

Project: _____

Type: _____

Drawn by: _____ Catalogue #: _____

Date: _____

Series Spec Sheet

L3PNV

LED BACKLIT PANEL

5 CCT and 5 Power Selectable

Stanpro's L3PNV LED panel lights utilize next-generation back-lit technology, ensuring high performance, superior uniformity, and reduced glare. With the 5 colour temperature and 5 power selectable feature, L3PNV series is a cost-effective solution for reducing stocking inventory. The sleek trim design provides a modern frameless look in recessed ceilings, makes it an ideal replacement for traditional fluorescent fixtures in offices, schools, and commercial buildings.

FEATURES AND SPECIFICATIONS

• Construction

Physical Characteristics

- White steel housing
- PMMA LED lens
- CCT and Power Select switches are placed on the driver box

Mounting

- Recessed, suspended, surface

• Performance Data

- Available in 3 000/3 500/4 000/5 000/6 500 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 174 000 hours to L70
- 0-10 V dimming standard (dimming range: 5% -100%)
- 1 kV surge protection
- Operating temperature: -20 °C to 35 °C (-4 °F to 95 °F)

• Compliances

- cULus listed for damp locations
- DLC Standard
- IC rated
- Meets requirements of ICES-005 issue 5 for Class B products
- Conforms to NSF and certified to be used in food handling applications
- Conforms to:
 - CAN/ULC-S102.3:2018(R2023) Standard method of fire test of light diffusers and lenses
 - CAN/ULC-S102.2-10 Standard method of test for surface burning characteristics of flooring, floor coverings, and miscellaneous materials and assemblies



dimmable



damp location



IC rated



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.

OVERVIEW

Light source	LED
Watts (W)	20/25/30/35/40 W 30/35/40/45/50 W
Lumen output (lm)	2 191 - 5 612
Efficacy (lm/W)	111 - 128
Color temperature (K)	3 000/3 500/4 000/5 000/6 500
CRI	80+

This lighting equipment meets requirements of ICES-005 issue 5 class B for use in residential applications. Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

Order code	Model number	DLC unique ID	Watts (W)	Volts (V AC)	Color temp. (K) ¹	Lumen output (lm) ^{2,3}	Efficacy (lm/W)	CRI	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Dimming (Yes/No)	Power factor	THD (%)	Case qty (master)
1'X4'														
70010	L3PNV-1LPS40-Q/5C/CHOICE	S-H84KS2	20/25/30/35/40	120-347	3 000/3 500/4 000/ 5 000/6 500	2 288/2 955/3 585/ 4 025/4 477	110	≥80	174 000	10 000	Yes	0.9	<20	2
2'X2'														
70011	L3PNV-2LPS40-Q/5C/CHOICE	S-WQWNG5	20/25/30/35/40	120-347	3 000/3 500/4 000/ 5 000/6 500	2 226/2 882/3 488/ 3 938/4 397	110	≥80	174 000	10 000	Yes	0.9	<20	2
2'X4'														
70012	L3PNV-4LPS50-Q/5C/CHOICE	S-78LZ77	30/35/40/45/50	120-347	3 000/3 500/4 000/ 5 000/6 500	3 639/4 074/4 494/ 5 130/5 526	110	≥80	174 000	10 000	Yes	0.9	<20	2

¹ Typical color temperature range: +/- 5 %.² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

Standard packaging is 2 panels per master case without individual box.

LUMEN SPECIFICATION TABLE

Order code	Model number	Watts (W)	3 000 K		3 500 K		4 000 K		5 000 K		6 500 K	
			Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)
70010	L3PNV-1LPS40-Q/5C/CHOICE	20	2 218	120	2 251	121	2 288	123	2 333	126	2 370	128
		25	2 866	118	2 908	120	2 955	122	3 011	124	3 058	126
		30	3 464	116	3 533	118	3 585	120	3 649	122	3 700	124
		35	3 911	114	3 974	116	4 025	117	4 101	120	4 155	122
70011	L3PNV-2LPS40-Q/5C/CHOICE	40	4 389	112	4 416	114	4 477	115	4 554	118	4 609	120
		20	2 198	120	2 191	121	2 226	123	2 267	125	2 294	127
		25	2 862	119	2 836	119	2 882	121	2 931	123	2 965	125
		30	3 465	117	3 438	117	3 488	119	3 553	121	3 587	122
70012	L3PNV-4LPS50-Q/5C/CHOICE	35	3 906	114	3 893	115	3 938	117	4 010	119	4 045	120
		40	4 399	112	4 332	113	4 397	114	4 475	117	4 515	118
		30	3 535	117	3 584	119	3 639	121	3 699	123	3 752	126
		35	3 961	116	4 013	118	4 074	120	4 145	122	4 200	124
		40	4 360	115	4 426	117	4 494	118	4 573	121	4 633	123
		45	4 975	112	5 115	116	5 130	116	5 216	118	5 277	120
		50	5 385	111	5 449	112	5 526	114	5 612	117	5 599	114

DEFAULT PROGRAMMING

70010 - 40 W / 4 000 K

70011 - 40 W / 4 000 K

70012 - 50 W / 4 000 K

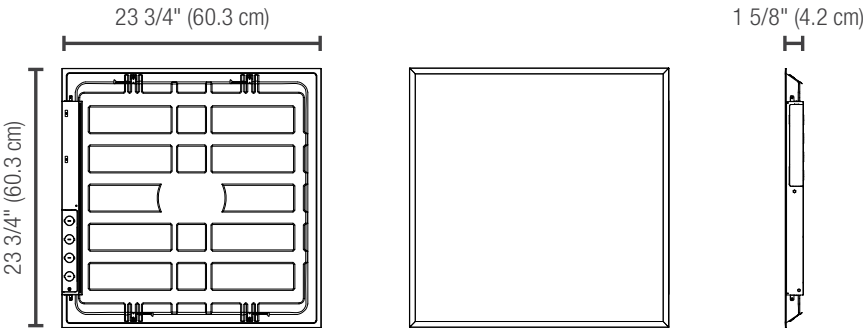
ACCESSORIES (order separately)

Order code	Type	Compatible with
63490	Drywall Kit	1X4
67164	Drywall Kit	2X2
63491	Drywall Kit	2X4
68455	Surface Mount Kit	1X4
68456	Surface Mount Kit	2X2
68457	Surface Mount Kit	2X4
68458	Suspension Kit	1X4, 2X2, 2X4

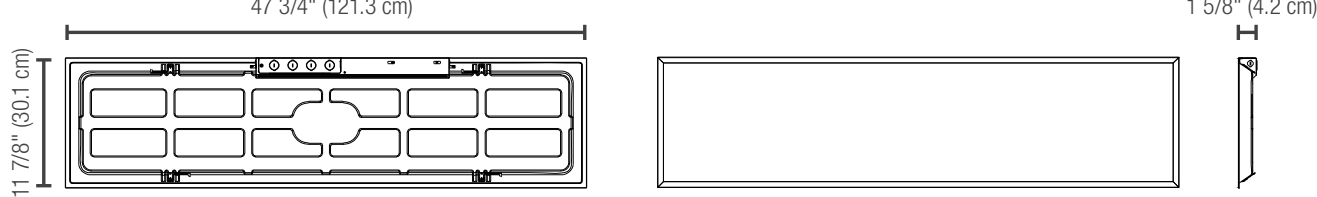
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

DIMENSIONS AND WEIGHTS

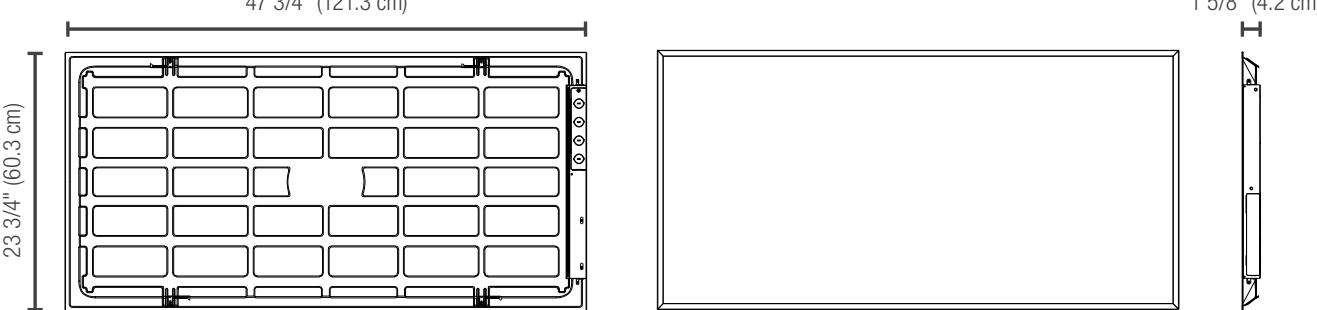
2'X2'



1'X4'



2'X4'



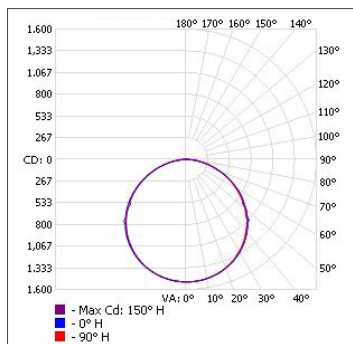
	1X4	2X2	2X4
Net weight (lbs)	4.1	3.9	7.3

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PHOTOMETRIC DATA¹

70010 • L3PNV-1LPS40-Q/5C/CHOICE • 40 W • 4 000 K • 4 518.1 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 184.0	26.2
0-40	1 954.4	43.3
0-60	3 503.7	77.5
60-90	1 005.9	22.5
70-100	444.5	9.8
90-120	8.5	0.2
0-90	4 509.6	99.8
90-180	8.5	0.2
0-180	4 518.1	100

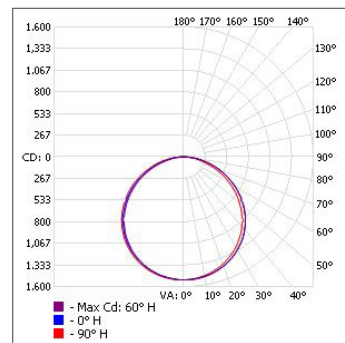
Illuminance at a distance

	Center beam fc	Beam width
2.0'	376.5	6.6' 6.4'
4.0'	94.1	13.1' 12.7'
6.0'	41.8	19.7' 19.1'
8.0'	23.5	26.2' 25.4'
10.0'	15.1	32.8' 31.8'

■ Vert. spread : 117.2°
■ Horiz. spread : 115.6°

70011 • L3PNV-2LPS40-Q/5C/CHOICE • 40 W • 4 000 K • 4 550.8 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 192.3	26.2
0-40	1 968.1	43.2
0-60	3 528.9	77.5
60-90	1 013.4	22.3
70-100	448.0	9.8
90-120	8.4	0.2
0-90	4 542.3	99.8
90-180	8.4	0.2
0-180	4 550.8	100

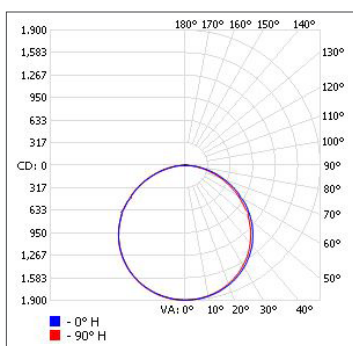
Illuminance at a distance

	Center beam fc	Beam width
2.0'	379.1	6.5' 6.3'
4.0'	94.8	13.0' 12.7'
6.0'	42.1	19.5' 19.0'
8.0'	23.7	26.0' 25.4'
10.0'	15.2	32.5' 31.7'

■ Vert. spread : 116.8°
■ Horiz. spread : 115.6°

70012 • L3PNV-4LPS50-Q/5C/CHOICE • 50 W • 4 000 K • 5 706.4 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	1 489.1	26.1
0-40	2 458.4	43.1
0-60	4 412.8	77.3
60-90	1 277.3	22.4
70-100	574.1	10.1
90-120	16.3	0.3
0-90	5 690.1	99.7
90-180	16.3	0.3
0-180	5 706.4	100

Illuminance at a distance

	Center beam fc	Beam width
2.0'	473.2	6.5' 6.3'
4.0'	118.3	13.0' 12.7'
6.0'	52.6	19.5' 19.0'
8.0'	29.6	26.0' 25.4'
10.0'	18.9	32.5' 31.7'

■ Vert. spread : 116.8°
■ Horiz. spread : 115.5°

¹ Complete IES files available on our website.

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