

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: 67153
Description: PAN1X4/100-277/40W/50K/CHOICE/STD
UPC: 69549671539
Case quantity: 1
DLC ID: PLL4CQBDNMZA



PHYSICAL DATA

Size in. (mm): 47 23/32" x 11 27/32" (1 212 x 301 mm)
Lens Type: Frosted Polystyrene
Frame Material: White Aluminum Alloy
Mounting: Recessed, suspended or surface

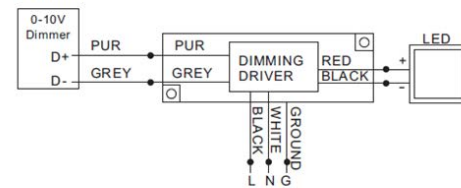
PERFORMANCE DATA

Watts (W): 40
Volts (VAC): 100-277
Colour temp. (K)¹: 5 000
Lumen output (lm)²: 4 368
Lumen per Watts (lm/W): 111
CRI: 83
Life L70 (h)³: 50 000
Beam angle (°) V:112.9 / H:113.2
THD (%): 120 V: 9.34 / 277 V:13.28
Power factor: 120 V: 0.99 / 277 V:0.90
Frequency (Hz): 60
Surge protection (Kv): 1 554 V
Operating temp. range: -20 to 40 °C (-4 to 104 °F)

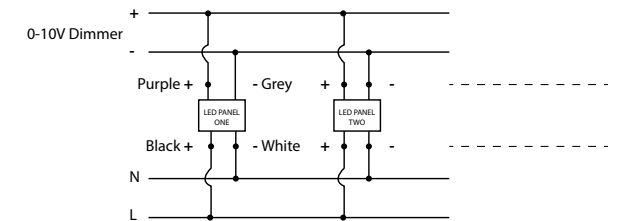
¹ Typical colour temperature range: +/- 5 %
² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %
³ Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations

WIRING DIAGRAM

Single luminaire



Multiple luminaires



COMPATIBLE ACCESSORIES

Order code	Description	Type
64826	LPAN/ACC/1X4/SMK/STD	Surface mount kit
64829	LPAN/ACC/1X4_2X4/SUSPENSION/STD	Suspension cable
63490	DRYWALL KIT FOR 1X4 FRT/STD	Drywall kit

DESCRIPTION AND OTHER OPTIONS

PAN1X4		/	100-277		/	40W		/	50K		/	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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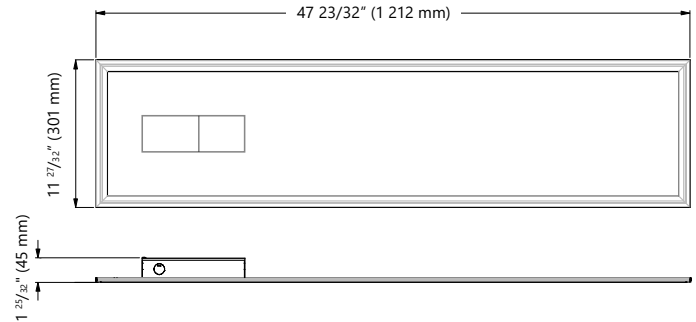
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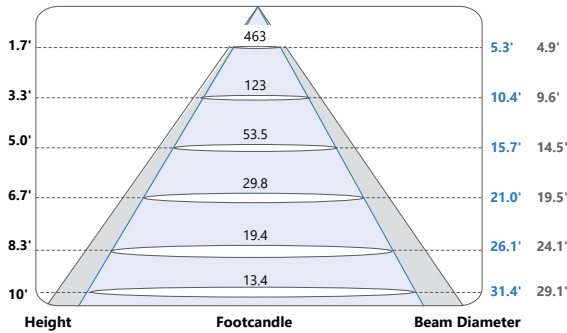
TECHNICAL DRAWINGS AND DIMENSIONS

Length: 47 23/32" (1 212 mm)
Width: 11 27/32" (301 mm)
Depth with Driver: 1 25/32" (45 mm)
Height for Driver: 1 3/8" (35 mm)
Weight: 10.58 lbs (4.8 kg)

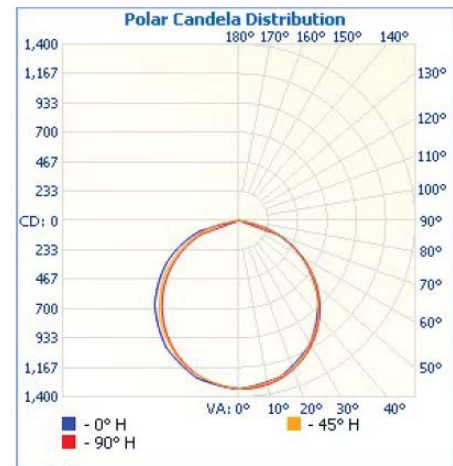


BEAM SPREAD*

Vertical spread - 115.0°
 Horizontal spread - 111.0°



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	50	30	20	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	1.02	1.02	1.02	1.00
1	1.10	1.05	1.01	.97	1.07	1.03	.99	.86	.99	.96	.93	.95	.92	.90	.91	.89	.87	.85
2	1.00	.92	.85	.80	.97	.90	.84	.73	.86	.81	.77	.83	.79	.75	.80	.77	.73	.71
3	.91	.81	.73	.66	.88	.79	.72	.62	.76	.70	.65	.73	.68	.63	.71	.66	.62	.60
4	.83	.71	.63	.56	.81	.70	.62	.53	.68	.61	.55	.65	.59	.54	.63	.58	.54	.51
5	.77	.64	.55	.48	.74	.63	.54	.46	.61	.53	.48	.59	.52	.47	.57	.51	.46	.44
6	.71	.57	.49	.42	.69	.56	.48	.41	.55	.47	.42	.53	.46	.41	.51	.45	.41	.39
7	.65	.52	.43	.37	.64	.51	.43	.36	.50	.42	.37	.48	.41	.36	.47	.41	.36	.34
8	.61	.47	.39	.33	.59	.47	.39	.32	.45	.38	.33	.44	.37	.33	.43	.37	.32	.30
9	.57	.44	.35	.30	.55	.43	.35	.29	.42	.35	.30	.41	.34	.29	.40	.34	.29	.27
10	.53	.40	.32	.27	.52	.40	.32	.26	.39	.32	.27	.38	.31	.27	.37	.31	.27	.25

*Complete IES files available on our website

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: _____
 Company: _____
 Signature: _____

Date: _____