

Project: \_\_\_\_\_

Type: \_\_\_\_\_

Drawn by: \_\_\_\_\_ Catalogue #: \_\_\_\_\_

Date: \_\_\_\_\_

## L2STN LED STRIP 3 CCT and 3 Power Selectable

### Optional Emergency Remote

The L2STN Series is a great option for retrofitting your traditional fluorescent linear luminaires to balance performance, aesthetics, and cost. These high-quality LED strip lights are equipped with a frosted lens that diffuses the light comfortably, and are ideal for a wide range of commercial and industrial applications.

### FEATURES AND SPECIFICATIONS

#### • Construction

##### Physical Characteristics

- Sleek and compact design ideal for installation in tight spaces
- 24 gauge white powder painted steel
- Frosted PMMA lens
- CCT and Power Selectable switches are placed discretely inside the housing

##### Mounting

- Surface, suspended or row mounted (see accessories)
- V-Hooks, canopy plate for octagonal junction box, and mounting brackets are included

#### • Performance Data

- Available in both 3 500 K and 4 000 K single color temperatures, or 3 500/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120 - 347 V, 120 - 277 V and 347 V
- Estimated life of over 162 000 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 Strip

- Consuming 11 W, 12 - 24 VDC
- 200 mA constant current
- Delivers 1 204 - 1 300 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 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

- cULus listed for damp locations
- DLC Premium
- Meets requirements of ICES-005 issue 5 class A for use in commercial applications



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> 5 year warranty for the LINK module.

### OVERVIEW

Light source	LED
Watts (W)	18 - 90
Lumen output (lm)	2 592 - 12 330
Efficacy (lm/W)	124 - 146
Color temperature (K)	3 500, 4 000, 5 000
CRI	80+
Weight (lbs)	24": 2.20, 48": 4.52, 96": 9.04

**QUICK SHIP AND TECHNICAL SPECIFICATION TABLE** 

Order code	Model number	DLC unique ID	Watts (W)	Volts (V AC)	Color temp. (K) <sup>1</sup>	Lumen output (lm) <sup>2</sup>	Efficacy (lm/W)	CRI	Life L70 (hrs) <sup>5</sup>	Tested hours LM-80 (hrs) <sup>5</sup>	Dimming (Yes/No)	Power factor	THD (%)	Master case qty
<b>24"</b>														
68119	L2STN-24LS1-Q/40K	PLI0ATDHZOFM	20	120-347	4 000	2 620	131	80+	162 000	9 000	Yes	0.90	10	6
<b>24" CCT Selectable</b>														
68539	L2STN-24LS1-Q/3C	PLBX7XSC4FM8	20	120-347	3 500/4 000/5 000	2 640 <sup>3</sup>	132	80+	190 000	9 000	Yes	0.90	10	6
<b>24" CCT Selectable with Emergency Remote Feature</b>														
69112	L2STN-24LS1-Q/3C/EL	-	11 <sup>6</sup>	120-347	3 500/4 000/5 000	2 640 <sup>3</sup>	132	80+	190 000	9 000	Yes	0.90	10	6
<b>48"</b>														
68123	L2STN-48LS3-Q/40K	PL7TPKU3RUVA	35	120-347	4 000	4 585	131	80+	162 000	9 000	Yes	0.90	10	6
68124	L2STN-48LS4-Q/35K	PLRWPCQ6T89B	40	120-347	3 500	5 088	127	80+	162 000	9 000	Yes	0.90	10	6
<b>48" CCT and Power Selectable</b>														
68540	L2STN-48LP40-Q/3C	PLSE5ZNSCI2I	18/30/40	120-347	3 500/4 000/5 000	2 610/4 170/5 320 <sup>4</sup>	132	80+	190 000	9 000	Yes	0.90	10	6
<b>48" CCT and Power Selectable with Emergency Remote Feature</b>														
69114	L2STN-48LP40-Q/3C/EL	-	11 <sup>6</sup>	120-347	3 500/4 000/5 000	2 610/4 170/5 320 <sup>4</sup>	132	80+	190 000	9 000	Yes	0.90	10	6
<b>96"</b>														
68127	L2STN-96LS1-Q/35K	PLK4L4CCS2LN	65	120-347	3 500	8 076	124	80+	162 000	9 000	Yes	0.90	10	1
68128	L2STN-96LS1-Q/40K	PL3LU2HFLPQI	65	120-347	4 000	8 515	131	80+	162 000	9 000	Yes	0.90	10	1
68130	L2STN-96LS2-H/35K	PLDN73W1YN1V	75	347	3 500	9 750	130	80+	162 000	9 000	Yes	0.90	10	1
68133	L2STN-96LS2-W/35K	PL92RHE5UI0J	75	120-277	3 500	9 750	130	80+	162 000	9 000	Yes	0.90	10	1
68134	L2STN-96LS2-W/40K	PLM5R034QEPG	75	120-277	4 000	9 825	131	80+	162 000	9 000	Yes	0.90	10	1
<b>96" CCT and Power Selectable</b>														
68541	L2STN-96LP90-Q/3C	PLEXJMJ8U1UT	65/75/90	120-347	3 500/4 000/5 000	9 230/10 425/12 240 <sup>4</sup>	135	80+	190 000	9 000	Yes	0.90	10	1

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

<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

<sup>3</sup> Lumen values are derived from DLC reported data at 3 500 K. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

<sup>4</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>5</sup> Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

<sup>6</sup> When in emergency mode, luminaire only consumes 11 W.

For emergency lighting spacing, please see page 5.

**LUMEN SPECIFICATION TABLE**

Order code	Model number	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)
68539	L2STN-24LS1-Q/3C	20	2 640	132	2 660	133	2 680	134
68540	L2STN-48LP40-Q/3C	18	2 592	144	2 610	145	2 628	146
		30	4 140	138	4 170	139	4 200	140
		40	5 280	132	5 320	133	5 360	134
68541	L2STN-96LP90-Q/3C	65	9 165	135	9 230	142	9 295	143
		75	10 350	138	10 425	139	10 500	140
		90	12 150	135	12 240	136	12 330	137

**DEFAULT PROGRAMMING**

68539: 4 000 K

68540: 40 W / 4 000 K

68541: 75 W / 4 000 K

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.

**ORDERING GUIDE**

Series	Size	Lamp type	Lumen package (W) <sup>1</sup>	Volts (V AC)	Color temp. (K)	Options
L2STN	24 - 24"	L- LED	S1 - 20	Q - 120-347	3C - 3 500/4 000/5 000 <sup>2</sup>	EL - LINK Normally ON emergency remote <sup>4,5</sup>
	48 - 48"		S3 - 35		40K - 4 000 <sup>3</sup>	
	96 - 96"		P40 - 18/30/40 S1 - 65 P90 - 65/75/90		3C - 3 500/4 000/5 000 <sup>2</sup>	

<sup>1</sup> See IES files or LUMEN SPECIFICATION TABLE for details.

<sup>2</sup> Only available with 24LS1, 48LP40 and 96LP90 lumen packages.

<sup>3</sup> Only available with 48LS3 and 96LS1 lumen packages.

<sup>4</sup> In emergency mode, half of the 96" luminaire will remain illuminated.

<sup>5</sup> When in emergency mode, luminaire only consumes 11 W.

For emergency lighting spacing, please see page 5.

**LINK TECHNICAL SPECIFICATION TABLE**

Size	Lumen package	Watts (W)	LINK Watts (W)	LINK Lumen output (lm)
24"	LS1	20	11	1 298
48"	LS3	35		1 216
		18		1 267
	LP40	30		1 277
		40		1 282
96"	LS1	65		1 204
		65		1 300
	LP90	75		1 243
		90		1 248

**COMPATIBLE DIMMERS<sup>1</sup>**

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

Dimming range: 10%-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.

**ACCESSORIES (order separately)**

Order code	Type
68676	Suspension kit - 2 chains (1 meter)
68677	Continuous row mounting connector
68678	Replacement lens 24"
68679	Replacement lens 48"
68680	Replacement lens 96"
68856	Wireguard kit 24"
68622	Wireguard kit 48"
68857	Wireguard kit 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.