

Date: _____
 In hands date of project: _____
 Project name/Number: _____
 Name of distributor: _____
 Client #: _____
 Name of end user: _____



Width : 1 ft. (301 mm) Length : 4 ft. (1 212 mm)

ORDERING INFORMATION

Order code: 66089
 Description: LPAN/S2/1X4/120-347V-DIM/40W/50K/STD
 Dimensions: 1X4
 UPC: 69549660892
 Case quantity: 1

FEATURES AND SPECIFICATIONS

Optical System: Optical system utilizes a unique combination of reflective and refractive optical components to achieve a uniform, comfortable appearance

Lens Type: Frosted Polycarbonate

Frame Material: Aluminum

Luminaire Description: Dimmable LED panels provide an optimal alternative to traditional fluorescent luminaires. Each panel is designed to output a perfectly even, bright, edge to edge illumination across the surface of the panel.

Applications: Perfect for offices, schools, hospitals and commercial buildings.

Type of Dimming: Source

Environment: Dry/Damp Location

Mounting: Recessed, suspendend or surface

DLC: DLC Premium



UNIVERSAL
VOLTAGE



DAMP



DIMMABLE



RATING



PRORATED
WARRANTY



Intertek



FIXTURE PERFORMANCE

Watts (W): 40
 Colour temperature (K): 5 000
 CRI: Ra>80
 Glare rating (UGR): > 19
 70% lumen maintenance in hours (L70) : 121 000
 90% lumen maintenance in hours (L90) : 40 000
 Lumens (lm): 4 731
 Efficacy (LPW): 125
 Beam angle (°): 120
 Input Current (mA): 960
 Dimming: 0-10 V Source (10 mA)
 Dim Down Percentage (10%): 10%
 Frequency (Hz): 50/60
 Surge protection (Kv): 1

POWER FACTOR (PF)

>0.9

TOTAL HARMONIC DISTORTION (THD)

<20%

VOLTS (V)

100-347

AMBIENT OPERATING TEMPERATURES

-20~40°C (-4~104°F)

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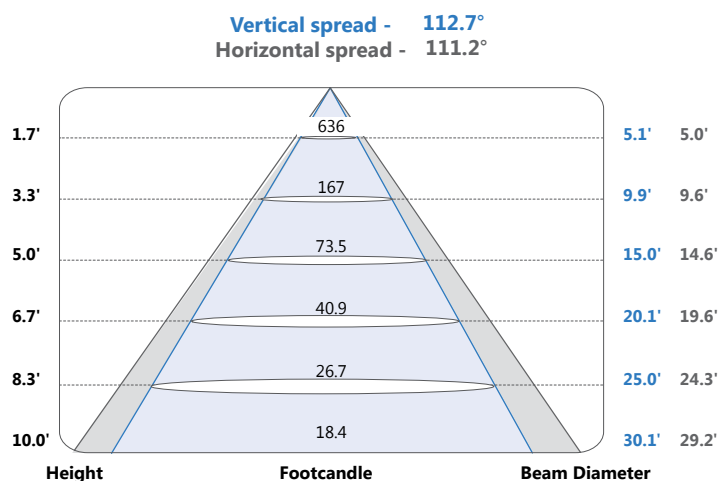
MAXIMUM NUMBERS OF PANELS ON A DIMMER

15mA 0-10V Dimmer : Maximum 140 panels
 30mA 0-10V Dimmer : Maximum 280 panels

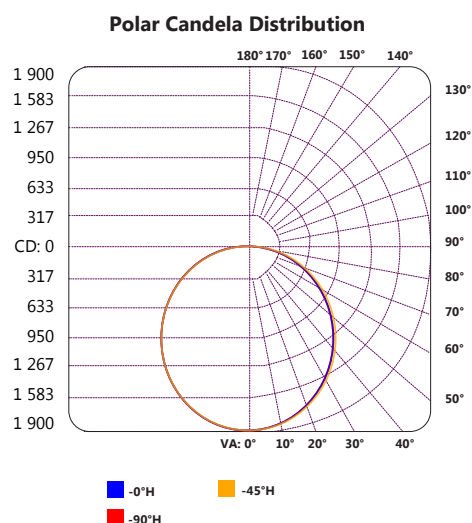
COMPATIBLE DIMMER LIST

LEVITON	IPL710-DL
LUTRON	NTFTV

PHOTOMETRICS - BEAM SPREAD*



PHOTOMETRICS - CANDELA DISTRIBUTION*



PHOTOMETRICS - 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	10	50	30	20	10	50	30	20	10	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	1.02	1.02	1.02	1.02	1.02	1.00
1	1.09	1.05	1.01	.97	1.07	1.02	.99	.86	.98	.95	.92	.85	.94	.92	.90	.81	.89	.87	.87	.85	.85
2	.99	.91	.85	.79	.97	.89	.83	.72	.86	.81	.76	.67	.83	.78	.75	.68	.76	.73	.73	.71	.71
3	.91	.80	.72	.66	.88	.79	.71	.61	.76	.69	.64	.55	.73	.67	.63	.58	.66	.62	.62	.60	.60
4	.83	.71	.62	.56	.81	.70	.62	.53	.67	.60	.55	.46	.65	.59	.54	.50	.57	.53	.53	.51	.51
5	.76	.63	.55	.48	.74	.62	.54	.46	.60	.53	.47	.38	.58	.52	.47	.43	.51	.46	.46	.44	.44
6	.70	.57	.48	.42	.68	.56	.48	.40	.54	.47	.41	.32	.53	.46	.41	.38	.45	.40	.40	.38	.38
7	.65	.52	.43	.37	.64	.51	.43	.36	.49	.42	.36	.27	.48	.41	.36	.33	.41	.36	.36	.34	.34
8	.61	.47	.39	.33	.59	.47	.38	.32	.45	.38	.33	.24	.44	.37	.32	.30	.37	.32	.32	.30	.30
9	.57	.43	.35	.30	.55	.43	.35	.29	.42	.34	.29	.21	.40	.34	.29	.27	.33	.29	.29	.27	.27
10	.53	.40	.32	.27	.52	.39	.32	.26	.38	.31	.27	.19	.37	.31	.26	.24	.31	.26	.26	.25	.25

CAN ICES-005 (A) / NMB-005 (A)

This lighting equipment complies with Canadian standard ICES-005; for use in commercial 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.
 December 13, 2017

ORDERING INFORMATION

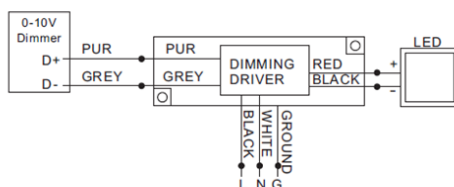
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DIMENSIONS

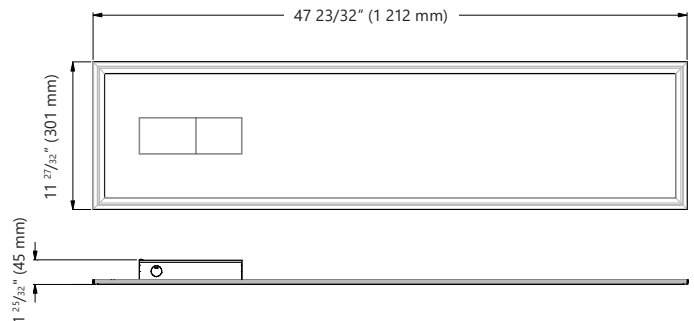
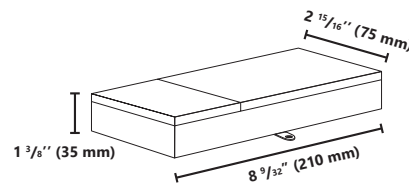
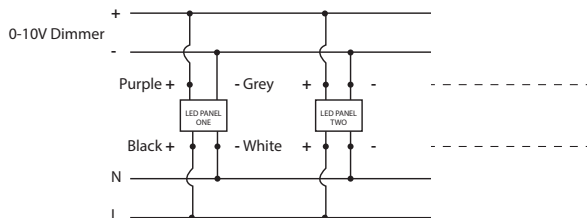
Length: $47 \frac{23}{32}$ " (1 212 mm)
 Width: $11 \frac{27}{32}$ " (301 mm)
 Depth with Driver: $1 \frac{25}{32}$ " (45 mm)
 Height for Driver: $1 \frac{3}{8}$ " (35 mm)
 Weight: 10.58 lbs (4.8KG)

WIRING DIAGRAM

Single luminaire



Multiple luminaires



WARNINGS AND IMPORTANT INFORMATION

- STANDARD'S LED Panels are a recessed lighting fixture for use in standard commercial ceiling grids – typically used to replace STANDARD fluorescent lamp fixtures.
- 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, Suitable for damp and dry locations.

- Must be grounded
- Minimum 90 °C supply conductors
- Access above ceiling is required
- Type IC
- Vapor barrier must be suitable for 90 °C
- Inherently protected
- Damp and dry locations only
- 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: _____