STANPRO

L2STN

LED STRIP WITH LENS
GEN. 2

These high quality luminaires are equipped with a frosted lens that diffuses the light comfortably. The L2STN Series is a great option for retrofitting your traditional fluorescent linear luminaires to balance performance, aesthetics, and cost.

FEATURES AND SPECIFICATIONS

- **Construction**

  Housing and finishing
  – Sleek and compact design ideal for installation in tight spaces
  – Steel white powder coating
  – Contoured frosted PMMA diffuser
  – Enclosed lens prevents penetration of dust, insects and other debris into the LED compartment

  Mounting
  – Surface or suspended (see accessories)

- **Technical specifications**
  – Easy to clean and service
  – Long life LEDs that provide 80+ CRI are available in 3 500 K, 4 000 K and 5 000 K color temperature
  – 0-10 V dimming standard
  – Canopy plate for octagonal junction box, mounting brackets and V-Hooks are included
  – Estimated lifespan of over 162 000 hours to L70
  – Ambient temperature: -20°C - + 55°C
  – Suitable for damp location

- **Compliances**
  – Meets requirements of ICES-005
  – Meets FCC requirements
  – cULus

OVERVIEW

Light source	LED
Watts (W)	40 - 75
Lumen output (lm)	5 088 - 9 900
Efficiency (lm/W)	124 - 132
Color temperature (K)	3 500, 4 000, 5 000
CRI	80+
Weight (lbs)	**48"**: 6.30, **96"**: 14.60

5 yr warranty

quick ship

LED fixture

dimmable fixture

damp location

ICES 005

cULus

FC

DLC QPL LISTED PREMIUM

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 ORDERING GUIDE ⌚[1]

Part number	Watts (W)	Volts (VAC)	Color temp. (K)[2]	Lumen output (lm)[3]	Efficiency (lm/W)	CRI	Life L70 (hrs)[4]	Tested hours LM80 (hrs)[4]	Dimming (Yes/No)	Power factor	THD (%)	Case qty (master)
48"												
L2STN-48LS4-Q/35K	40	120-347	3 500	5 088	127	80+	162 000	9 000	Yes	0.90	10	6
L2STN-48LS4-Q/40K	40	120-347	4 000	5 280	132	80+	162 000	9 000	Yes	0.90	10	6
96"												
L2STN-96LS1-Q/35K	65	120-347	3 500	8 076	124	80+	162 000	9 000	Yes	0.90	10	4
L2STN-96LS1-Q/40K	65	120-347	4 000	8 515	131	80+	162 000	9 000	Yes	0.90	10	4
L2STN-96LS2-W/35K	75	120-277	3 500	9 750	130	80+	162 000	9 000	Yes	0.90	10	4
L2STN-96LS2-W/40K	75	120-277	4 000	9 825	131	80+	162 000	9 000	Yes	0.90	10	4
L2STN-96LS2-W/50K	75	120-277	5 000	9 900	132	80+	162 000	9 000	Yes	0.90	10	4
L2STN-96LS2-H/35K	75	347	3 500	9 750	130	80+	162 000	9 000	Yes	0.90	10	4
L2STN-96LS2-H/40K	75	347	4 000	9 825	131	80+	162 000	9 000	Yes	0.90	10	4

[1] **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.
[2] Typical color temperature range: +/- 5 %.
[3] Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.
[4] Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

ACCESSORIES (order separately)

Part number	Type
BKT347	Suspension kit - 2 chains
BKT813	Continuous row mounting aligner for suspended installation
LEN376-4	Replacement lens 48"
LEN376-8	Replacement lens 96"
WGD076-4-H	Wireguard kit 48"
WGD076-8-H	Wireguard kit 96"

COMPATIBLE DIMMERS

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

Dimming range 10%-100%

NOTE: The above 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. Standard recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation. Some dimmers may require more than one product for stable operation. The maximum number of products is determined by the dimmer wattage rating with LEDs. Be careful, these dimmers have different ratings depending on the product type. Again, refer to the dimmer installation instructions.
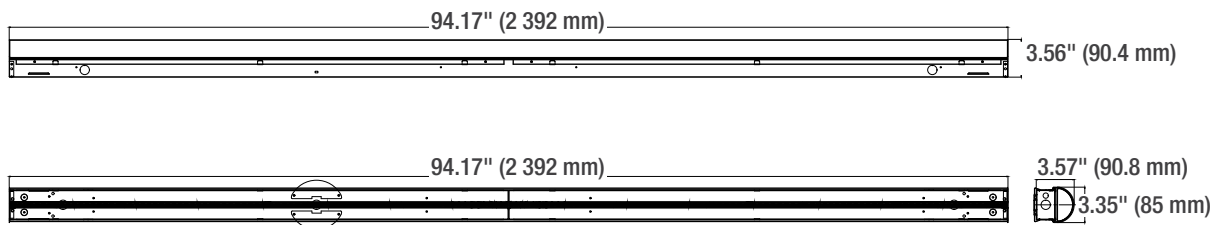
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.
All products are subject to change or may be discontinued any time without notice.

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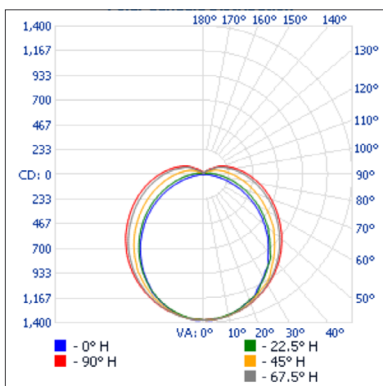L2STN • Rev. 4/3/2020
2233 rue de l'Aviation, Dorval, QC H9P 2X6
514.739.9984, 1.866.280.2332 • 1.866.265.8801 • www.stanprols.com STANPRO

DIMENSIONS

48"

3.57" (90.8 mm)

47.32" (1 202 mm)

3.57" (90.8 mm)
3.35" (85 mm)
85

96"

94.17" (2 392 mm)

3.56" (90.4 mm)

94.17" (2 392 mm)

3.57" (90.8 mm)
3.35" (85 mm)

PHOTOMETRIC DATA[1]

L2STN-48LS4-Q/40K 40W • 5 094.7 lm

Polar candela distribution

- 0° H
- 90° H
- 22.5° H
- 45° H
- 67.5° H

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 065.7	20.9%
0-40	1 750.3	34.4%
0-60	3 160.1	62%
60-90	1 373.4	27%
70-100	1 007.7	19.8%
90-120	461.5	9.1%
0-90	4 533.8	89%
90-180	560.9	11%
0-180	5 094.7	100%

Illuminance at a distance

	Center beam fc		Beam width	
17.0'	4.75 fc		44.4'	87.7'
34.0'	1.19 fc		88.7'	175.4'
51.0'	0.53 fc		133.1'	263.1'
68.0'	0.30 fc		177.4'	350.8'
85.0'	0.19 fc		221.8'	438.5'
102.0'	0.13 fc		266.1'	526.1'

Vert. spread: 105.1°
Horiz. spread: 137.6°

[1] Complete IES files available on our website.