

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: 67215
Description: PAN2X2/100-347/40W/40K/PRO/STD
UPC: 69549672154
Case quantity: 2
DLC Premium: PLPHSJ60MOHI



PHYSICAL DATA

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

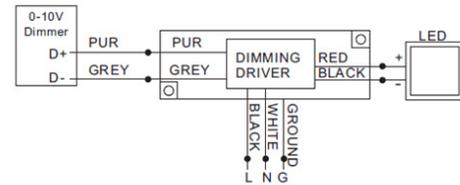
PERFORMANCE DATA

Watts (W): 40
Volts (VAC): 100-347
Colour temp. (K)¹: 4 000
Lumen output (lm)²: 4 936
Lumen per Watts (lm/W): 125
CRI: 80
Life L70 (h)³: 50 000
Beam angle (°): 120
THD (%): **120 V:** 7.86 / **347 V:** 19.28
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)

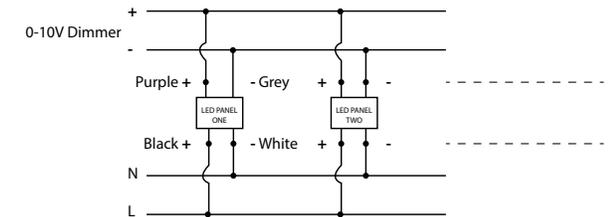
¹ Typical colour temperature range: +/- 5 %
² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %
³ Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations

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

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

PAN2X2		/	100-277	/	40W	/	40K	/	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

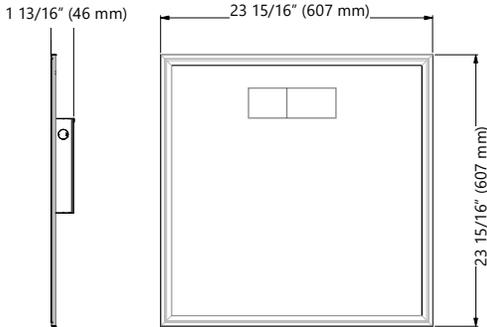
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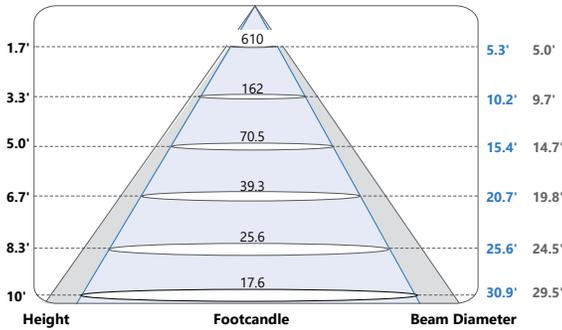
TECHNICAL DRAWINGS AND DIMENSIONS



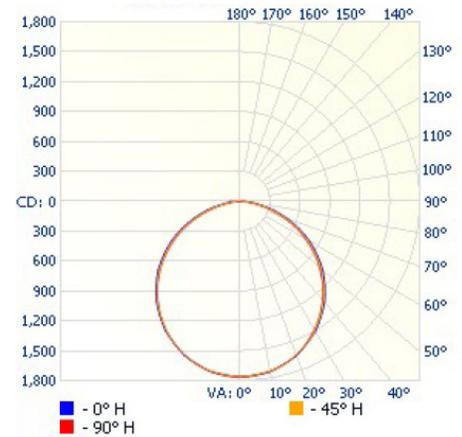
Length: 23 15/16" (607 mm)
Width: 23 15/16" (607 mm)
Depth with Driver: 1 13/16" (46 mm)
Height for Driver: 3/8" (9.6 mm)
Weight: 10.6lbs (4.8KG)

BEAM SPREAD*

Vertical spread - 114.2°
Horizontal spread - 111.7°



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	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	1.09	1.04	1.00	.96	1.06	1.02	.98	.85	.97	.94	.91	.94	.91	.88	.90	.88	.86	.84
2	.99	.91	.84	.78	.96	.89	.82	.71	.85	.80	.75	.82	.77	.73	.79	.75	.72	.70
3	.90	.79	.71	.65	.88	.78	.70	.60	.75	.68	.63	.72	.67	.62	.70	.65	.61	.59
4	.82	.70	.62	.55	.80	.69	.61	.52	.66	.59	.54	.64	.58	.53	.62	.57	.52	.50
5	.76	.63	.54	.47	.74	.62	.53	.45	.60	.52	.46	.58	.51	.46	.56	.50	.45	.43
6	.70	.57	.48	.41	.68	.56	.47	.40	.54	.46	.41	.52	.45	.40	.50	.44	.40	.38
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.36	.47	.41	.36	.46	.40	.35	.33
8	.60	.47	.38	.32	.59	.46	.38	.31	.45	.37	.32	.43	.37	.32	.42	.36	.32	.30
9	.56	.43	.35	.29	.55	.42	.34	.28	.41	.34	.29	.40	.33	.29	.39	.33	.28	.27
10	.53	.40	.32	.26	.52	.39	.31	.26	.38	.31	.26	.37	.31	.26	.36	.30	.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: _____