

Project: \_\_\_\_\_

Type: \_\_\_\_\_

Drawn by: \_\_\_\_\_ Catalogue #: \_\_\_\_\_

Date: \_\_\_\_\_

# L3PNB

## LED BACKLIT PANEL

3 CCT and 3 Power Selectable

### OPTIONAL EMERGENCY REMOTE

Stanpro's L3PNB LED panel lights utilize next-generation back-lit technology, ensuring high performance, superior uniformity, and reduced glare. Featuring a 120-347V driver and the versatility to change the color temperature and lumen output with a simple switch, the L3PNB series is the premier and cost-effective solution for reducing stocking inventory. These commercial grade LED panels lights are the ideal replacement for traditional fluorescent fixtures in offices, schools, and commercial buildings.

### FEATURES AND SPECIFICATIONS

#### • Construction

##### Physical Characteristics

- White aluminum alloy frame
- PMMA LED lens
- Polystyrene diffuser
- CCT and Power Select switches are placed on the driver box

##### Mounting

- Recessed, suspended, surface

#### • Performance Data

- Available in 4 000 K single color temperatures, 3, 000/3 500/4 000K or 3 500/4 000/5 000 K selectable color
- temperature
- 82+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 50 000 hours to L70
- 0-10 V dimming standard
- 1.5kV surge protection
- Ambient temperature: -20 °C to 35 °C (-4 °F to 95 °F)
- Operating temperature with LINK: -20 °C to 25 °C (-4 °F to 77 °F)

#### • Optional Emergency Lighting

##### LINK Normally ON Emergency LED Backlit Panel

- Consuming 11 W, 12 -24 V DC
- 200 mA constant current
- Delivers 1 007 - 1 286 lumens in emergency mode
- Ease of maintenance when used with Stanpro emergency lighting battery units complete with auto test function
- Complements Stanpro's normally ON LED panel family
- Patent pending

*Please view the LINK specification section for more details on this technology*

#### • Emergency Lighting Compliances

- CSA certified as a C22.2 C141-15 emergency lighting luminaire
- Meets ICES-005 requirements

#### • General Lighting Compliances

- cULus
- Suitable for damp locations
- IC rated
- Meets requirements of ICES-005 issue 5 for Class B products
- Certified to be used in food handling applications
- Conforms to:
  - CAN/ULC-S102.3-07 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



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).

<sup>1</sup> 5 year warranty for the LINK module.

### OVERVIEW

Light source	LED
Watts (W)	20/25/30 20/30/40 30/35/40 30/40/50 40, 50
Lumen output (lm)	2 300 - 6 600
Efficacy (lm/W)	110-137
Color temperature (K)	3 000/3 500/4 000 3 500/4 000/5 000 4 000
CRI	82+

**QUICK SHIP AND TECHNICAL SPECIFICATION TABLE**

Order code	Model number	DLC unique ID	Watts (W)	Volts (V AC)	Color temp. (K) <sup>1</sup>	Lumen output (lm) <sup>2,3</sup>	Efficacy (lm/W)	CRI	Life L70 (hrs) <sup>4</sup>	Dimming (Yes/No)	Power factor	THD (%)	Case qty (master)
<b>DLC Standard</b>													
<b>1'X4'</b>													
68328	L3PNB-1LS1-Q/40K	PLVXR1DUSSH2	40	120-347	4 000	4 500	113	82+	50 000	Yes	0.9	<25	2
69088 <sup>5</sup>	L3PNB-1LPS-Q/3C DPD	PLS7UQALM10Z	20/30/40	120-347	3 500/4 000/5 000	2 500/3 600/4 500	110	82+	50 000	Yes	0.9	<25	2
69134 <sup>5</sup>	L3PNB-1LPS40-Q/3C1	S-6JUR8C	20/30/40	120-347	3 000/3 500/4 000	2 300/3 400/4 300	113	82+	50 000	Yes	0.9	20	2
<b>2'X2'</b>													
68329	L3PNB-2LS1-Q/40K	PL9ZGWJTR5JM	40	120-347	4 000	4 500	113	82+	50 000	Yes	0.9	<25	2
69089 <sup>5</sup>	L3PNB-2LPS-Q/3C DPD	PLYFCSY2BLFCC	20/30/40	120-347	3 500/4 000/5 000	2 500/3 600/4 500	110	82+	50 000	Yes	0.9	<25	2
69135 <sup>5</sup>	L3PNB-2LPS40-Q/3C1	S-9W1KA0	20/30/40	120-347	3 000/3 500/4 000	2 300/3 400/4 300	113	82+	50 000	Yes	0.9	20	2
<b>2'X4'</b>													
68330	L3PNB-4LS1-Q/40K	PLY7U6SGIKQH	50	120-347	4 000	5 600	112	82+	50 000	Yes	0.9	<25	2
69090 <sup>5</sup>	L3PNB-4LPS-Q/3C DPD	PLYVCSY2BLTFE	30/40/50	120-347	3 500/4 000/5 000	3 700/4 700/5 600	110	82+	50 000	Yes	0.9	<25	2
69136 <sup>5</sup>	L3PNB-4LPS50-Q/3C1	S-PMZFQK	30/40/50	120-347	3 000/3 500/4 000	3 500/4 500/5 400	113	82+	50 000	Yes	0.9	20	2
<b>DLC Premium</b>													
<b>1'X4'</b>													
69051 <sup>5</sup>	L3PNB-1LPS40P-Q/3C	P1CUGAED	20/30/40	120-347	3 500/4 000/5 000	2 750/4 000/5 100	127	82+	50 000	Yes	0.9	<20	2
<b>2'X2'</b>													
69052 <sup>5</sup>	L3PNB-2LPS40P-Q/3C	PUECZ2VU	20/30/40	120-347	3 500/4 000/5 000	2 750/4 000/5 100	127	82+	50 000	Yes	0.9	<20	2
<b>2'X4'</b>													
69053 <sup>5</sup>	L3PNB-4LPS50P-Q/3C	POCOM4EF	30/40/50	120-347	3 500/4 000/5 000	4 100/5 400/6 600	132	82+	50 000	Yes	0.9	20	2

<sup>1</sup> Typical color temperature range: +/- 5 %.

<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

<sup>3</sup> Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

<sup>4</sup> Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

<sup>5</sup> 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	
			Lumen output (lm)	Efficacy (lm/w)	Lumen output (lm)	Efficacy (lm/w)	Lumen output (lm)	Efficacy (lm/w)	Lumen output (lm)	Efficacy (lm/w)
<b>DLC Standard</b>										
69088	L3PNB-1LPS-Q/3C DPD	20	N/A	N/A	2 400	120	2 500	125	2 500	125
		30	N/A	N/A	3 500	117	3 600	120	3 600	120
		40	N/A	N/A	4 400	110	<b>4 500</b>	<b>113</b>	4 500	113
69134	L3PNB-1LPS40-Q/3C1	20	2 300	115	2 400	120	2 500	125	N/A	N/A
		30	3 400	113	3 500	117	3 600	120	N/A	N/A
		40	<b>4 300</b>	<b>108</b>	4 400	110	4 500	113	N/A	N/A
69089	L3PNB-2LPS-Q/3C DPD	20	N/A	N/A	2 400	120	2 500	125	2 500	125
		30	N/A	N/A	3 500	117	3 600	120	3 600	120
		40	N/A	N/A	4 400	110	<b>4 500</b>	<b>113</b>	4 500	113
69135	L3PNB-2LPS40-Q/3C1	20	2 300	115	2 400	120	2 500	125	N/A	N/A
		30	3 400	113	3 500	117	3 600	120	N/A	N/A
		40	<b>4 300</b>	<b>108</b>	4 400	110	4 500	113	N/A	N/A
69090	L3PNB-4LPS-Q/3C DPD	30	N/A	N/A	3 600	120	3 700	123	3 700	123
		40	N/A	N/A	4 600	115	4 700	118	4 700	118
		50	N/A	N/A	5 500	110	<b>5 600</b>	<b>112</b>	5 600	112
69136	L3PNB-4LPS50-Q/3C1	30	3 500	117	3 600	120	3 700	123	N/A	N/A
		40	4 500	113	4 600	115	4 700	118	N/A	N/A
		50	<b>5 400</b>	<b>108</b>	5 500	110	5 600	112	N/A	N/A
<b>DLC Premium</b>										
69051	L3PNB-1LPS40P-Q/3C	20	N/A	N/A	2 650	133	2 750	138	2 750	138
		30	N/A	N/A	3 900	130	4 000	133	4 000	133
		40	N/A	N/A	5 000	125	<b>5 100</b>	<b>128</b>	5 100	128
69052	L3PNB-2LPS40P-Q/3C	20	N/A	N/A	2 650	133	2 750	138	2 750	138
		30	N/A	N/A	3 900	130	4 000	133	4 000	133
		40	N/A	N/A	5 000	125	<b>5 100</b>	<b>128</b>	5 100	128
69053	L3PNB-4LPS50P-Q/3C	30	N/A	N/A	4 000	133	4 100	137	4 100	137
		40	N/A	N/A	5 300	130	5 400	135	5 400	135
		50	N/A	N/A	6 500	130	<b>6 600</b>	<b>132</b>	6 600	132

**DEFAULT PROGRAMMING**

- 69088 : 40 W / 4 000 K
- 69134 : 40 W / 3 000 K
- 69089 : 40 W / 4 000 K
- 69135 : 40 W / 3 000 K
- 69090 : 50 W / 4 000 K
- 69136 : 50 W / 3 000 K
- 69051 : 40 W / 4 000 K
- 69052 : 40 W / 4 000 K
- 69053 : 50 W / 4 000 K

**ORDERING GUIDE**

Series	Size	Lamp type	Lumen Package (W) <sup>1</sup>	Volts (V)	Color Temperature (K) <sup>3</sup>	Options
L3PNB	1 - 1'X4' 2 - 2'X2'	L	S1 - 40 PS - 20/30/40 PS40 - 20/30/40 PS40P - 20/30/40	Q - 100-347 W - 100-277 <sup>2</sup>	40K - 4 000 3C - 3 500/4 000/5 000 3C1 - 3 000/3 500/4 000	ARTXXX - Artwork <sup>4</sup> DL - Emergency back up <sup>5,7</sup> EL - LINK Normally ON emergency remote <sup>5,6</sup> OS - Occupancy Sensor <sup>7</sup>
	4 - 2'X4'		S1- 50 PS - 30/40/50 PS50 - 30/40/50 PS50P - 30/40/50			

<sup>1</sup> See IES files or lumen specification table for more details.

<sup>2</sup> Offered with DL and OS options.

<sup>3</sup> 40K offered only with S1 lumen package, 3C offered with PS and PSP lumen packages.

<sup>4</sup> Customer to supply the artwork, which is a high resolution image of at least 300 DPI or EPS (Vector format).

<sup>5</sup> Suspended and surface mounting is not available when DL and EL options are selected.

<sup>6</sup> When in emergency mode, luminaire only consumes 11 W.

<sup>7</sup> Only available for 120-277V.

For emergency lighting spacing, please see page 5.

**LINK TECHNICAL SPECIFICATIONS TABLE**

Lumen package	Watts(W)	LINK Watts (W)	LINK Lumen output (lm)	
<b>1'X4'</b>				
1LS1	40	11	1 035	
	20		1 111	
1LPS/1LPS40	30		1 007	
	40		1 035	
1LPSP	20		1 286	
	25		1 245	
	30		1 195	
1LPS40P	20		1 146	
	30		1 146	
	40		1 146	
<b>2'X2'</b>				
2LS1	40		11	1 035
	20	1 111		
2LPS/2LPS40	30	1 108		
	40	1 034		
2LPSP	20	1 227		
	25	1 189		
	30	1 141		
2LPS40P	20	1 146		
	30	1 146		
	40	1 146		
<b>2'X4'</b>				
4LS1	50	11		1 028
	30		1 138	
4LPS/4LPS50	40		1 080	
	50		1 028	
4LPSP	30		1 194	
	35		1 089	
	40		1 166	
4LPS50P	30		1 222	
	40		1 222	
	50		1 222	

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)**

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
68523	Junction Box Gen. 1	68328 68329 68330 68995 68333
69347	Junction Box Gen. 2	69134 69135 69136 69088 69089 69090 69051 69052 69053

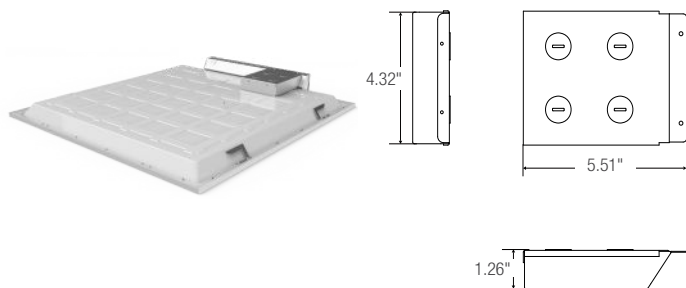
**COMPATIBLE DIMMERS<sup>1</sup>**

Brand	Model Number
<b>Lutron</b>	DVSTV, DDTV, DVSCVT, DVSTV-453PH-WH, NDTV, NTSTV-DV
<b>Leviton</b>	IP710-DLZ, IP710-LFZ

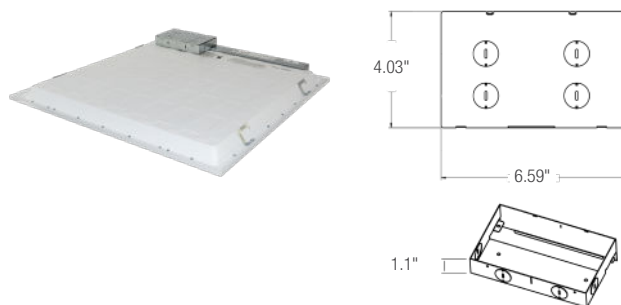
Dimming range: 10%-100%

<sup>1</sup> This 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. Some dimmers may require more than one product for stable operation. Stanpro recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

JUNCTION BOX GEN. 1

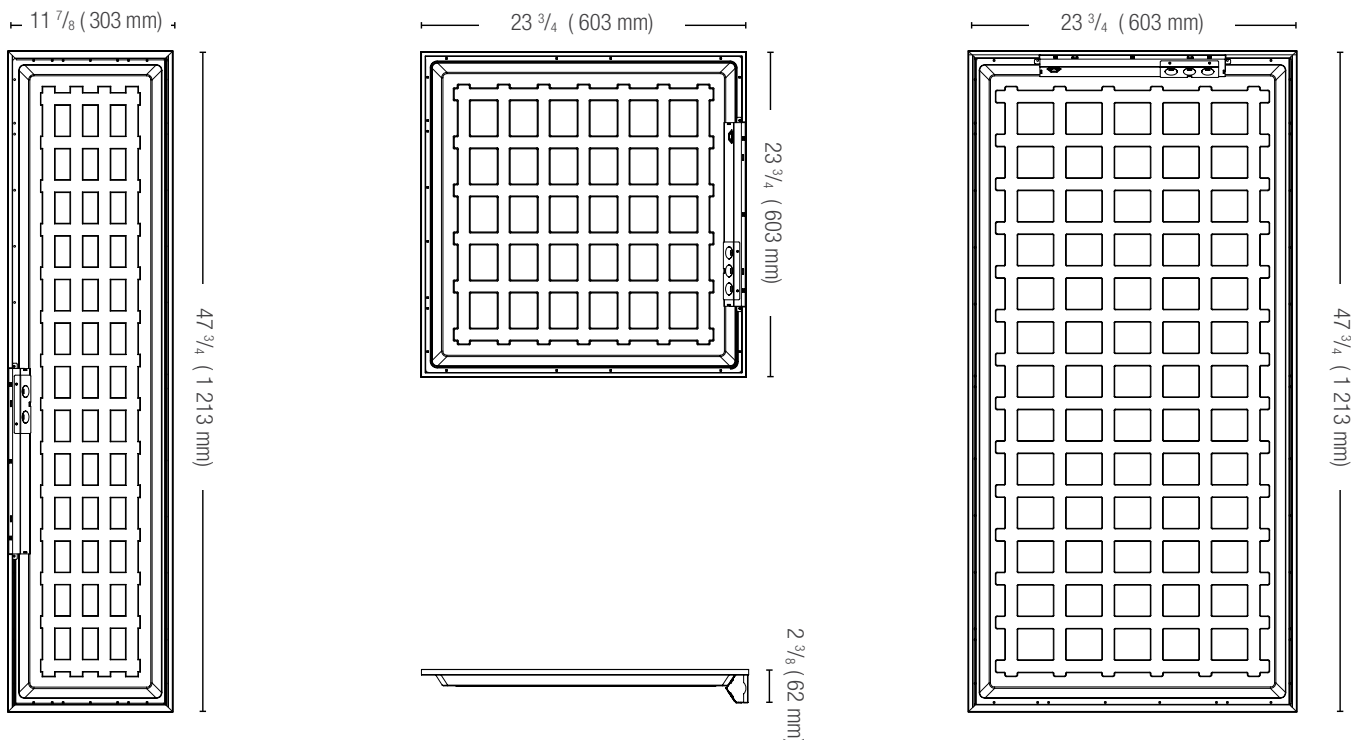


JUNCTION BOX GEN. 2



**DIMENSIONS AND WEIGHTS**

	1X4	2X2	2X4
NET WEIGHT (LBS)	4.6	4.4	8.7



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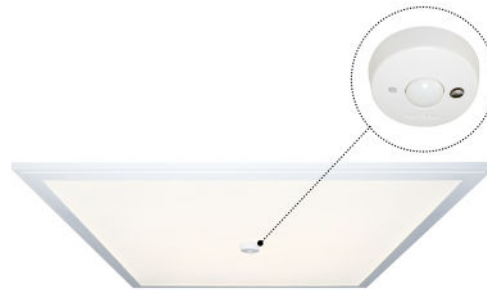
**OCCUPANCY SENSOR**

**DEFAULT PROGRAMMING**

Timeout:	15 min
Occupancy Sensor:	Enabled
Daylight Sensor:	Enabled
Occupancy sensor sensitivity:	Medium

**DETECTION PATTERN**

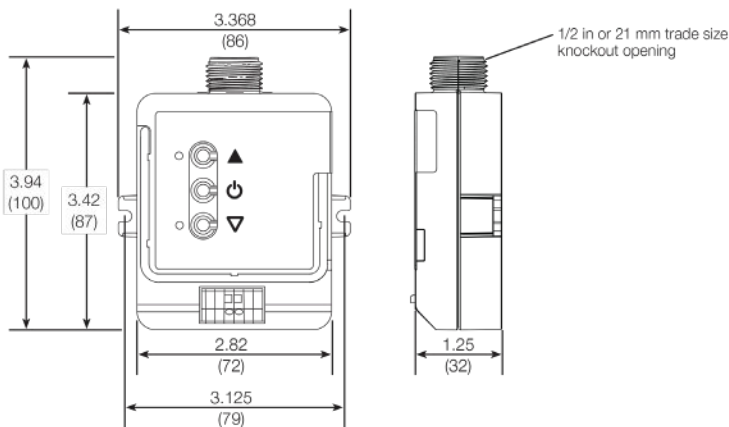
Detection Distance:	Up to 300 ft <sup>2</sup> (27.9 m <sup>2</sup> ) major motion coverage and 150 ft <sup>2</sup> (13.9 m <sup>2</sup> ) minor motion coverage
Detection Angle:	360°



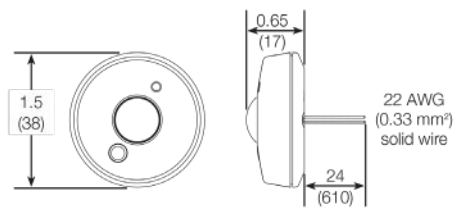
**DIMENSIONS**

Measurements shown as: in (mm)

**Wireless Fixture Control**



**Sensor**



**Fixture Sensor Specifications:**

- Complies with requirements for use in other spaces used for environmental air (plenums) per NEC® 2014 300.22(C)(3)
- cULus Listed
- Operating voltage: 12 V, operating current: 25 mA
- IEC SELV / NEC® Class 2
- Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C), 0%–90% humidity, non-condensing; indoor use only
- 5 Year Limited Warranty. For additional Warranty information, please visit: [www.lutron.com/TechnicalDocumentLibrary/Sensor\\_Warranty.pdf](http://www.lutron.com/TechnicalDocumentLibrary/Sensor_Warranty.pdf)
- Sensor wires are IEC SELV / NEC® Class 2 rated

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# LINK

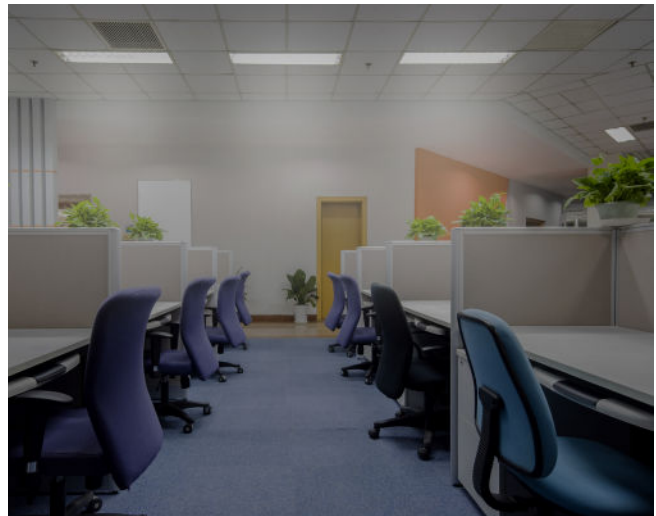
## NORMALLY ON EMERGENCY REMOTE LUMINAIRE

This luminaire can be used with an emergency backup powered by either a 12 V or 24 V DC Stanpro battery unit, complete with or without auto test.

### NORMAL MODE



### EMERGENCY MODE



### TYPICAL SPECIFICATION

Supply and install Stanpro LINK \_\_\_\_\_ ft, LED Backlit Panel, Model number: \_\_\_\_\_ remote normally ON emergency luminaire, CSA C22.2 141-15 certified and meet the requirements prescribed by ICES-005. Normally ON when AC is present and when connected to a Stanpro battery unit complete with or without auto test, the luminaire shall act as an emergency lighting remote and consume 11 W of DC power in \_\_\_\_\_ V producing 1 007- 1 286 lumens in emergency mode.

The remote normally ON emergency luminaire shall be powered by a Stanpro emergency lighting battery unit as described herein and shown on the drawings. The Stanpro auto diagnostic micro-controller board shall supply the rated load for a minimum of a 1/2 hour to 87.5% of the rated battery voltage. The unit shall be rated 120 V, 277 V or 347 V, 60 Hz and be CSA listed. The unit shall have an output of: \_\_\_V and \_\_\_W. The charge voltage factory set to  $\pm 1\%$  tolerance. High efficiency, rapid recovery, precision control charging system shall be employed to promote long battery life and reduce the potential for grid corrosion. The charger shall provide a continuous high charge to recharge the battery, when the battery is at full capacity, the charger will shut-off. Periodically the charger shall provide a pulse of energy to keep the battery topped off. The pulse charger shall be precisely regulated and shall charge the battery in relation to its temperature, state or charge and input voltage fluctuations. The charger shall be current limited, temperature compensated, short-circuit proof and reverse polarity protected. The unit shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit, which will activate the emergency lights when utility power dips below 75% of nominal voltage. A low voltage battery protection circuit shall be provided and will disconnect the load when the battery reaches the end of discharge.

The automated testing performed by the Stanpro auto test system has been designed to comply with all of the requirements of the National Fire Code. Every month, a 5 minute discharge and diagnostic test checks the operational status of the unit. Every 12 months, this test is extended to the full 30 minute, code required duration. This ensures that the battery charger is recharging the battery in accordance with code requirements.

The unit shall be Stanpro model: SL\_ \_\_\_\_\_

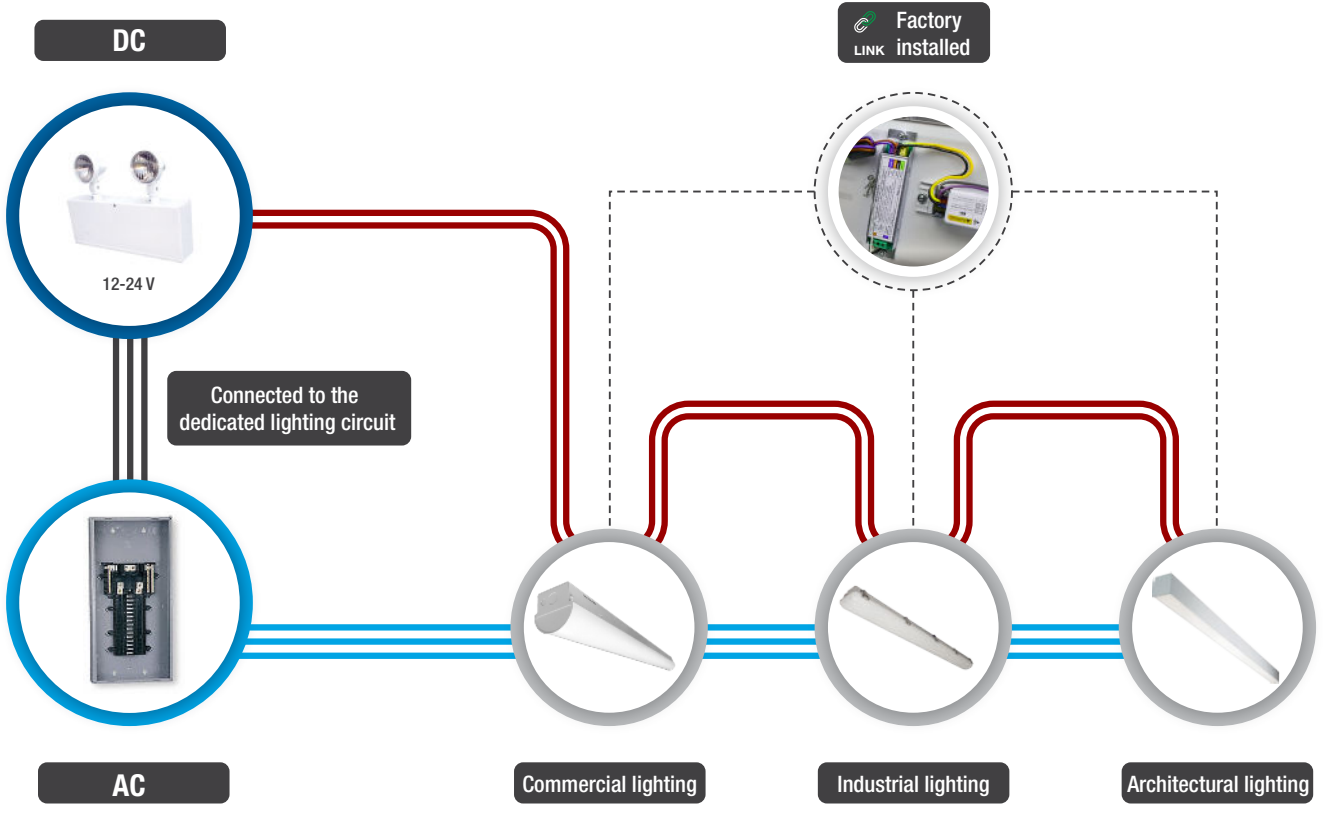
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

# LINK

## NORMALLY ON EMERGENCY REMOTE LUMINAIRE

# LINK Wiring Diagram

**LINK**  
remote normally ON emergency lighting luminaire



**LEGEND**

- AC wires
- Connected to the dedicated lighting circuit
- DC wires
- LINK factory installed

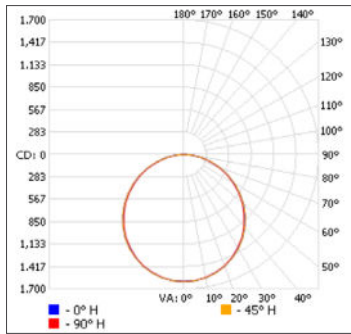
Emergency mode	Spacing
L3PNB	Average spacing for 1 out of every 4 luminaires, normally ON in the path of egress, when at 8, 10, or 12 foot mounting heights.

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.

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

**68328 - L3PNB-1LS1-Q/40K • 4 758.3 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 252.7	26.3
0-40	2 056.7	43.2
0-60	3 662.2	77
60-90	1 094.4	23
70-100	494.9	10.4
90-120	1.7	0
0-90	4 756.6	100
90-180	1.7	0
0-180	4 758.3	100

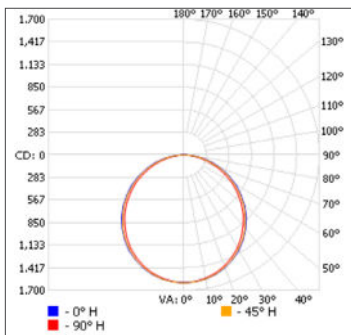
**Illuminance at a distance**

	Center beam fc	Beam width
2.0'	401.6	6.2' 6.1'
4.0'	100.4	12.5' 12.1'
6.0'	44.6	18.7' 18.2'
8.0'	25.1	24.9' 24.2'
10.0'	16.1	31.2' 30.3'

■ Vert. spread: 114.7° ■ Hor. spread: 113.1°

**68329 - L3PNB-2LS1-Q/40K • 4 724.9 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 249.5	26.4
0-40	2 051.0	43.4
0-60	3 649.2	77.2
60-90	1 074.4	22.7
70-100	480.5	10.2
90-120	1.3	0
0-90	4 723.7	100
90-180	1.3	0
0-180	4 724.9	100

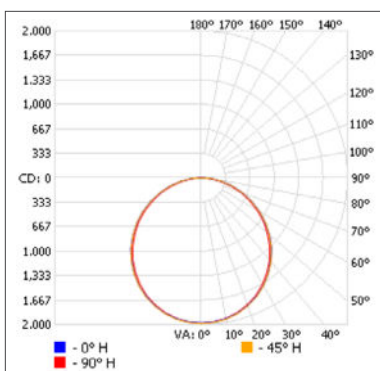
**Illuminance at a distance**

	Center beam fc	Beam width
2.0'	400.9	6.4' 5.8'
4.0'	100.2	12.9' 11.7'
6.0'	44.5	19.3' 17.5'
8.0'	25.1	25.7' 23.3'
10.0'	16.0	32.1' 29.2'

■ Vert. spread: 116.2° ■ Hor. spread: 111.1°

**68330 - L3PNB-4LS1-Q/40K • 5 898.8 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 546.0	26.2
0-40	2 539.8	43.1
0-60	4 531.4	76.8
60-90	1 363.7	23.1
70-100	621.1	10.5
90-120	3.7	0.1
0-90	5 895.1	99.9
90-180	3.7	0.1
0-180	5 898.8	100

**Illuminance at a distance**

	Center beam fc	Beam width
2.0'	493.9	6.3' 6.1'
4.0'	123.5	12.7' 12.2'
6.0'	54.9	19.0' 18.3'
8.0'	30.9	25.4' 24.4'
10.0'	19.8	31.7' 30.5'

■ Vert. spread: 115.5° ■ Hor. spread: 113.4°

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

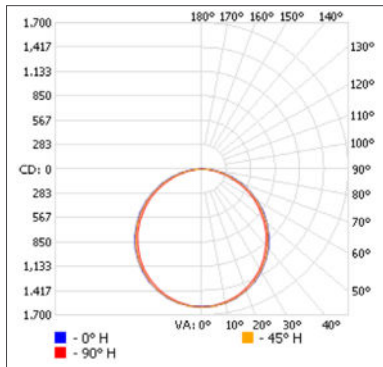
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.



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

**69088 • L3PNB-1LPS-Q/3C DPD • 40 W • 4 000 K • 4 707.3 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 250.1	26.6
0-40	2 050.5	43.6
0-60	3 643.7	77.4
60-90	1 062.7	22.6
70-100	472.3	10
90-120	1.0	0
0-90	4 706.4	100
90-180	1.0	0
0-180	4 707.3	100

**Illuminance at a distance**

Center beam fc	Beam width
2.0'	500.1
4.0'	125.0
6.0'	55.6
8.0'	31.3
10.0'	20.0

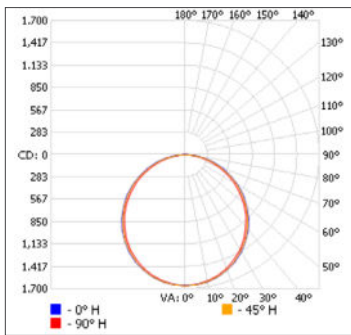
  

Beam width	Beam width
6.1'	6.1'
12.2'	12.2'
18.3'	18.3'
24.3'	24.4'
30.4'	30.5'

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

**69089 • L3PNB-2LPS-Q/3C DPD • 40 W • 4 000 K • 4 866.5 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 292.4	26.6
0-40	2 119.8	43.6
0-60	3 766.8	77.4
60-90	1 098.6	22.6
70-100	488.3	10
90-120	1.0	0
0-90	4 865.5	100
90-180	1.0	0
0-180	4 866.5	100

**Illuminance at a distance**

Center beam fc	Beam width
2.0'	414.9
4.0'	103.7
6.0'	46.1
8.0'	25.9
10.0'	16.6

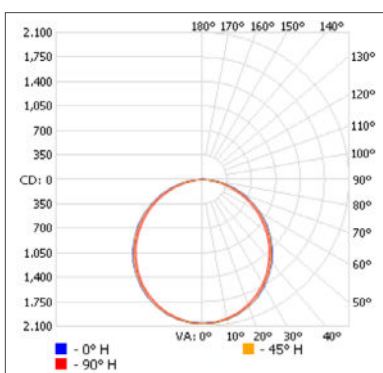
  

Beam width	Beam width
6.3'	5.8'
12.7'	11.7'
19.0'	17.5'
25.4'	23.4'
31.7'	29.2'

■ Vert. spread: 115.5° ■ Hor. spread: 111.2°

**69090 • L3PNB-4LPS-Q/3C DPD • 4 000 K • 6 038.1 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 603.5	26.6
0-40	2 630.2	43.6
0-60	4 673.7	77.4
60-90	1 363.4	22.6
70-100	605.8	10
90-120	1.2	0
0-90	6 036.9	100
90-180	1.2	0
0-180	6 038.1	100

**Illuminance at a distance**

Center beam fc	Beam width
2.0'	514.8
4.0'	128.7
6.0'	57.2
8.0'	32.2
10.0'	20.6

Beam width	Beam width
6.3'	5.8'
12.7'	11.7'
19.0'	17.5'
25.4'	23.4'
31.7'	29.2'

■ Vert. spread: 115.5° ■ Hor. spread: 111.2°

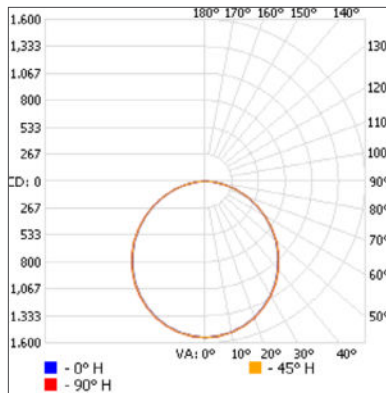
<sup>1</sup> Complete IES files available on our website.

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.

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

**69134 - L3PNB-1LPS40-Q-3C1 • 40W • 30K • 4488lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 198.4	26.7 %
0-40	1 964.3	43.8 %
0-60	3 482.7	77.6 %
60-90	1 003.4	22.4 %
70-100	444.3	9.9 %
90-120	1.6	0 %
0-90	4 486.1	100 %
90-180	1.6	0 %
0-180	4 487.7	100 %

**Illuminance at a distance**

Center beam fc	Beam width
2.0'	386.7
4.0'	96.7
6.0'	43.0
8.0'	24.2
10.0'	15.5

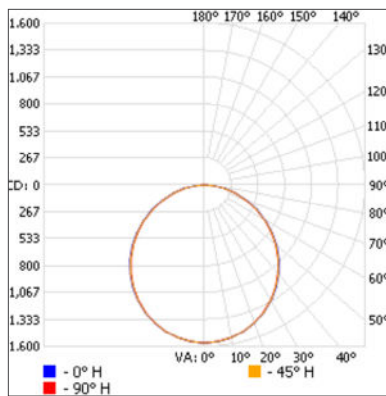
Beam width	Beam width
6.0'	6.1'
12.0'	12.2'
18.0'	18.3'
24.0'	24.4'
30.0'	30.4'

■ Vert. spread: 112.6°  
■ Horiz. spread: 113.4°

**69135 - L3PNB-2LPS40-Q-3C1 • 40W • 30K • 4522lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 213.2	26.8 %
0-40	1 987.2	43.9 %
0-60	3 520.0	77.8 %
60-90	1 001.4	22.1 %
70-100	438.7	9.7 %
90-120	0.6	0 %
0-90	4 521.3	100 %
90-180	0.6	0 %
0-180	4 521.9	100 %

**Illuminance at a distance**

Center beam fc	Beam width
2.0'	391.5
4.0'	97.9
6.0'	43.5
8.0'	24.5
10.0'	15.7

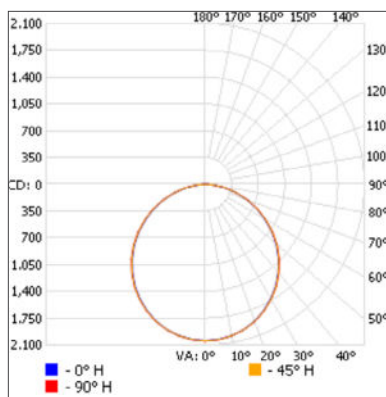
Beam width	Beam width
6.1'	5.9'
12.1'	11.9'
18.2'	17.8'
24.3'	23.8'
30.3'	29.7'

■ Vert. spread: 113.2°  
■ Horiz. spread: 112.2°

**69136 - L3PNB-4LPS40-Q-3C1 • 50W • 30K • 5945lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 587.9	26.7 %
0-40	2 603.2	43.8 %
0-60	4 618.2	77.7 %
60-90	1 325.5	22.3 %
70-100	583.5	9.8 %
90-120	1.2	0 %
0-90	5 943.7	100 %
90-180	1.2	0 %
0-180	5 944.8	100 %

**Illuminance at a distance**

Center beam fc	Beam width
2.0'	510.8
4.0'	127.7
6.0'	56.8
8.0'	31.9
10.0'	20.4

Beam width	Beam width
6.0'	6.1'
12.0'	12.2'
18.0'	18.4'
24.0'	24.5'
30.0'	30.6'

■ Vert. spread: 112.7°  
■ Horiz. spread: 113.7°

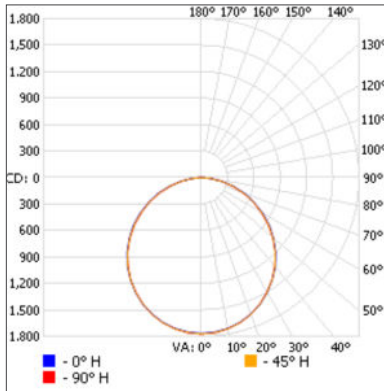
<sup>1</sup> Complete IES files available on our website.

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

69051 • L3PNB-1LPS40P-Q/3C • 40W • 4 000K • 5 177.88 lm

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 375.2	26.6 %
0-40	2 256.3	43.6 %
0-60	4 013.0	77.5 %
60-90	1 163.9	22.5 %
70-100	514.7	9.9 %
90-120	0.9	0 %
0-90	5 176.9	100 %
90-180	0.9	0 %
0-180	5 177.8	100 %

**Illuminance at a distance**

Center beam fc	Beam width
2.0'	441.5
4.0'	110.4
6.0'	49.1
8.0'	27.6
10.0'	17.7

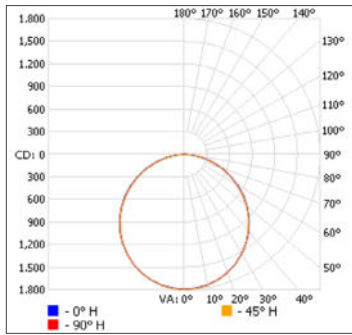
Beam width	Beam width
6.2'	6.1'
12.4'	12.2'
18.7'	18.3'
24.9'	24.3'
31.1'	30.4'

■ Vert. spread: 114.5°  
■ Horiz. spread: 113.4°

69052 • L3PNB-2LPS40P-Q/3C • 40W • 4 000K • 5 250.2 lm

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 394.4	26.6
0-40	2 287.9	43.6
0-60	4 069.2	77.5
60-90	1 180.2	22.5
70-100	521.9	9.9
90-120	0.9	0
0-90	5 249.3	100
90-180	0.9	0
0-180	5 250.2	100

**Illuminance at a distance**

Center beam fc	Beam width
2.0'	447.7
4.0'	111.9
6.0'	49.7
8.0'	28.0
10.0'	17.9

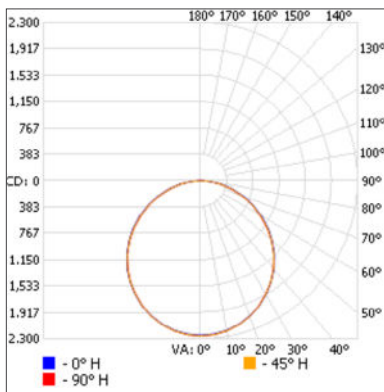
Beam width	Beam width
6.2'	6.1'
12.4'	12.2'
18.7'	18.3'
24.9'	24.3'
31.1'	30.4'

■ Vert. spread: 114.5° ■ Horiz. spread: 113.4°

69053 • L3PNB-4LPS50P-Q/3C • 50W • 4 000K • 6 596.4lm

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	1 751.9	26.6 %
0-40	2 874.5	43.6 %
0-60	5 112.5	77.5 %
60-90	1 482.8	22.5 %
70-100	655.7	9.9 %
90-120	1.1	0 %
0-90	6 595.3	100 %
90-180	1.1	0 %
0-180	6 596.4	100 %

**Illuminance at a distance**

Center beam fc	Beam width
2.0'	562.4
4.0'	140.6
6.0'	62.5
8.0'	35.2
10.0'	22.5

Beam width	Beam width
6.2'	6.1'
12.4'	12.2'
18.7'	18.3'
24.9'	24.3'
31.1'	30.4'

■ Vert. spread: 114.5°  
■ Horiz. spread: 113.4°

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

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