

## L3PNL

### RECESSED LED IC PANEL

1'x4', 2'x2', 2'x4'

L3PNL is a series of energy-saving, super bright and environmentally friendly panel lights. The beam was designed with a wide angle to help provide a uniform light output making it comfortable to the eye and an ideal replacement for fluorescent fixtures in offices, schools and a variety of other commercial or industrial applications. Designed for insulated ceiling applications for general and task lighting.

#### FEATURES AND SPECIFICATIONS

##### • Construction

###### Housing and finishing

Frame is made of aluminum with a white finish. Comes complete with earthquake clips.

###### Mounting

Recessed inverted T-Bar ceilings, grid mount. Dry wall and surface kits available as options.

##### • Electrical

120-277 V and 120-347 V electronic driver with 0-10 V dimming standard. Long life LED that provide 80+ CRI, standard in 3 000 K, 3 500 K, 4 000 K and 5 000 K. Estimated lifespan of over 60 000 hours to L70. Color consistency (SDCM) is 3 step MacAdam ellipse.

**Emergency back up available contact factory.**

###### Ambient temperature

– Working temperature: -20°C ~ +45°C

– Storage temperature: -25°C ~ +65°C

###### Beams

– Beam angle: 120°

##### • Compliances

– cULus

– cCSAus listed for damp location

– Meets requirements of ICES-005

– 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)	40 - 60
Lumen output (lm)	4 513 - 6 600
Efficiency (lm/W)	105 - 119
Color temperature (K)	3 000, 3 500, 4 000, 5 000
CRI	80+
Weight (lbs)	1x4: 11.5, 2x2: 11, 2x4: 20

**10** yr  
PR warranty



quick  
ship



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](http://www.designlights.org/search).

**QUICK SHIP AND TECHNICAL SPECIFICATION TABLE**  <sup>1</sup>

Part number	DLC unique ID	Watts (W)	Volts (VAC)	Color temp. (K) <sup>2</sup>	Lumen output (lm) <sup>3</sup>	Efficiency (lm/W)	CRI	Life L70 (hrs) <sup>4</sup>	Tested hours LM-80 (hrs) <sup>4</sup>	Dimming (Yes/No)	Power factor	THD (%)	Case qty (master)
<b>1'x4'</b>													
L3PNL-1LS2-W/30K	PU8N4QKN	45	120-277	3 000	5 032	111	80+	>60 000	10 000	Yes	0.90	21	4
L3PNL-1LS2-W/35K	PUR9J42C	45	120-277	3 500	4 950	110	80+	>60 000	10 000	Yes	0.90	21	4
L3PNL-1LS2-W/40K	P1FCVFJG	45	120-277	4 000	5 175	115	80+	>60 000	10 000	Yes	0.90	21	4
L3PNL-1LS2-W/50K	PTPTDC8P	45	120-277	5 000	5 175	115	80+	>60 000	10 000	Yes	0.90	21	4
L3PNL-1LS2-Q/30K	PY3QBHUM	40	120-347	3 000	4 513	111	80+	>60 000	10 000	Yes	0.90	17	4
L3PNL-1LS2-Q/35K	P2HM631K	40	120-347	3 500	4 400	110	80+	>60 000	10 000	Yes	0.90	17	4
L3PNL-1LS2-Q/40K	PX9A7QXA	40	120-347	4 000	4 400	110	80+	>60 000	10 000	Yes	0.90	17	4
L3PNL-1LS2-Q/50K	P2ZEWPR5	40	120-347	5 000	4 400	110	80+	>60 000	10 000	Yes	0.90	19	4
<b>2'x2'</b>													
L3PNL-2LS2-W/30K	PXVDY3HV	45	120-277	3 000	4 899	108	80+	>60 000	10 000	Yes	0.90	21	4
L3PNL-2LS2-W/35K	PJCYFJPT	45	120-277	3 500	4 950	110	80+	>60 000	10 000	Yes	0.90	21	4
L3PNL-2LS2-W/40K	PNEHG6Z3	45	120-277	4 000	5 175	115	80+	>60 000	10 000	Yes	0.90	21	4
L3PNL-2LS2-W/50K	PW6GH488	45	120-277	5 000	5 175	115	80+	>60 000	10 000	Yes	0.90	20	4
L3PNL-2LS2-Q/30K	P9GC9BQD	40	120-347	3 000	4 572	119	80+	>60 000	10 000	Yes	0.92	18	4
L3PNL-2LS2-Q/35K	PAWX6WW2	40	120-347	3 500	4 400	110	80+	>60 000	10 000	Yes	0.94	15	4
L3PNL-2LS2-Q/40K	PGP66C9H	40	120-347	4 000	4 600	115	80+	>60 000	10 000	Yes	0.94	15	4
L3PNL-2LS2-Q/50K	PBJZH9AD	40	120-347	5 000	4 600	115	80+	>60 000	10 000	Yes	0.94	15	4
<b>2'x4'</b>													
L3PNL-4LS0-W/40K	PLWWWVS804LWC	40	120-277	4 000	4 600	115	80+	>60 000	10 000	Yes	0.94	14	4
L3PNL-4LS1-W/30K	P4JVSXDY	60	120-277	3 000	6 446	105	80+	>60 000	10 000	Yes	0.90	19	4
L3PNL-4LS1-W/35K	PEZBDYS2	60	120-277	3 500	6 300	105	80+	>60 000	10 000	Yes	0.90	1	4
L3PNL-4LS1-W/40K	P1V6BF13	60	120-277	4 000	6 600	110	80+	>60 000	10 000	Yes	0.90	19	4
L3PNL-4LS1-W/50K	P4REVPJ	60	120-277	5 000	6 600	110	80+	>60 000	10 000	Yes	0.90	19	4
L3PNL-4LS1-Q/30K	PPUEEVDB	60	120-347	3 000	6 747	111	80+	>60 000	10 000	Yes	0.90	18	4
L3PNL-4LS1-Q/35K	PQ75VF81	60	120-347	3 500	6 600	110	80+	>60 000	10 000	Yes	0.90	18	4
L3PNL-4LS1-Q/40K	P1MZQX6R	60	120-347	4 000	6 600	110	80+	>60 000	10 000	Yes	0.90	18	4
L3PNL-4LS1-Q/50K	PCSZ34CV	60	120-347	5 000	6 600	110	80+	>60 000	10 000	Yes	0.90	18	4

<sup>1</sup> **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.

<sup>2</sup> Typical color temperature range: +/- 5 %.

<sup>3</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

<sup>4</sup> 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
PF-DWK-1X4	Drywall kit for 1x4
PF-DWK-2X2	Drywall kit for 2x2
PF-DWK-2X4	Drywall kit for 2x4
CAS896-1	Surface kit led panel light 1x4
CAS896-2	Surface kit led panel light 2x2
CAS896-4	Surface kit led panel light 2x4
KIT-ACC-10-DIM	10' Suspension cable kit with canopy and dimming wire
KIT-ACC-10	10' Suspension cable kit with canopy (no dimming)
KIT-AC-10	10' Suspension aviation cable (no canopy, no dimming)

**COMPATIBLE DIMMERS**

Brand	Model number
Leviton Dimmer	DS710
Legrand/Wattstopper	WS4 FBL 3P
Lutron dimmer	NOVA NTSTV DV
Lutron dimmer	PP-347H
Lutron dimmer	DVSTV-WH

 This warranty is conditioned upon proper installation, use and maintenance.

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.

Transform your LED panel into a versatile advertising and signage solution by adding a branded graphic film to promote your brand. Fill the mounting table, the quantity required and the panel's characteristics on the product guide.

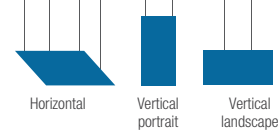
## MOUNTING

### RECESSED (standard)



T-bar or drywall

### SUSPENDED (adjustable height)



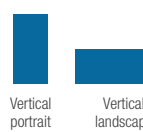
Horizontal

Vertical portrait

Vertical landscape

Suspension kit:  
Aviation cable and power cable

### SURFACE



Vertical portrait

Vertical landscape



Mounting		Quantity
Recessed	Blank	
Suspended	Horizontal (ceiling)	
	Vertical portrait	
	Vertical landscape	
Surface	Vertical portrait	
	Vertical landscape	

## ORDERING GUIDE

Series	Size	Lumen package <sup>1</sup> (lm)	Volts (V)	Color temperature (K)	Options
L3PNL	1 - 1'x4'	LS2 - 5 032 (45 W)	W - 120-277	30K - 3 000	ART - Artwork <sup>3</sup>
	2 - 2'x2'	LS2 - 4 899 (45 W)	Q - 120-347	35K - 3 500	
	4 - 2'x4'	LS0 - 4 600 (40 W) <sup>2</sup> LS1 - 6 446 (60 W)		40K - 4 000 (standard) 50K - 5 000	

<sup>1</sup> Approximate lumens at 3 000 K - 120-277 V. Please consult IES files for details.

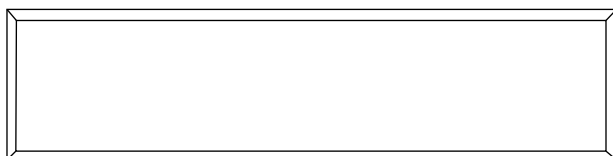
<sup>2</sup> Only available in 4 000 K - 120-277 V.

<sup>3</sup> Images for Artwork: Customer to supply the artwork, which is a high resolution image of at least 300 dpi or EPS (Vector format).

**QUICK SHIP:** Not all products are Quick Ship. To view our Quick Ship qualified products, please consult our Quick Ship Product Guide at [stanprols.com/quick-ship-product-guide](http://stanprols.com/quick-ship-product-guide). Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

## DIMENSIONS

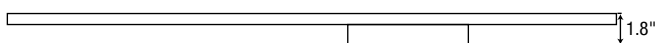
### TOP VIEW



Dimensions	
1'x4'	47.75" x 11.81"
2'x2'	23.74" x 23.74"
2'x4'	47.75" x 23.74"



### SIDE VIEW

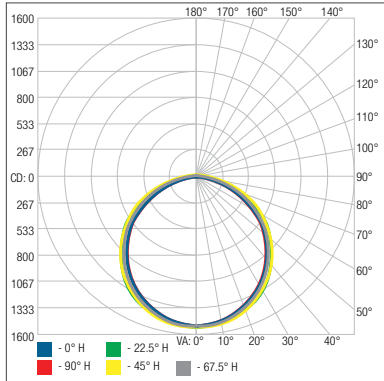


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**PHOTOMETRIC DATA<sup>1</sup>**

**L3PNL-1LS2-Q/40K • 4 598.2 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 193.6	26%
0-40	1 963.1	42.7%
0-60	3 509.0	76.3%
60-90	1 038.6	22.6%
70-100	469.2	10.2%
90-120	17.8	0.4%
0-90	4 547.6	98.9%
90-180	50.5	1.1%
0-180	4 598.2	100%

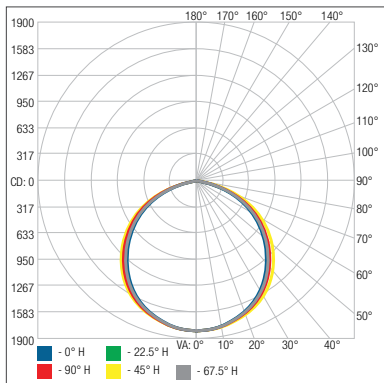
**Illuminance at a distance**

Center beam fc	Beam width	
1.7'	530 fc	4.9'
3.3'	141 fc	9.6'
5.0'	61.2 fc	14.6'
6.7'	34.1 fc	19.5'
8.3'	22.2 fc	24.2'
10.0'	15.3 fc	29.1'

Vert. spread: 111.0°

**L3PNL-1LS2-W/40K • 5 341.2 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 408.0	26.4%
0-40	2 313.7	43.3%
0-60	4 115.8	77.1%
60-90	1 167.5	21.9%
70-100	510.3	9.6%
90-120	18.7	0.4%
0-90	5 283.3	98.9%
90-180	57.9	1.1%
0-180	5 341.2	100%

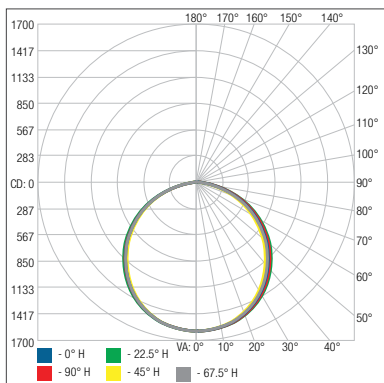
**Illuminance at a distance**

Center beam fc	Beam width	
1.7'	624 fc	5.2'
3.3'	166 fc	10.1'
5.0'	72.2 fc	15.4'
6.7'	40.2 fc	20.6'
8.3'	26.2 fc	25.5'
10.0'	18.0 fc	30.7'

Vert. spread: 113.9°

**L3PNL-2LS2-Q/40K • 4 713.0 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 253.8	26.6%
0-40	2 054.7	43.6%
0-60	3 636.4	77.2%
60-90	1 026.7	21.8%
70-100	453.2	9.6%
90-120	15.9	0.3%
0-90	4 663.1	98.9%
90-180	49.9	1.1%
0-180	4 713.0	100%

**Illuminance at a distance**

Center beam fc	Beam width	
1.7'	558 fc	5.1'
3.3'	148 fc	9.9'
5.0'	64.6 fc	15.1'
6.7'	36.0 fc	20.2'
8.3'	23.4 fc	25.0'
10.0'	16.1 fc	30.1'

Vert. spread: 112.8°

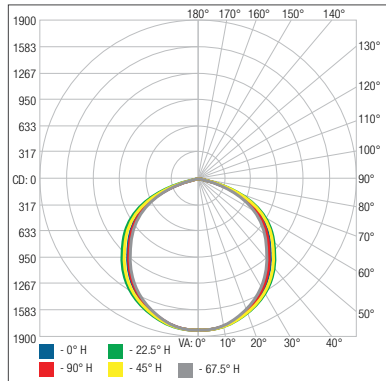
<sup>1</sup> Complete IES files available on our website.

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**PHOTOMETRIC DATA<sup>1</sup> (cont'd)**

**L3PNL-2LS2-W/40K • 5 343.6 lm**

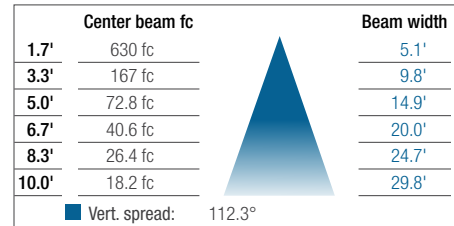
**Polar candela distribution**



**Zonal lumen summary**

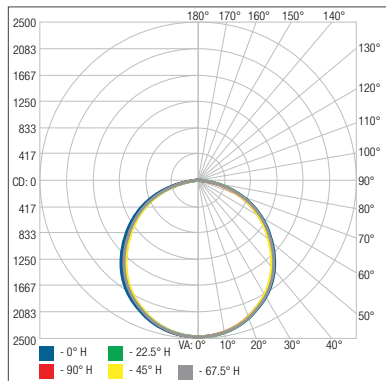
Zone	Lumens	% Fixture
0-30	1 415.3	26.5%
0-40	2 319.2	43.4%
0-60	4 107.0	76.9%
60-90	1 179.1	22.1%
70-100	524.4	9.8%
90-120	18.9	0.4%
0-90	5 286.1	98.9%
90-180	57.5	1.1%
0-180	5 343.6	100%

**Illuminance at a distance**



**L3PNL-4LS1-Q/40K • 7 276.4 lm**

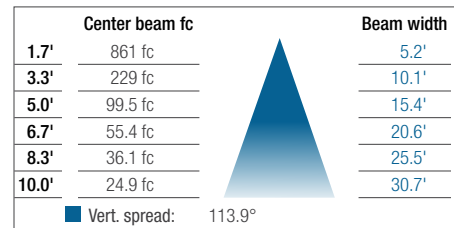
**Polar candela distribution**



**Zonal lumen summary**

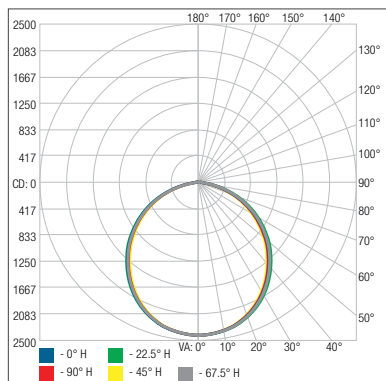
Zone	Lumens	% Fixture
0-30	1 934.4	26.6%
0-40	3 171.3	43.6%
0-60	5 621.1	77.3%
60-90	1 588.7	21.8%
70-100	699.9	9.6%
90-120	23.4	0.3%
0-90	7 209.8	99.1%
90-180	66.6	0.9%
0-180	7 276.4	100%

**Illuminance at a distance**



**L3PNL-4LS1-W/40K • 7 023.0 lm**

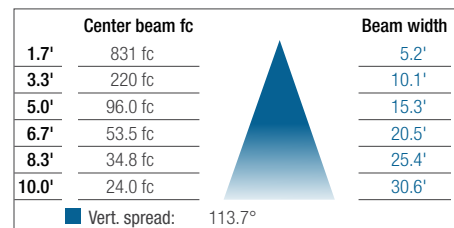
**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 866.3	26.6%
0-40	3 059.7	43.6%
0-60	5 426.6	77.3%
60-90	1 533.2	21.8%
70-100	672.9	9.6%
90-120	22.2	0.3%
0-90	6 959.8	99.1%
90-180	63.7	0.9%
0-180	7 023.5	100%

**Illuminance at a distance**



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

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