

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: 65543
 Description: LPAN/S2/2X2/120-347V-DIM/40W/40K/STD
 Dimensions: 2X2
 UPC: 69549655430
 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: 4 000
 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: 4 926
 Efficacy (LPW): 123
 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)

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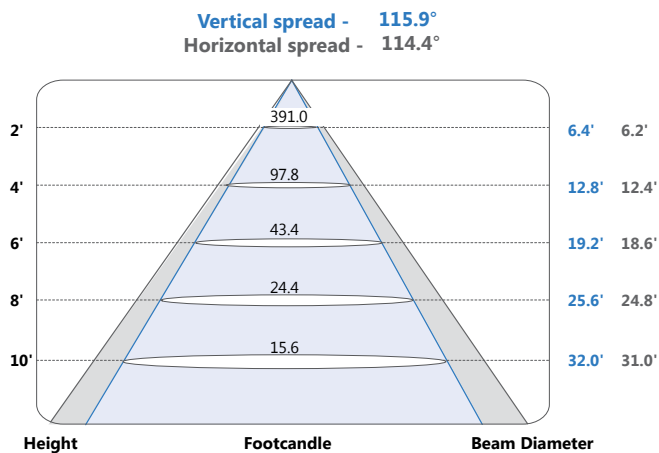
MAXIMUM NUMBERS OF PANELS ON A DIMMER

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

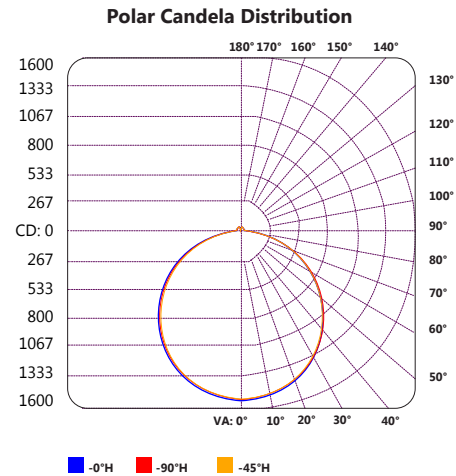
COMPATIBLE DIMMER LIST

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	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	1.09	1.04	1.00	.96	1.06	1.02	.98	.85	.98	.95	.92	.84	.94	.91	.89	.86	.86	.86	.86	.84	.84
2	.99	.91	.84	.78	.96	.89	.82	.71	.85	.80	.75	.67	.82	.78	.74	.71	.71	.71	.71	.70	.70
3	.90	.79	.71	.65	.88	.78	.70	.60	.75	.68	.63	.56	.72	.67	.62	.59	.59	.59	.59	.59	.59
4	.82	.70	.61	.55	.80	.69	.61	.52	.66	.59	.53	.47	.64	.58	.53	.50	.50	.50	.50	.50	.50
5	.76	.63	.54	.47	.74	.62	.53	.45	.59	.52	.46	.41	.57	.51	.46	.44	.44	.44	.44	.44	.44
6	.70	.56	.47	.41	.68	.55	.47	.39	.54	.46	.40	.36	.52	.45	.40	.38	.38	.38	.38	.38	.38
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.36	.33	.47	.40	.35	.34	.34	.34	.34	.34	.34
8	.60	.47	.38	.32	.59	.46	.38	.31	.44	.37	.32	.30	.43	.36	.32	.31	.31	.31	.31	.31	.31
9	.56	.43	.34	.29	.55	.42	.34	.28	.41	.34	.29	.28	.40	.33	.28	.28	.28	.28	.28	.28	.28
10	.53	.39	.31	.26	.51	.39	.31	.26	.38	.31	.26	.26	.37	.30	.26	.26	.26	.26	.26	.26	.26

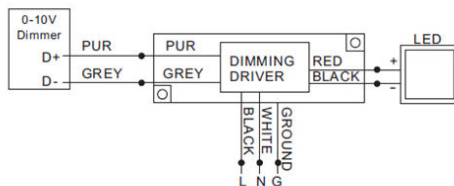
Data is based upon tests performed in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.
 July 10, 2017

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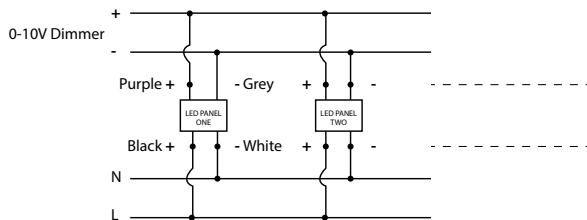
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WIRING DIAGRAM

Single luminaire



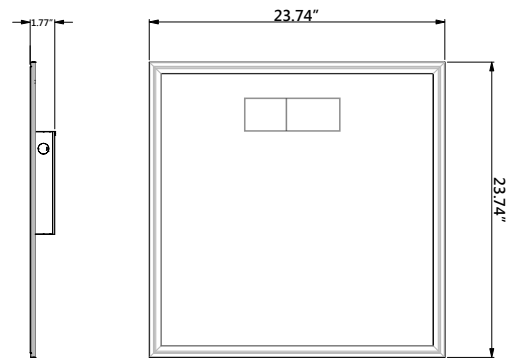
Multiple luminaires



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)

TECHNICAL DRAWINGS



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: _____