

# Technical Information Bulletin

## LED Panels



Date: \_\_\_\_\_ Name of distributor: \_\_\_\_\_  
 In hands date of project: \_\_\_\_\_ Client #: \_\_\_\_\_  
 Project name/Number: \_\_\_\_\_ Name of end user: \_\_\_\_\_

### ORDERING INFORMATION

**Order code:** 67219  
**Description:** PAN2X4/100-347/50W/50K/PRO/STD  
**UPC:** 69549672192  
**Case quantity:** 2  
**DLC Premium:** PLJRWXLVVS



### PHYSICAL DATA

**Size in. (mm):** 48 1/8" x 23 15/16" (1 221 x 607 mm)  
**Lens Type:** Polystyrene  
**Frame Material:** White Aluminum  
**Mounting:** Recessed, suspended or surface

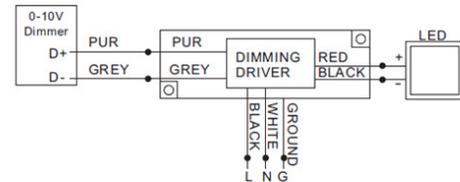
### PERFORMANCE DATA

**Watts (W):** 50  
**Volts (VAC):** 100-347  
**Colour temp. (K)<sup>1</sup>:** 5 000  
**Lumen output (lm)<sup>2</sup>:** 6 024  
**Lumen per Watts (lm/W):** 127  
**CRI:** 80  
**Life L70 (h)<sup>3</sup>:** 50 000  
**Beam angle (°):** 120  
**THD (%):** 120 V: 5.63 / 347 V: 16.81  
**Power factor:** 0.9  
**Frequency (Hz):** 60  
**Surge protection (Kv):** 1 694 V  
**Operating temp. range:** -20 °C to 40 °C (-4 °F to 104 °F)

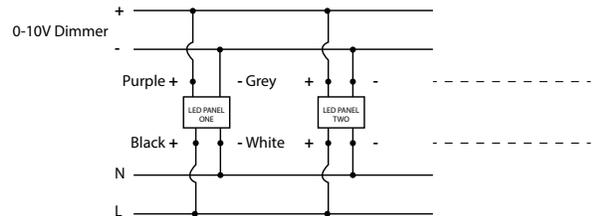
<sup>1</sup> Typical colour temperature range: +/- 5 %  
<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %  
<sup>3</sup> Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations

### WIRING DIAGRAM

#### Single luminaire



#### Multiple luminaires



### COMPATIBLE ACCESSORIES

Order code	Description	Type
64827	LPAN/ACC/2X4/SMK/STD	Surface mount kit
64829	LPAN/ACC/1X4_2X4/SUSPENSION/STD	Suspension cable
63491	DRYWALL KIT FOR 2X4 FRT/STD	Drywall kit

### COMPATIBLE DIMMERS

Brand	Model
Leviton:	IPL710-DL
Lutron:	NFTV, NTFTV

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. Standard recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation. Do not mix products of different wattages or types on the same dimming circuit. 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.

### DESCRIPTION AND OTHER OPTIONS

PAN2X4		/	100-277	/	50W	/	50K	/	PRO	/	STD
Series and size		Volts		Watts		Colour Temperature		Sub-brand		Brand	
PAN1X4	Panel 1 feet x 4 feet	100-347	100-347 Volts	40 W	40 Watts	35K	3 500 K	PRO	PRO	STD	STANDARD
PAN2X2	Panel 2 feet x 2 feet			50 W	50 Watts	40K	4 000 K				
PAN2X4	Panel 2 feet x 4 feet					50K	5 000 K				

This lighting equipment complies with Canadian standard ICES-005 for use in residential applications.  
 Data is based upon tests performed in a controlled environment and representative of relative performance.  
 Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.  
 August 2, 2019

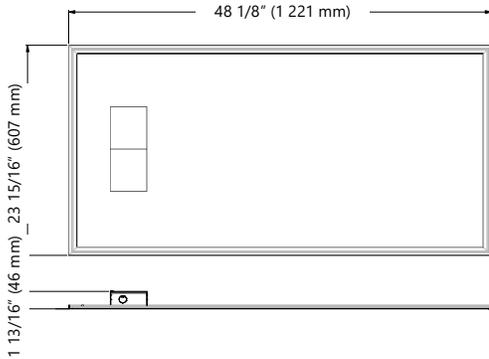
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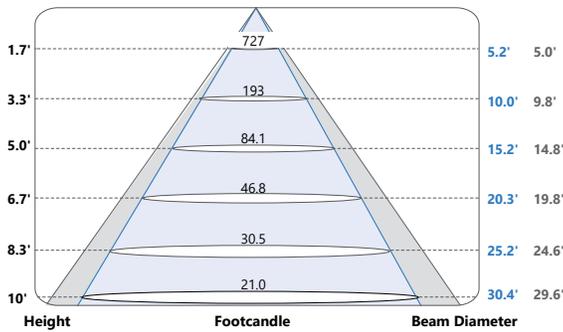
### TECHNICAL DRAWINGS AND DIMENSIONS



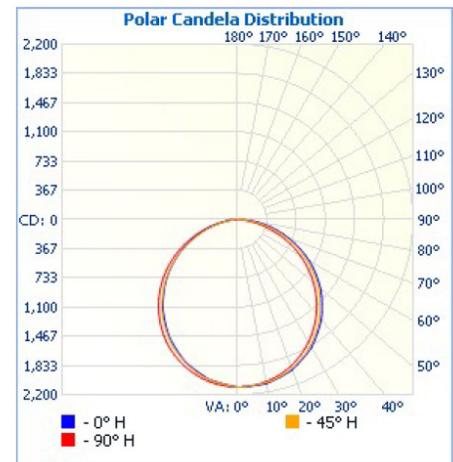
**Length:** 48 1/8" (1 221 mm)  
**Width:** 23 15/16" (607 mm)  
**Depth with Driver:** 1 13/16" (46 mm)  
**Height for Driver:** 3/8" (9.6 mm)  
**Weight:** 19.8lbs (9.0KG)

### BEAM SPREAD\*

Vertical spread - 113.2°  
 Horizontal spread - 111.9°



### CANDELA DISTRIBUTION\*



### COEFFICIENTS OF UTILIZATION (ZONAL CAVITY METHOD)\*

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0			
RW %:	70	50	30	0	70	50	30	0	50	30	20	0	50	30	20	0	50	30	20	0	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.00	1.00	1.00	1.00	1.00
1	1.09	1.04	.99	.95	1.06	1.01	.98	.84	.97	.94	.91	.88	.93	.91	.88	.86	.90	.88	.86	.83	.83	.83	.83	.83
2	.99	.90	.83	.78	.96	.88	.82	.71	.85	.80	.75	.73	.82	.77	.73	.72	.79	.75	.72	.69	.69	.69	.69	.69
3	.90	.79	.71	.64	.87	.78	.70	.60	.75	.68	.63	.62	.72	.66	.62	.61	.69	.65	.61	.58	.58	.58	.58	.58
4	.82	.70	.61	.55	.80	.69	.61	.52	.66	.59	.53	.53	.64	.58	.53	.52	.62	.56	.52	.50	.50	.50	.50	.50
5	.76	.63	.54	.47	.74	.62	.53	.45	.59	.52	.46	.46	.57	.51	.46	.45	.56	.50	.45	.43	.43	.43	.43	.43
6	.70	.56	.47	.41	.68	.55	.47	.39	.54	.46	.40	.40	.52	.45	.40	.40	.50	.44	.40	.38	.38	.38	.38	.38
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.36	.35	.47	.40	.35	.35	.46	.40	.35	.33	.33	.33	.33	.33
8	.60	.47	.38	.32	.59	.46	.38	.31	.45	.37	.32	.32	.43	.37	.32	.32	.42	.36	.31	.30	.30	.30	.30	.30
9	.56	.43	.35	.29	.55	.42	.34	.28	.41	.34	.29	.29	.40	.33	.29	.29	.39	.33	.28	.27	.27	.27	.27	.27
10	.53	.39	.32	.26	.51	.39	.31	.26	.38	.31	.26	.26	.37	.30	.26	.26	.36	.30	.26	.24	.24	.24	.24	.24

\*Complete IES files available on our website

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Signature: \_\_\_\_\_

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