

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: 67155
 Description: PAN2X2/100-277/40W/40K/CHOICE/STD
 UPC: 69549671553
 Case quantity: 1
 DLC ID: PLP42B0Y3GMC



PHYSICAL DATA

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

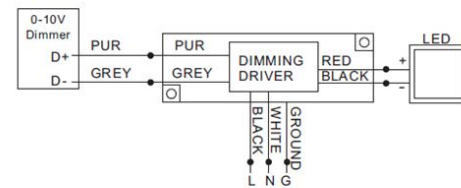
PERFORMANCE DATA

Watts (W): 40
 Volts (VAC): 100-277
 Colour temp. (K)¹: 4 000
 Lumen output (lm)²: 4 178
 Lumen per Watts (lm/W): 107
 CRI: 82
 Life L70 (h)³: 50 000
 Beam angle (°): V:113.8 / H:113
 THD (%): 120 V: 9.37 / 277 V:13.62
 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)

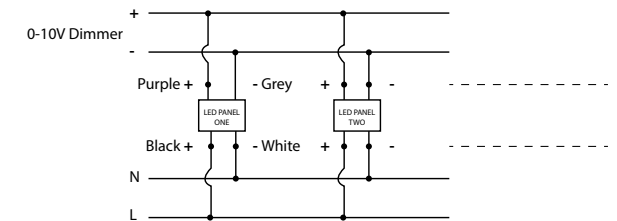
¹ Typical colour temperature range: +/- 5 %
² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %
³ Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations

WIRING DIAGRAM

Single luminaire



Multiple luminaires



COMPATIBLE ACCESSORIES

Order code	Description	Type
64825	LPAN/ACC/2X2/SMK/STD	Surface mount kit
64828	LPAN/ACC/2X2/SUSPENSION/STD	Suspension cable

DESCRIPTION AND OTHER OPTIONS

PAN2X2		/	100-277		/	40W		/	40K		/	CHOICE		/	STD	
Series and size			Volts			Watts			Colour Temperature			Sub-brand			Brand	
PAN1X4	Panel 1 foot 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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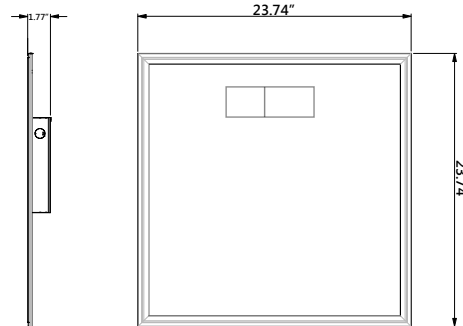
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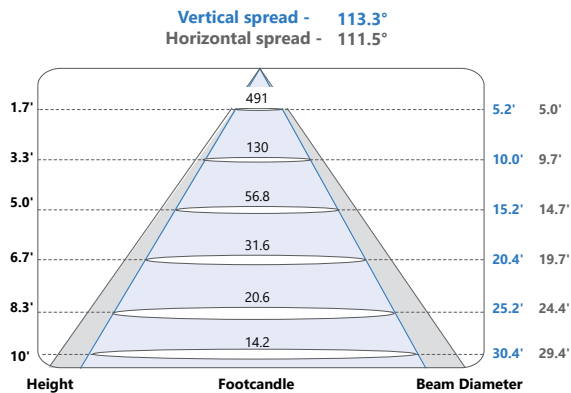
ORDER CODE: 67155

TECHNICAL DRAWINGS AND DIMENSIONS

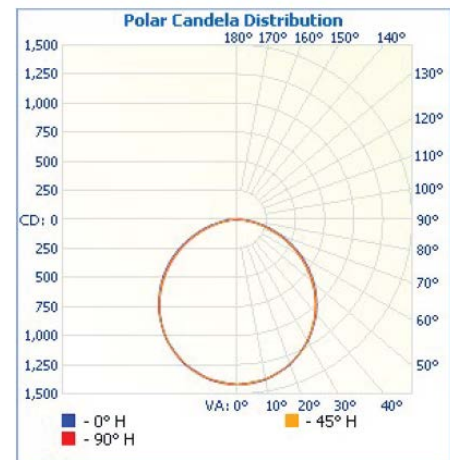
Length: 23.74" (603 mm)
 Width: 23.74" (603 mm)
 Depth with Driver: 1.77" (45 mm)
 Height for Driver: 1.38" (35 mm)
 Weight: 10.6lbs (4.8KG)



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	10	50	30	20	10	50	30	20	10	50	30	20	10
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	1.02	1.02	1.02	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	.86	.86	.86	.84
2	.99	.90	.84	.78	.96	.89	.82	.71	.85	.80	.75	.72	.82	.77	.73	.70	.79	.75	.72	.70	.72	.72	.72	.70
3	.90	.79	.71	.65	.88	.78	.70	.60	.75	.68	.63	.62	.72	.66	.62	.59	.69	.65	.61	.58	.61	.61	.61	.58
4	.82	.70	.61	.55	.80	.69	.61	.52	.66	.59	.54	.53	.64	.58	.53	.52	.62	.57	.52	.50	.52	.52	.52	.50
5	.76	.63	.54	.47	.74	.62	.53	.45	.59	.52	.46	.46	.58	.51	.46	.45	.56	.50	.45	.43	.45	.45	.45	.43
6	.70	.56	.47	.41	.68	.56	.47	.40	.54	.46	.40	.40	.52	.45	.40	.40	.50	.44	.40	.38	.40	.40	.40	.38
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.36	.36	.47	.41	.35	.35	.46	.40	.35	.33	.35	.35	.35	.33
8	.60	.47	.38	.32	.59	.46	.38	.31	.45	.37	.32	.32	.43	.37	.32	.32	.42	.36	.32	.30	.32	.32	.32	.30
9	.56	.43	.35	.29	.55	.42	.34	.28	.41	.34	.29	.29	.40	.33	.29	.29	.39	.33	.28	.27	.29	.29	.29	.27
10	.53	.40	.32	.26	.52	.39	.31	.26	.38	.31	.26	.26	.37	.31	.26	.26	.36	.30	.26	.24	.26	.26	.26	.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: _____