

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



Width : 23.74" (60.3 cm) Length : 23.74" (60.3 cm)

## ORDERING INFORMATION

Order code: 65544  
 Description: LPAN/S2/2X2/120-347V-DIM/40W/50K/STD  
 Dimensions: 2X2  
 UPC: 69549655447  
 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:** Branded Polystyrene light guide plate with perfect laser screening and light distribution technology

**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



CAN ICES-005 (A) / NMB-005 (A) - This lighting equipment complies with Canadian standard ICES-005 for use in residential applications.

## FIXTURE PERFORMANCE

Watts (W): 40  
 Colour temperature: 5 000  
 CRI: Ra>80  
 Glare Rating: >19  
 70% lumen maintenance in hours (L70): 121 000 hrs  
 90% lumen maintenance in hours (L90): 37 000 hrs  
 Lumens: 5 034  
 Efficacy (LPW): 125  
 Beam angle (°): 120  
 Input Current (Ma): 960  
 Surge protection (KV): 1  
 Dimming: 0-10 V Source (10 mA)  
 Dim Down Percentage: 10%  
 Frequency (Hz): 50/60

## POWER FACTOR (PF)

>0.9

## TOTAL HARMONIC DISTORTION (THD)

<20%

## VOLTAGE (V)

100-347

## AMBIENT OPERATING TEMPERATURES

-20~40°C (-4~104°F)

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.

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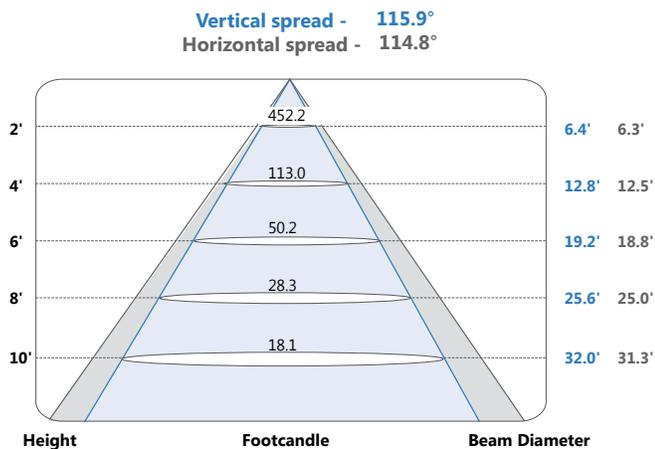
## MAXIMUM NUMBERS OF PANELS ON A DIMMER

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

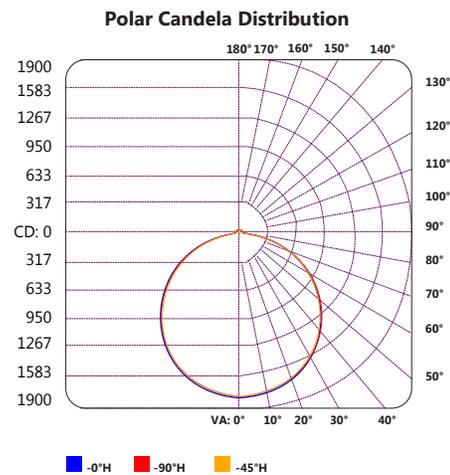
## COMPATIBLE DIMMER LIST

LEVITON	IP710-DL
LUTRON	NFTV, NTFTV
STANDARD	61989 Transceiver

## PHOTOMETRICS - BEAM SPREAD\*



## PHOTOMETRICS - CANDELA DISTRIBUTION\*



## PHOTOMETRICS - 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	0	50	30	20	0	50	30	20	0	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	1.06	1.02	1.02	1.02	1.02	1.00	1.00	1.00	1.00	1.00
1	1.09	1.04	1.00	.96	1.06	1.02	.98	.85	.98	.94	.91	.89	.94	.91	.89	.90	.88	.86	.86	.84	.84	.84	.84	.84
2	.99	.90	.84	.78	.96	.89	.82	.71	.85	.80	.75	.73	.82	.77	.73	.79	.75	.72	.72	.69	.69	.69	.69	.69
3	.90	.79	.71	.64	.87	.78	.70	.60	.75	.68	.63	.61	.72	.66	.61	.69	.64	.60	.60	.58	.58	.58	.58	.58
4	.82	.70	.61	.54	.80	.69	.60	.51	.66	.59	.53	.53	.64	.57	.52	.62	.56	.52	.52	.49	.49	.49	.49	.49
5	.75	.62	.53	.47	.73	.61	.53	.45	.59	.52	.46	.46	.57	.50	.45	.55	.49	.45	.45	.43	.43	.43	.43	.43
6	.70	.56	.47	.41	.68	.55	.47	.39	.53	.46	.40	.40	.52	.45	.40	.50	.44	.39	.39	.37	.37	.37	.37	.37
7	.64	.51	.42	.36	.63	.50	.42	.35	.48	.41	.35	.35	.47	.40	.35	.46	.39	.35	.35	.33	.33	.33	.33	.33
8	.60	.46	.38	.32	.58	.46	.37	.31	.44	.37	.31	.31	.43	.36	.31	.42	.36	.31	.31	.29	.29	.29	.29	.29
9	.56	.42	.34	.29	.55	.42	.34	.28	.41	.33	.28	.28	.40	.33	.28	.39	.32	.28	.28	.26	.26	.26	.26	.26
10	.52	.39	.31	.26	.51	.39	.31	.25	.38	.31	.26	.26	.37	.30	.26	.36	.30	.25	.25	.24	.24	.24	.24	.24

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 July 10, 2017

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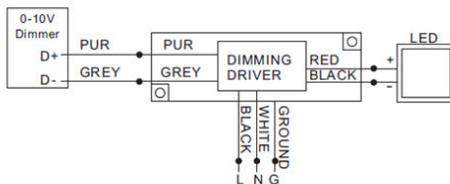
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## DIMENSIONS

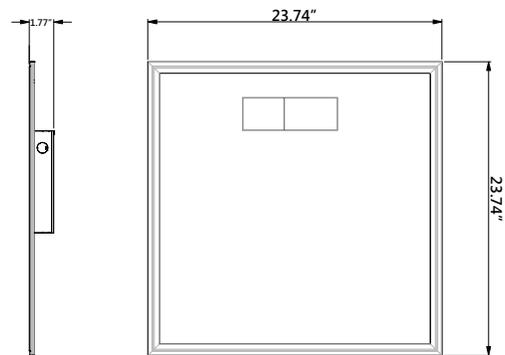
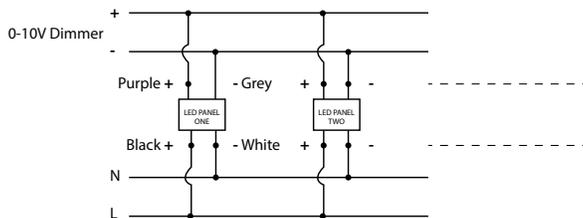
Length: 23.74" (60.3 cm)  
 Width: 23.74" (60.3 cm)  
 Depth with Driver: 1.77" (45 mm)  
 Height for driver: 1.38" (35 mm)  
 Weight: 10.6lbs (4.8KG)

## 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: \_\_\_\_\_