion sensor (127-277 V only)
69080	Remote control for PIR motion sensor

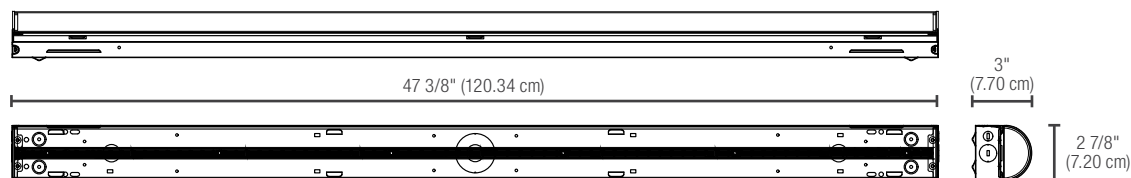
COMPATIBLE DIMMERS¹

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



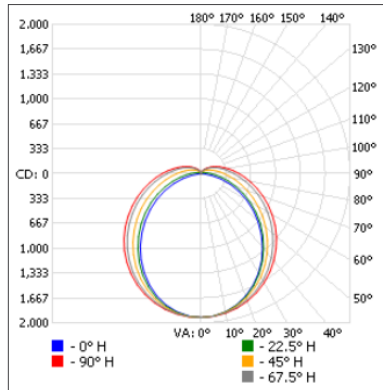
Net weight (lbs)	4.4
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PHOTOMETRIC DATA¹

70028 • L2STR-48LP80-Q/3C • 44 W • 4 000 K • 6 869.1 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 490.4	21.7
0-40	2 439.4	35.5
0-60	4 363.6	63.5
60-90	1 782	25.9
70-100	1 268.6	18.5
90-120	567.7	8.3
0-90	6 145.6	89.5
90-180	723.6	10.5
0-180	6 869.1	100

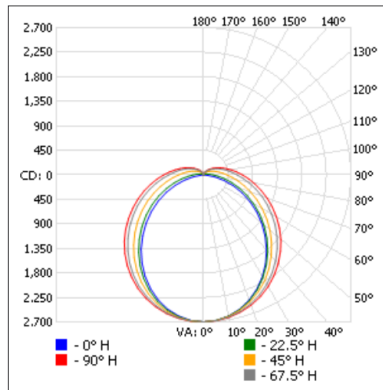
Illuminance at a distance

Center beam fc	Beam width
2.0'	482
4.0'	120.5
6.0'	53.6
8.0'	30.1
10.0'	19.3

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

70028 • L2STR-48LP80-Q/3C • 60 W • 4 000 K • 9 608.0 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	2 084.7	21.7
0-40	3 412	35.5
0-60	6 103.4	63.5
60-90	2 492.5	25.9
70-100	1 774.5	18.5
90-120	794.1	8.3
0-90	8 595.9	89.5
90-180	1 012.1	10.5
0-180	9 608	100

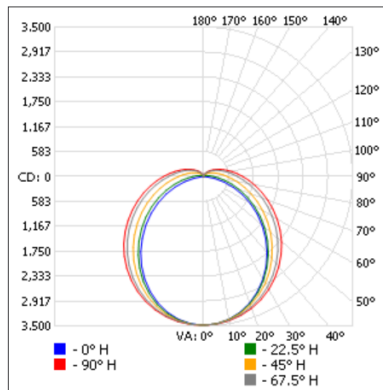
Illuminance at a distance

Center beam fc	Beam width
2.0'	647.2
4.0'	168.5
6.0'	74.9
8.0'	42.1
10.0'	27

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

70028 • L2STR-48LP80-Q/3C • 80 W • 4 000 K • 12 409.7 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	2 692.6	21.7
0-40	4 406.9	35.5
0-60	7 883.2	63.5
60-90	3 219.4	25.9
70-100	2 291.9	18.5
90-120	1 025.7	8.3
0-90	11 102.6	89.5
90-180	1 307.2	10.5
0-180	12 409.7	100

Illuminance at a distance

Center beam fc	Beam width
2.0'	870.8
4.0'	217.7
6.0'	96.8
8.0'	54.4
10.0'	34.8

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

¹ Complete IES files available on our website.

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