

Series Spec Sheet

L3PNC

LED CHOICE PANEL

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

The L3PNC Panels operate from 100 V to 277 V and have an ultra-thin profile. The sleek and modern design is easily and quickly installed. These commercial grade panels are the perfect solution to meet required light levels in any application. Our L3PNC are perfect for offices, schools and commercial buildings.

FEATURES AND SPECIFICATIONS

• Construction

Housing

Frame is made of white aluminum alloy

Mounting

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

• Specifications

Driver

- Available in 100-277 V
- 0-10 V dimming standard
- Emergency Backup (DL) available as an option
- Compatible with LINK Emergency power conversion module

Beam angle

- **1'X4'**: V: 112.9° / H: 113.2°
- **2'X2'**: V: 113.8° / H: 113°
- **2'X4'**: V: 112.8° / H: 113.3°

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

- cULus
- Damp location
- Meets requirements of ICES-005 for Class B products
- CSA Certified to C22.2#141-15 (When use with LINK and DL 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)	37 - 50
Lumen output (lm)	3 969 - 5 430
Efficiency (lm/W)	104 - 112
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



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.

* 5 year warranty for the LINK module.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE  ¹

Order code	Description	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)
1x4													
68148	L3PNC-1LS2-W/30K	PLHYVQC8M18T	37	100-277	3 000	3 969	107	80+	60 000	Yes	0.88	12.67	2
68149	L3PNC-1LS2-W/35K	PLMR1FYZ1QYE	38	100-277	3 500	4 102	108	80+	60 000	Yes	0.88	12.67	2
68150	L3PNC-1LS2-W/40K	PL2NTXX012FU	38	100-277	4 000	4 235	111	80+	60 000	Yes	0.88	12.67	2
68151	L3PNC-1LS2-W/50K	PL7S890GI3AH	39	100-277	5 000	4 368	112	80+	60 000	Yes	0.90	13.28	2
2x2													
68152	L3PNC-2LS2-W/30K	PLTEZE55QMDI	40	100-277	3 000	4 272	107	80+	60 000	Yes	0.90	16.83	4
68153	L3PNC-2LS2-W/35K	PWSPXGNH	39	100-277	3 500	4 394	113	80+	60 000	Yes	0.90	14.3	4
68154	L3PNC-2LS2-W/40K	PREJF5H4	39	100-277	4 000	4 178	107	80+	60 000	Yes	0.90	16.83	4
68155	L3PNC-2LS2-W/50K	PHV92SG8	40	100-277	5 000	4 323	108	80+	60 000	Yes	0.90	16.91	4
2x4													
68156	L3PNC-4LS1-W/30K	PLRLEI6EV524	49	100-277	3 000	5 077	104	80+	60 000	Yes	0.93	12.46	2
68157	L3PNC-4LS1-W/35K	PLW5EMPZBQBM	49	100-277	3 500	5 255	111	80+	60 000	Yes	0.93	13.8	2
68158	L3PNC-4LS1-W/40K	PLNMF8RCLJ47	49	100-277	4 000	5 312	108	80+	60 000	Yes	0.93	12.46	2
68159	L3PNC-4LS1-W/50K	PLXWDA1LNACC	50	100-277	5 000	5 430	109	80+	60 000	Yes	0.92	14.71	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

L3PNC — — — — / /

Series	Dimension	Lumen Package Delivered ¹	Volts (V)	Color Temperature	Options
L3PNC	1 ² - 1'X4' 2 ³ - 2'X2' 4 ² - 2'X4'	LS2 LS1	W - 100 - 277	35K - 3 500 40K - 4 000 50K - 5 000	ARTXXX ¹ - Artwork DL ⁴ - Emergency back up EL ⁵ - LINK Emergency power conversion module

¹ Customer to supply the artwork, which is a high resolution image of at least 300 DPI or EPS (Vector format).

² Offered in recessed and surface mounting only when select /DL option.

³ Offered in recessed mounting only when select /DL option.

⁴ No Suspended mounting available when select /DL Option.

⁵ Please check Link Technical Specifications Table for delivery lumens with /EL option.

LINK TECHNICAL SPECIFICATIONS TABLE

Lumen package	LINK Watts (W) ¹	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	804	830	856
2LS2		804	819	847
4LS1		961	983	1005

¹ Maximum wattage per LINK Unit 11W

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

ACCESSORIES (order separately)

Part number	Type	Compatible with
63490	Drywall kit	1'X4'
67164	Drywall kit	2'X2'
63491	Drywall kit	2'X4'
64826	Surface kit	1'X4'
64825	Surface kit	2'X2'
64827	Surface kit	2'X4'
64829	Suspension Kit - 4.5' Aviation Cable	1'X4', 2'X4'
64828	Suspension Kit - 4.5' Aviation Cable	2'X2'

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.

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.

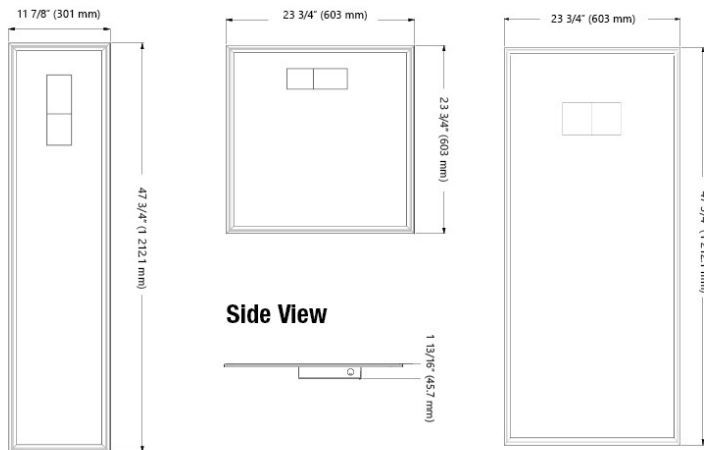
ART OPTION

Transform your LED panel into a versatile advertising and signage solution by adding a branded graphic film to promote your brand.



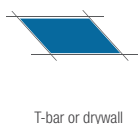
DIMENSIONS

Top View

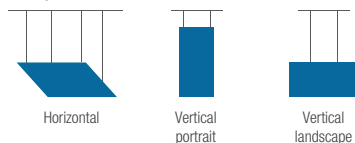


MOUNTING

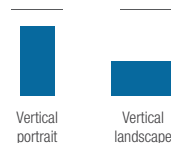
RECESSED (standard)



SUSPENDED (adjustable height)



SURFACE

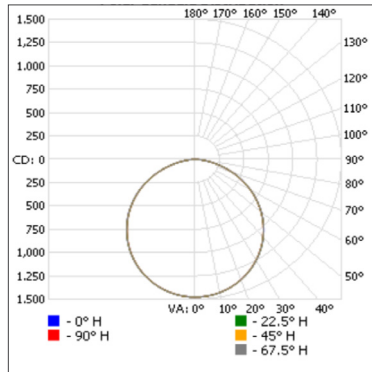


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PHOTOMETRIC DATA¹

68150 • L3PNC-1LS2-W/40K • 4233.7 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 146.5	27.1
0-40	1 879.6	44.4
0-60	3 332.6	78.7
60-90	901.1	21.3
0-90	4 233.7	100

Illuminance at a distance

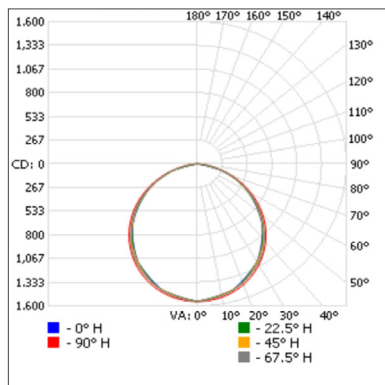
Center beam fc	Beam width
2.0'	369.2
4.0'	92.3
6.0'	41.0
8.7'	23.1
10.0'	14.8

Beam width	Beam width
4.9'	6.0'
9.4'	12.0'
14.6'	18.1'
19.2'	24.1'
28.6'	30.1'

■ Vert. spread: 114.2°
■ Horiz. spread: 112.8°

68154 • L3PNC-2LS2-W/40K • 4176.8 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 186.4	28.4
0-40	1 938.4	46.4
0-60	3 394.2	81.3
60-90	782.6	18.7
0-90	4 176.8	100

Illuminance at a distance

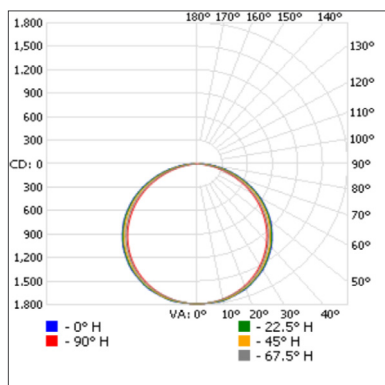
Center beam fc	Beam width
2.0'	387.4
4.0'	96.9
6.0'	43.0
8.7'	24.2
10.0'	15.5

Beam width	Beam width
5.5'	5.9'
11.0'	11.8'
16.4'	17.7'
21.9'	23.7'
27.4'	29.6'

■ Vert. spread: 107.7°
■ Horiz. spread: 111.9°

68158 • L3PNC-4LS1-W/40K • 5310.6 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 402.7	26.4
0-40	2 307.1	43.4
0-60	4 117.5	77.5
60-90	1 193.1	22.5
0-90	5 310.6	100

Illuminance at a distance

Center beam fc	Beam width
2.0'	447.8
4.0'	111.9
6.0'	49.8
8.7'	28.0
10.0'	17.9

Beam width	Beam width
6.7'	5.8'
13.4'	11.5'
20.1'	17.3'
26.8'	23.0'
33.6'	28.8'

■ Vert. spread: 118.4°
■ Horiz. spread: 110.4°

¹ Complete IES files available on our website.

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