

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: 66979
 Description: LPAN/S2/2X2/120-347V-DIM/40W/30K/STD
 UPC: 69549669796
 Case quantity: 1
 DLC Premium: PL27IMUDORS4



PHYSICAL DATA

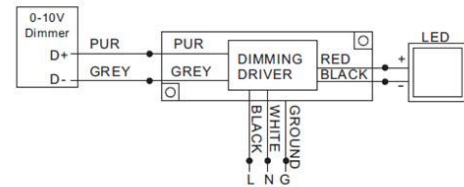
Size in. (mm): 23.74" x 23.74" (603 x 603 mm)
 Lens Type: Frosted Polycarbonate
 Frame Material: Aluminum
 Mounting: Recessed, suspended or surface

PERFORMANCE DATA

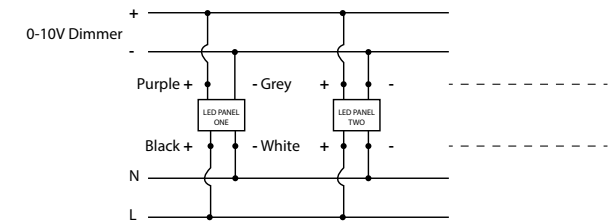
Watts (W): 40
 Volts (VAC): 120-347
 Colour temp. (K): 3 000
 Lumen output (lm): 3 860
 Lumen per Watts (lm/W): 102
 CRI: 81
 Life (L70): 121 000
 Life (L90): 37 000
 Beam angle (°): 120
 THD (%): <20%
 Power factor: >0.9
 Dim Down Percentage (10%): 10%
 Frequency (Hz): 50/60
 Operating temp. range: -20 to 40 °C (-4 to 104 °F)

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, NTFV

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

LPAN	/	S2	/	2X2	/	120-347V-DIM	/	40W	/	30K	/	STD	
Family		Series		Size		Volts		Watts		Colour Temperature		Brand	
LPAN	LED Panels	S2	Series 2	1X4 2X2 2X4	1 feet X 4 feet 2 feet X 2 feet 2 feet X 4 feet	120-347V-DIM	120-347 Volt Dimmable 0-10V	40W 50W	40 Watts 50 Watts	30K 35K 40K 50K	3 000 K 3 500 K 4 000 K 5 000 K	STD	STANDARD

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, 2018

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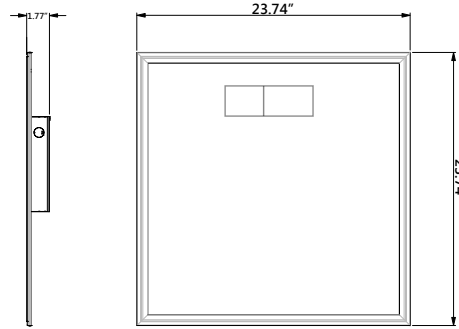
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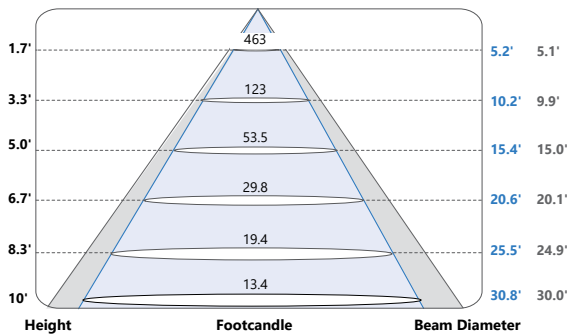
TECHNICAL DRAWINGS AND DIMENSIONS

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)

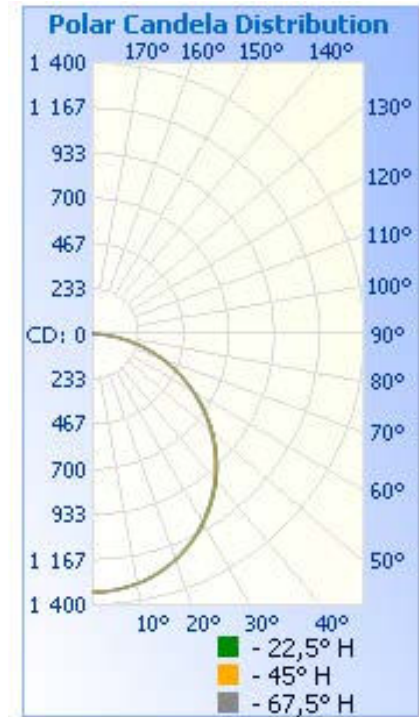


BEAM SPREAD*

Vertical spread - 114.0°
 Horizontal spread - 112.5°



CANDELA DISTRIBUTION*



COEFFICIENTS OF UTILIZATION (ZONAL CAVITY METHOD)*

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	1,06	1,02	1,02	1,02	1,02	1,00
1	1,09	1,04	,99	,95	1,06	1,01	,97	,84	,97	,94	,91	,91	,93	,90	,88	,88	,90	,87	,85	,83	,83
2	,99	,90	,83	,77	,96	,88	,82	,70	,85	,79	,75	,75	,81	,77	,73	,73	,78	,75	,71	,69	,69
3	,90	,79	,71	,64	,87	,77	,70	,60	,74	,68	,62	,62	,72	,66	,61	,61	,69	,64	,60	,58	,58
4	,82	,70	,61	,54	,80	,69	,60	,51	,66	,59	,53	,53	,64	,57	,52	,52	,61	,56	,52	,49	,49
5	,75	,62	,53	,47	,73	,61	,53	,44	,59	,52	,46	,46	,57	,50	,45	,45	,55	,49	,45	,43	,43
6	,70	,56	,47	,41	,68	,55	,47	,39	,53	,46	,40	,40	,52	,45	,40	,40	,50	,44	,39	,37	,37
7	,64	,51	,42	,36	,63	,50	,42	,35	,48	,41	,35	,35	,47	,40	,35	,35	,46	,39	,35	,33	,33
8	,60	,46	,38	,32	,58	,46	,37	,31	,44	,37	,32	,32	,43	,36	,31	,31	,42	,36	,31	,29	,29
9	,56	,43	,34	,29	,55	,42	,34	,28	,41	,34	,28	,28	,40	,33	,28	,28	,39	,33	,28	,26	,26
10	,53	,39	,31	,26	,51	,39	,31	,25	,38	,31	,26	,26	,37	,30	,26	,26	,36	,30	,26	,24	,24

*Complete IES files available on our website

WARNINGS AND IMPORTANT INFORMATION

- Installation and maintenance must be performed by licensed electricians only.
- To avoid risk of electric shock, make sure to turn off main power switch prior to installation or maintenance.
- Must be installed in compliance with Canadian Electrical Code in Canada or National Electrical Code (NEC) in the US.
- Make sure input voltage and frequency are compatible with the fixture. Check product manual for power requirements prior to installation.

WARNING - Risk of Electric Shock

- Must be grounded
- Minimum 90 °C supply conductors
- Access above ceiling is required
- Inherently protected
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved

Qty	Description	Price

I accept the specifications of the luminaire configuration mentioned above.

Name: _____
 Company: _____
 Signature: _____

Date: _____