

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: 67157
Description: PAN2X4/100-277/50W/35K/CHOICE/STD
UPC: 69549671577
Case quantity: 1
DLC ID: PL3FZRX5UJRG



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

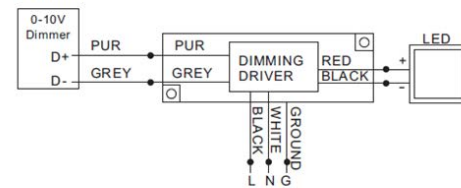
PERFORMANCE DATA

Watts (W): 50
Volts (VAC): 100-277
Colour temp. (K)¹: 3 500
Lumen output (lm)²: 5 194
Lumen per Watts (lm/W): 105
CRI: 83
Life L70 (h)³: 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)

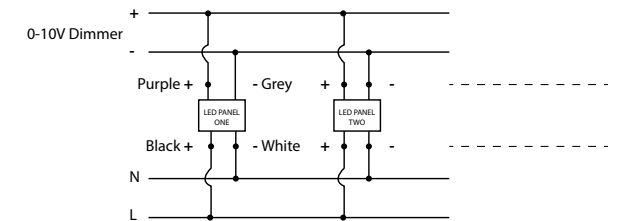
¹ Typical colour temperature range: +/- 5 %
² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %
³ Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations

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		/	35K		/	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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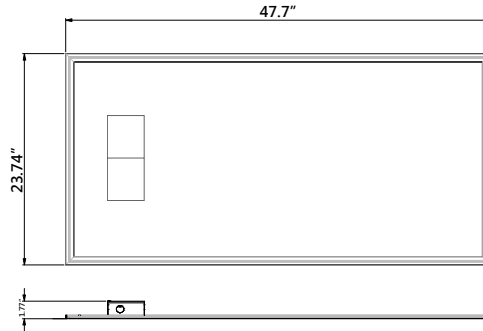
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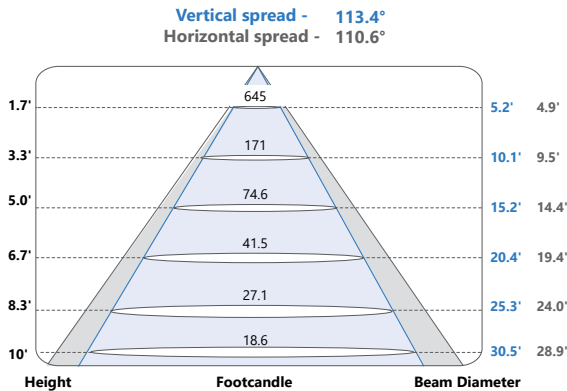
ORDER CODE: 67157

TECHNICAL DRAWINGS AND DIMENSIONS

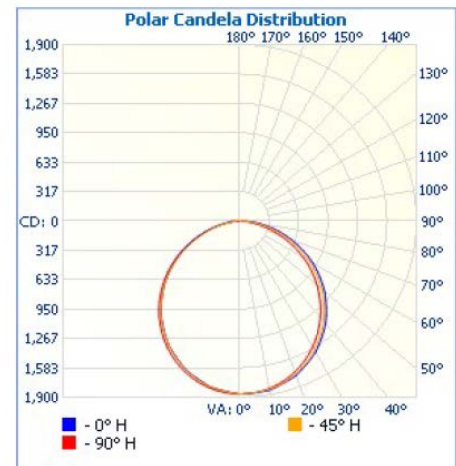
Length: 47.7" (1 212 mm)
Width: 23.74" (603 mm)
Depth with Driver: 1.77" (45 mm)
Height for Driver: 1.38" (35 mm)
Weight: 19.8lbs (9.0KG)



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