

Series Spec Sheet

L3PNP

LED PRO PANEL

1'X4', 2'X2', 2'X4'

Boasting a universal driver that can operate from 100 V to 347 V and high lumen packages, the commercial grade panels are the perfect solution to meet required light levels in any applications. Offering an extended warranty of 10 years is a testament to the quality of the edge-lit panels that we offer. Our L3PNP is an ideal replacement for fluorescent fixtures in offices, schools and commercial buildings.

FEATURES AND SPECIFICATIONS

• Construction

Housing and finishing

Frame is made of white aluminum alloy

Mounting

Recessed mount standard. Dry wall, surface and suspension kits available as accessories

• Specifications

Driver

- Available in 100-347 V
- 0-10 V dimming standard
- Compatible with LINK Emergency power conversion module

Beam angle

- **1'X4'**: V: 112.4°/ H: 112.1°
- **2'X2'**: V: 111.9°/ H: 112.4°
- **2'X4'**: V: 113°/ H: 112.5°

LINK

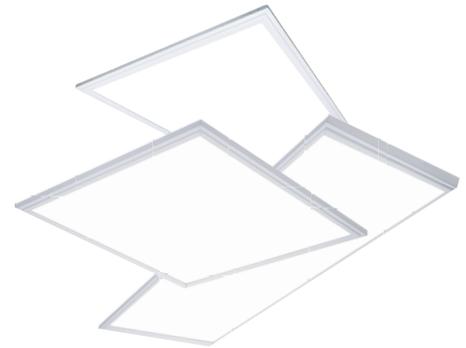
- This unit can be used with an emergency backup unit powered by battery. Please view the LINK brochure for more details on this technology
- Patent pending
- LINK not available in 30K

Ambient temperature

- -20°C ~ +40°C
- LINK option: -20°C ~ +25°C

• Compliances

- cETLus
- Damp location
- Meets requirements of ICES-005 for Class B products
- CSA Certified to C22.2#141-15 (When use with LINK option)
- Conforms to:
 - STANDARD METHOD OF TEST FOR SURFACE BURNING: CAN/ULC-S102.2-10
 - STANDARD METHOD OF FIRE TEST OF **LIGHT DIFFUSERS AND LENSES**: CAN/ULC-S102.3-07



OVERVIEW

Light source	LED
Watts (W)	38 - 49
Lumen output (lm)	4 084 - 6 024
Efficiency (lm/W)	100 - 129
Color temperature (K)	3 000, 3 500, 4 000, 5 000
CRI	80+
Weight (lbs)	1'X4' : 10.58, 2'X2' : 10.6, 2'X4' : 19.8



link compatible



LED fixture



dimmable fixture



damp location



ICES 005



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 AND TECHNICAL SPECIFICATION TABLE  ¹

Order code	Model number	DLC unique ID	Watts (W)	Volts (VAC)	Color temp. (K) ²	Lumen output (lm) ³	Efficiency (lm/W)	CRI	Life L70 (hrs) ⁴	Dimming (Yes/No)	Power factor	THD (%)	Case qty (master)
1'X4'													
68160	L3PNP-1LS2-Q/30K	PLPE6BWJ1WOP	41	100-347	3 000	4 094	100	80+	60 000	Yes	0.90	15	2
68162	L3PNP-1LS2-Q/40K	-	38	100-347	4 000	4 776	126	80+	60 000	Yes	0.88	18	2
2'X2'													
68164	L3PNP-2LS2-Q/30K	PLOYI6WQDP3S	40	100-347	3 000	4 272	107	80+	60 000	Yes	0.90	17	4
68165	L3PNP-2LS2-Q/35K	-	39	100-347	3 500	4 891	125	80+	60 000	Yes	0.89	19	4
68166	L3PNP-2LS2-Q/40K	-	39	100-347	4 000	4 936	127	80+	60 000	Yes	0.89	19	4
2'X4'													
68168	L3PNP-4LS1-Q/30K	PLLBR4UBZ768	49	100-347	3 000	5 282	108	80+	60 000	Yes	0.90	20	2
68169	L3PNP-4LS1-Q/35K	-	46	100-347	3 500	5 804	126	80+	60 000	Yes	0.91	17	2

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.

ORDERING GUIDE

L3PNP — [] — [] — [] / [] / []

Series	Size	Lumen package delivered ¹	Volts (V)	Color temp. (K)	Options ³
L3PNP	1 - 1'X4'	LS2	Q - 100 - 347	35K - 3 500	EL ² - LINK Emergency power conversion module
	2 - 2'X2'			40K - 4 000	
	4 - 2'X4'	LS1		50K - 5 000	

¹ For technical data please refer to the quick ship and technical specification data table.

² Please check Link Technical Specifications Table for delivery lumens with /EL option.

³ Consult lead time when options are added.

LINK TECHNICAL SPECIFICATIONS TABLE

Lumen package	LINK Watts (W)	3 500 K	4 000 K	5 000 K
		LINK lumen output (lm) ²	LINK lumen output (lm) ²	LINK lumen output (lm) ²
1LS2	11	952	963	985
2LS2		976	985	1003
4LS1		1095	1109	1137

¹ Maximum wattage per LINK Unit 11W

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

COMPATIBLE DIMMERS

Brand	Model Number
LEVITON	DS710-LFZ
LUTRON	DVSTV-WH
EUCHIPS	Walldim103
COOPER	SF10P
HUBBELL	LHD-IRS3-N-WH

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. Stanpro 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.

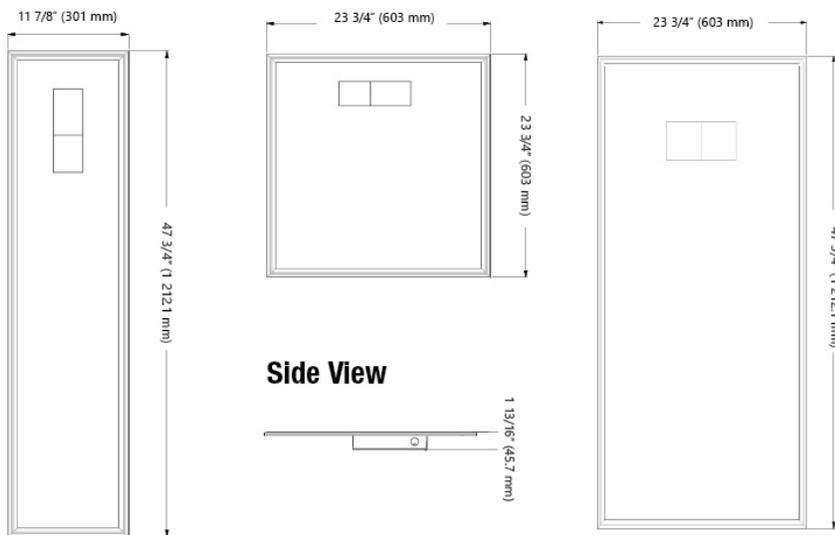
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

ACCESSORIES (order separately)

Part number	Type	Compatible with
PF-DWK-1X4	Drywall kit	1'X4'
PF-DWK-2X2	Drywall kit	2'X2'
PF-DWK-2X4	Drywall kit	2'X4'
CAS896-1	Surface kit	1'X4'
CAS896-2	Surface kit	2'X2'
CAS896-4	Surface kit	2'X4'
KIT-SUS-14/24	4.5' Aviation cable	1'X4', 2'X4'
KIT-SUS-22	4.5' Aviation cable	2'X2'

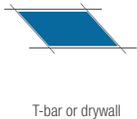
DIMENSIONS

Top View

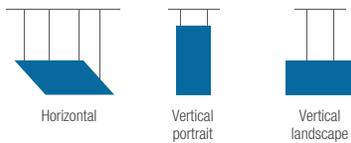


MOUNTING

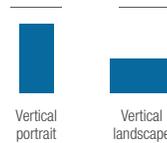
RECESSED (standard)



SUSPENDED (adjustable height)



SURFACE

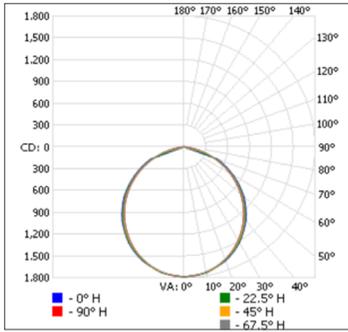


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PHOTOMETRIC DATA¹

68162 - L3PNP-1LS2-Q/40K • 4 774.6 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 381.1	28.9%
0-40	2 257.3	47.3%
0-60	3 964.2	83%
60-90	810.4	17%
0-90	4 774.6	100%

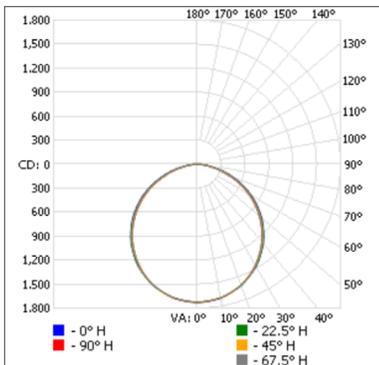
Illuminance at a distance

Center beam fc	Beam width	
	6.0'	5.6'
2.0'	446.8	12.0'
4.0'	111.7	17.9'
6.0'	49.6	23.9'
8.0'	27.9	29.9'
10.0'	17.9	28.0'

■ Vert. spread: 112.4° ■ Hor. spread: 109.0°

68166 - L3PNP-2LS2-Q/40K • 4 934.7 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 342.8	27.2%
0-40	2 202.7	44.6%
0-60	3 905.1	79.1%
60-90	1 029.6	20.9%
0-90	4 934.7	100%

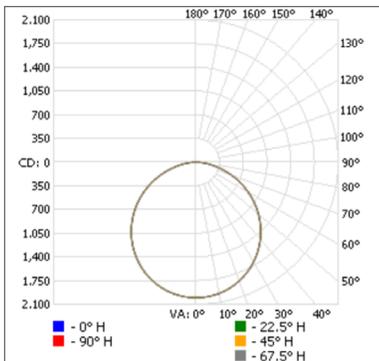
Illuminance at a distance

Center beam fc	Beam width	
	6.2'	5.9'
2.0'	432.0	12.4'
4.0'	108.0	18.7'
6.0'	48.0	24.9'
8.0'	27.0	31.1'
10.0'	17.3	29.5'

■ Vert. spread: 114.5° ■ Hor. spread: 111.7°

68169 - L3PNP-4LS1-Q/35K • 5 802.9lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 558.1	26.9%
0-40	2 556.7	44.1%
0-60	4 542.1	78.3%
60-90	1 260.8	21.7%
0-90	5 802.9	100%

Illuminance at a distance

Center beam fc	Beam width	
	6.1'	6.1'
2.0'	500.1	12.2'
4.0'	125.0	18.3'
6.0'	55.6	24.3'
8.0'	31.3	30.4'
10.0'	20.0	30.5'

■ Vert. spread: 113.4° ■ Hor. spread: 113.5°

¹ Complete IES files available on our website.

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