

Name / Address

Jefferson Parish

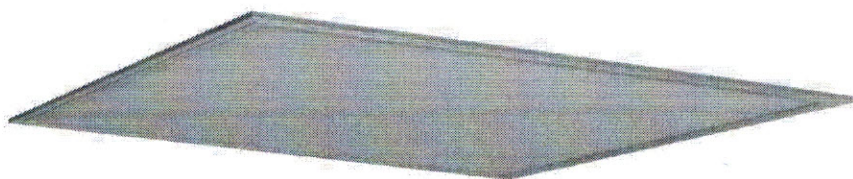
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# LEDPNL2X4-50W/70W

50/70 Watt 2x4 Ultra-Thin  
Edge-Lit LED Panel

**BEST**  
LIGHTING PRODUCTS

Project:	
Type:	
Catalog #:	



## STANDARD



The ultra-thin, edge-lit LED panel (LEDPNL) series is designed to deliver general ambient lighting in a variety of indoor settings, including schools, offices, hospitals and stores, and is the perfect choice for both new construction and retrofits. This high-efficacy luminaire provides long-life and uniform illumination, as well as standard 0-10 vdc dimming capability.

## FEATURES

- Available in 4000k (neutral) and 5000k (cool white) color temperatures.\*
- Long-life LEDs provide 63,000 hours of operation with at least 70% of initial lumen output ( $L_{70}$ ).\*\*
- LEDPNL2x4-50W provides 4,652 luminaire lumens (99 lumens per watt, LPW) at 4000k, and 5,062 luminaire lumens (108 LPW) at 5000k.\*
- LEDPNL2x4-70W provides 6,645 luminaire lumens (98 LPW) at 4000k, and 7,325 luminaire lumens (108 LPW) at 5000k.\*
- Uniform illumination with no visible LED pixilation.
- Universal 100-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming capability is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Aluminum housing and acrylic lens.
- Suitable for ambient temperatures from -25°C to 45°C (-13°F to 113°F).
- Easy installation in new construction or retrofit.
- Standard mounting options include recessed mounting in grid ceilings, or suspended mounting using attached hanging brackets. Optional surface mounting requires a surface mounting kit (option SMK).

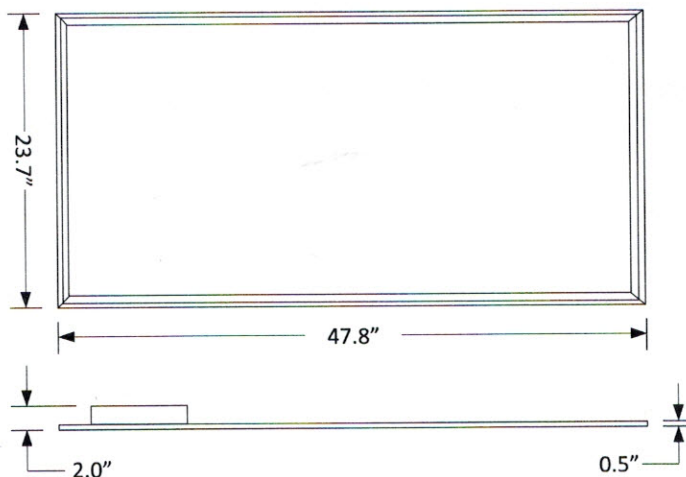
\* Contact factory for other color temperatures and lumen packages.

\*\*  $L_{70}$  hours are IES TM-21-11 calculated hours.

## WARRANTY & LISTINGS

- ETL listed to applicable U.L. standards for damp locations and insulated ceilings (IC-rated)
- DLC approved.
- 5-year warranty of all electronics and housing.

## DIMENSIONS



**Weight: 15 ½ lbs.**

## ORDERING INFORMATION

Example: LEDPNL2X4-50W-4K-SMK

Model	Luminaire Watts	Color Temperature	Luminaire Lumens	Lumens / Watt	Options
LEDPNL2X4-50W	50 = 50W	4K = 4000k	4,652	99	SMK = Surface Mounting Kit
	50 = 50W	5K = 5000k	5,062	108	
LEDPNL2X4-70W	70 = 70W	4K = 4000k	6,645	98	
	70 = 70W	5K = 5000k	7,325	108	



# LEDPNL2X4-50W/70W 50/70 Watt 2x2 Ultra-Thin LED Panel



## ELECTRICAL DATA

Model	Color Temperature	CRI <sup>1</sup>	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage	Input Current (A)			Power Factor	THD <sup>2</sup>	L <sub>70</sub> Hours <sup>3</sup>
							120V	240V	277V			
PNL2X4-50W-4K	4000k	> 80	4,652	47	99	120-277 (50-60Hz)	0.39	0.20	0.17	> 90%	< 20%	63,000
PNL2X4-50W-5K	5000k	> 80	5,062	47	108	120-277 (50-60Hz)	0.39	0.20	0.17	> 90%	< 20%	63,000
PNL2X4-70W-4K	4000k	> 80	6,645	68	98	120-277 (50-60Hz)	0.57	0.28	0.25	> 90%	< 20%	63,000
PNL2X4-70W-5K	5000k	> 80	7,325	68	108	120-277 (50-60Hz)	0.57	0.28	0.25	> 90%	< 20%	63,000

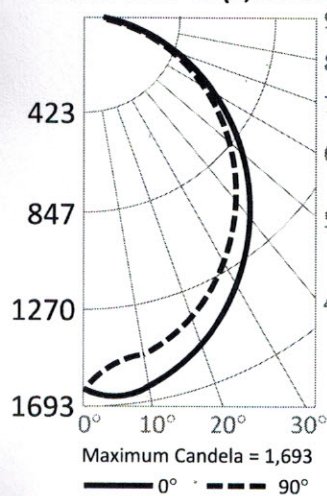
<sup>1</sup> Color rendering index

<sup>2</sup> Total harmonic distortion

<sup>3</sup> L<sub>70</sub> refers to the number of hours at which lumen output declines to 70% of the initial level. L<sub>70</sub> hours are IES TM-21-11 calculated hours.

## PHOTOMETRIC DATA

### PNL2X4-50W-4K (4,652 Lumens)



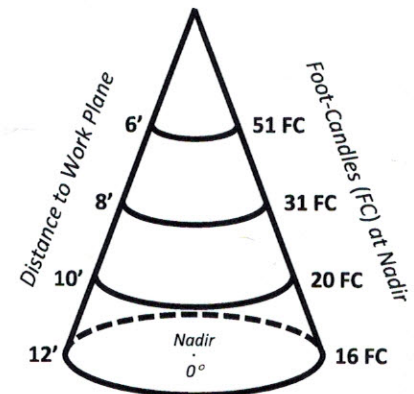
#### Candlepower Summary

	0°	90°
0°	1,621	1,621
10°	1,633	1,489
20°	1,516	1,389
30°	1,341	1,239
40°	1,127	1,042
50°	879	815
60°	612	570
70°	340	305
80°	98	76
90°	0	0

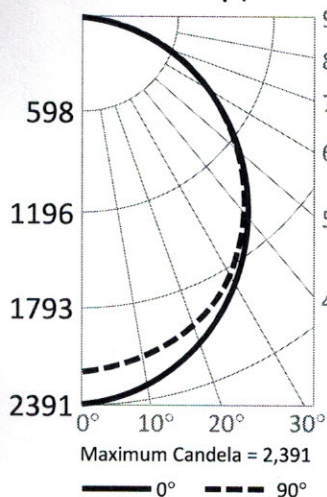
#### Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	39	0.8%
0° - 20°	346	7.4%
0° - 30°	918	19.7%
0° - 40°	1,677	36.0%
0° - 50°	2,517	54.1%
0° - 60°	3,327	71.5%
0° - 70°	3,999	86.0%
0° - 80°	4,451	95.7%
0° - 90°	4,652	100.0%
90° - 180°	0	0.0%
0° - 180°	4,652	100.0%

#### Cone of Light



### PNL2X4-70W-4K (6,645 Lumens)



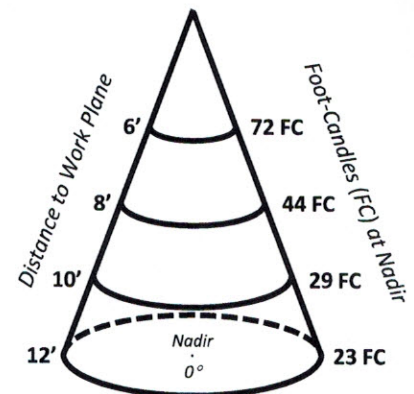
#### Candlepower Summary

	0°	90°
0°	2,384	2,180
10°	2,304	2,140
20°	2,138	2,019
30°	1,891	1,824
40°	1,585	1,561
50°	1,227	1,229
60°	843	869
70°	447	482
80°	107	138
90°	0	0

#### Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	56	0.8%
0° - 20°	491	7.4%
0° - 30°	1,305	19.6%
0° - 40°	2,388	35.9%
0° - 50°	3,593	54.1%
0° - 60°	4,754	71.5%
0° - 70°	5,718	86.1%
0° - 80°	6,362	95.7%
0° - 90°	6,645	100.0%
90° - 180°	0	0.0%
0° - 180°	6,645	100.0%

#### Cone of Light





DATE: 8/12/2019  
BID NO.: 50-00127661

INVITATION TO BID  
THIS IS NOT AN ORDER

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JEFFERSON PARISH

PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETNA, LA. 70054-0009  
504-364-2678

VENDOR: 27118 BLANK BID COPY VENDOR

BUYER: BBELLOW

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

≤ 30 Days

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

NUMBER: \_\_\_\_\_

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) \_\_\_\_\_

*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***	
FIRM NAME:	LED LIGHTING WHOLESALE INC.
SIGNATURE: (Must be signed here)	Erich Adelbert
PRINT OR TYPE NAME:	ERICH ADELBERT
ADDRESS:	400 E. CORK ST.
CITY, STATE:	KALAMAZOO, MI
TELEPHONE:	269 932-1020
EMAIL ADDRESS:	CODY@LEDLIGHTINGWHOLESALEINC.COM

TOTAL PRICE OF ALL BID ITEMS: \$ 1490.00

DATE: 8/12/2019

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INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00127661

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	24.00	EA	ONE TIME PURCHASE OF LED LIGHT FIXTURES FOR THE RECREATION DEPARTMENT  0010 2X4 Flat panel lay-in light fixture 0-10V dimming, 5000L, 41K LED, item number TJHCP TCPFP4UZD5041K  Tony  <i>LED 2x4 - 50w-4000K</i>	<i>\$ 60</i>	<i>\$1440</i>