

# Technical Information Bulletin

## Choice LED Panels



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

### ORDERING INFORMATION

**Order code:** 67158  
**Description:** PAN2X4/100-277/50W/40K/CHOICE/STD  
**UPC:** 69549671584  
**Case quantity:** 1  
**DLC ID:** PLTOPQAY5AFD



### PHYSICAL DATA

**Size in. (mm):** 47.7" x 23.74" (1 212 x 603 mm)  
**Lens Type:** Frosted Polystyrene  
**Frame Material:** White Aluminum Alloy  
**Mounting:** Recessed, suspended or surface

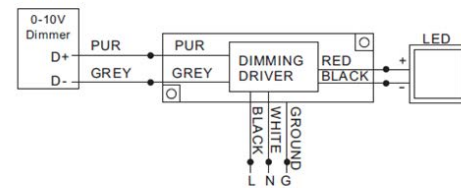
### PERFORMANCE DATA

**Watts (W):** 50  
**Volts (VAC):** 100-277  
**Colour temp. (K)<sup>1</sup>:** 4 000  
**Lumen output (lm)<sup>2</sup>:** 5 312  
**Lumen per Watts (lm/W):** 108  
**CRI:** 83  
**Life L70 (h)<sup>3</sup>:** 50 000  
**Beam angle (°)** V:112.8 / H:113.3  
**THD (%):** 120 V: 10.62 / 277 V:14.71  
**Power factor:** 120 V: 0.99 / 277 V:0.92  
**Frequency (Hz):** 60  
**Surge protection (Kv):** 1 554 V  
**Operating temp. range:** -20 to 40 °C (-4 to 104 °F)

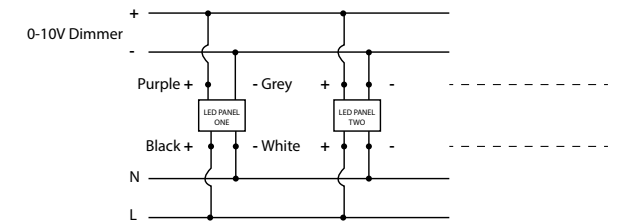
<sup>1</sup> Typical colour temperature range: +/- 5 %  
<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %  
<sup>3</sup> Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations

### 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

### DESCRIPTION AND OTHER OPTIONS

PAN2X4		/	100-277		/	50W		/	40K		/	CHOICE		/	STD	
Series and size		Volts		Watts		Colour Temperature		Sub-brand		Brand						
PAN1X4	Panel 1 feet x 4 feet	100-277	100-277 V	40 W	35K	3 500 K	CHOICE	Choice	STD	STANDARD						
PAN2X2	Panel 2 feet x 2 feet			50 W	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.  
 November 20, 2018

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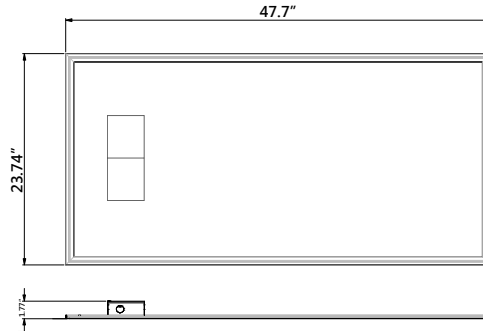
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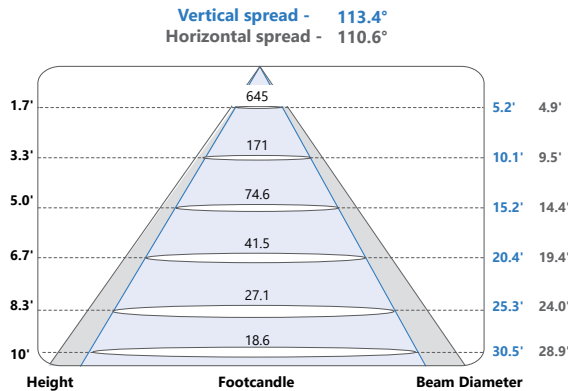
ORDER CODE: 67158

### TECHNICAL DRAWINGS AND DIMENSIONS

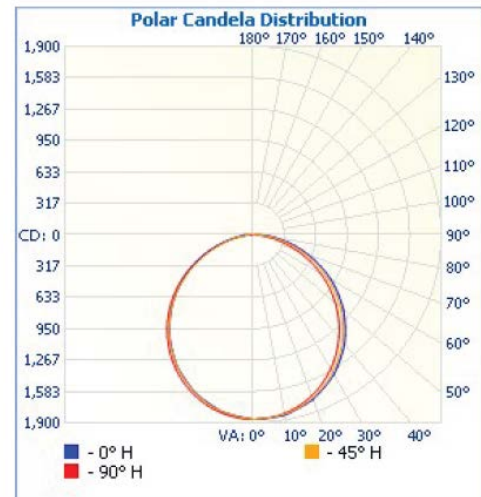
Length: 47.7" (1 212 mm)  
 Width: 23.74" (603 mm)  
 Depth with Driver: 1.77" (45 mm)  
 Height for Driver: 1.38" (35 mm)  
 Weight: 19.8lbs (9.0KG)



### BEAM SPREAD\*



### 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	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	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.02	1.02	1.00
1	1.09	1.04	1.00	.96	1.06	1.02	.98	.84	.97	.94	.91	.84	.93	.91	.88	.90	.88	.86	.86	.84	.84
2	.99	.90	.84	.78	.96	.89	.82	.71	.85	.80	.75	.75	.82	.77	.73	.79	.75	.72	.72	.70	.70
3	.90	.79	.71	.65	.88	.78	.70	.60	.75	.68	.63	.63	.72	.66	.62	.69	.65	.61	.61	.59	.59
4	.82	.70	.61	.55	.80	.69	.61	.52	.66	.59	.54	.54	.64	.58	.53	.62	.57	.52	.52	.50	.50
5	.76	.63	.54	.47	.74	.62	.53	.45	.60	.52	.46	.46	.58	.51	.46	.56	.50	.45	.45	.43	.43
6	.70	.57	.48	.41	.68	.56	.47	.40	.54	.46	.40	.40	.52	.45	.40	.50	.44	.40	.40	.38	.38
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.36	.36	.47	.41	.36	.46	.40	.35	.35	.33	.33
8	.60	.47	.38	.32	.59	.46	.38	.31	.45	.37	.32	.32	.43	.37	.32	.42	.36	.32	.32	.30	.30
9	.56	.43	.35	.29	.55	.42	.34	.28	.41	.34	.29	.29	.40	.33	.29	.39	.33	.29	.29	.27	.27
10	.53	.40	.32	.26	.52	.39	.31	.26	.38	.31	.26	.26	.37	.31	.26	.36	.30	.26	.26	.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: \_\_\_\_\_