

## L2WSN LED SPECIFICATION GRADE WRAPAROUND

Stanpro's L2WSN is ideally suited for a variety of commercial applications (schools, corridors, restrooms, etc.) where a decorative and robust fixture with efficient lighting is required. The fixture can be either surface or row mounted and is available in 48".

### FEATURES AND SPECIFICATIONS

#### • Construction

##### Housing & finishing

Die-formed cold rolled steel finished in post-painted high-gloss and high reflectance (85%) white.

##### Mounting

The fixture can be either surface or row mounted.

##### Lens

Prismatic acrylic R19 pattern (0.08" thickness).

##### LINK

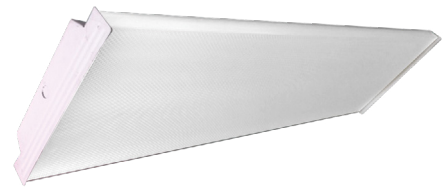
- This unit can be used with an emergency backup unit powered by battery. Please view the LINK brochure for more details on this technology.
- Patent pending

#### • Electrical

120-277 V or 347 V electronic driver with 0-10 V dimming is standard. Long-life LEDs that provide 80+ CRI are available in 3 500 K, 4 000 K and 5 000 K. Estimated lifespan of over 50 000 hours to L70.

#### • Compliances

- Meets requirements of ICES-005
- CSA Certified to C22.2 #250-13
- CSA Certified to C22.2#141-15 (When use with DL and LINK options)
- cCSAus



### OVERVIEW

Light source	LED
Watts (W)	38 - 52
Lumen output (lm)	3 796 - 5 659
Efficiency (lm/W)	101 - 146
Color temperature (K)	3 500, 4 000, 5 000
CRI	80+



link  
compatible\*



LED  
fixture



dimmable  
fixture



ICES  
005



\* 5 year warranty for the LINK module.

ORDERING GUIDE

L2WSN — 48 L

Series	Dimension	Lamp type	Lumen package <sup>1</sup> (lm)	Volts (V)	Color temp. (K)	Options
L2WSN	48 - 48"	L - LED	S1 S2	A - 120 H - 347 W - 120-277	35K - 3 500 40K - 4 000 50K - 5 000	DIM2 <sup>2</sup> - Line voltage dimming driver 120 V only DALI1 - Digital addressable lighting interface driver DL - Emergency backup 120-277 V only D - Diffuser Mylar (10% more diffusion) OS <sup>3</sup> - Occupancy sensor EL - LINK Emergency Power conversion module

<sup>1</sup> See technical specification table for details.

<sup>2</sup> Fixture functional in AC mode, when power goes off emergency battery unit powers LED boards. One battery unit per fixture is standard unless otherwise specified.

<sup>3</sup> To see available options, please consult the occupancy sensors section

LINK TECHNICAL SPECIFICATION TABLE

Lumen Package	LINK watts (W) <sup>1</sup>	3 500 K	4 000 K	5 000 K
		LINK lumen output (lm) <sup>2</sup>	LINK lumen output (lm) <sup>2</sup>	LINK lumen output (lm) <sup>2</sup>
S1	11	1 405	879	907
S2		827	859	886

<sup>1</sup> Maximum wattage per LINK unit 11 W

<sup>2</sup> Lumens based on calculated values. Specifications are subject to change at any time without notice.

TECHNICAL SPECIFICATION TABLE

Lumen package	Watts (W)	Volts (V)	3 500 K		4 000 K		5 000 K		CRI	Life L70 (hrs)	Tested hours LM-80 (hrs)
			Lumen (lm)	Efficiency (lm/W)	Lumen (lm)	Efficiency (lm/W)	Lumen (lm)	Efficiency (lm/W)			
LS1	28	120-277 347	3 796	136	3 955	141	4 081	146	80+	50 000	10 000
LS2	52		5 273	101	5 489	106	5 659	109	80+	50 000	10 000

OCCUPANCY SENSORS

ON-OFF SENSORS

Detection - On at (Detection Area) % during (Hold Time) min. Off

Part number	Position	Volts (V)	Technology	Height (ft)	Detection Area (%)	Hold time (min)	Daylight min level (lux)	Remote <sup>1</sup>
OSE-PO-0301	External	120-347	PIR	20-40	100	20	NA	
OSE-PO-0501	External	120-347	PIR	15-40	100	15	3 000	OSI-FSIR-100
OSE-PO-0502	External	120-347	PIR	15-40	100	15	3 000	

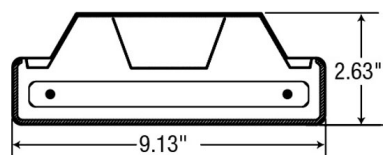
<sup>1</sup> To be ordered separately.

For more settings visit

[www.standardpro.com/documentation/technical-information/](http://www.standardpro.com/documentation/technical-information/)

DIMENSIONS

Cross Section View

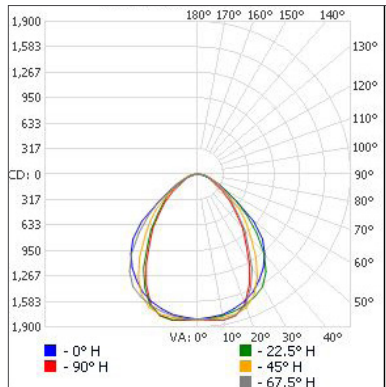


Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

**PHOTOMETRIC DATA<sup>1</sup>**

**L2WSN-48LS1-(H/W)-40K • 3 796.0 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 415.6	37.3%
0-40	2 205.7	58.1%
0-60	3 337.6	87.9%
60-90	441.4	11.6%
70-100	193.6	5.1%
90-120	12.3	0.3%
0-90	3 779.0	99.6%
90-180	17	0.4%
0-180	3 796.0	100%

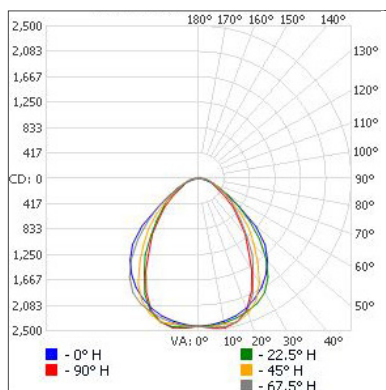
**Illuminance at a distance**

	Center beam fc	Beam width
1.7'	624 fc	3.7' 2.7'
3.3'	166 fc	7.2' 5.2'
5.0'	72.2 fc	10.9' 7.9'
6.7'	40.2 fc	14.7' 10.6'
8.3'	26.2 fc	18.2' 13.2'
10.0'	18.0 fc	21.9' 15.9'

■ Vert. spread: 95.1°  
■ Horiz. spread: 76.9°

**L2WSN-48LS2-(H/W)-40K • 5 268.0 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 900.1	36.1%
0-40	2 967.2	56.3%
0-60	4 510.8	85.6%
60-90	651.6	12.4%
70-100	317	6%
90-120	63.2	1.2%
0-90	5 162.4	98%
90-180	105.6	2%
0-180	5 268.0	100%

**Illuminance at a distance**

	Center beam fc	Beam width
1.7'	840	3.7' 2.7'
3.3'	223	7.2' 5.3'
5.0'	97.1	11.0' 8.0'
6.7'	54.1	14.7' 10.7'
8.3'	35.2	18.2' 13.7'
10.0'	24.3	21.9' 16.0'

■ Vert. spread: 95.2°  
■ Horiz. spread: 77.3°

<sup>1</sup> Complete IES files available on our website.

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