



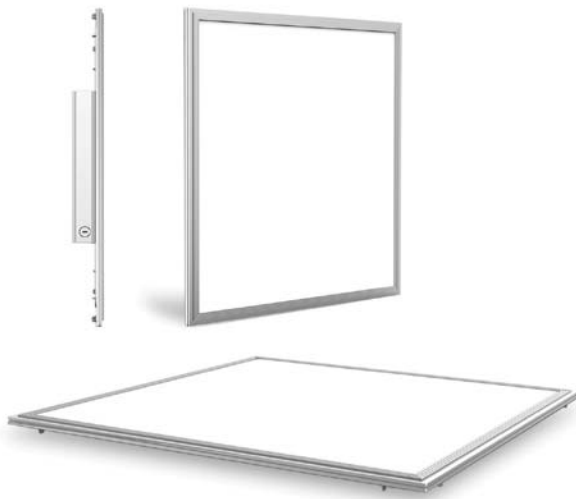
Project _____
 Part No. _____
 Quantity _____
 Date _____

Excellence in LED Lighting

www.axleninc.com

e-Solis™ LED Panel Light 2Ft x 2Ft - Dimmable

Efficacy up to 140 lm/W



- New Generation Lighting Panel
- Elegant Low Profile Design
- Efficient Edge Lit LED Architecture
- Smooth Lighting Distribution
- Directional or Diffuse Light Output
- Proprietary Low-Glare Optical Films
- Suspended or Embedded Applications

Key Panel Specifications ¹

Model ²	Input (VAC)	Wattage	Beam Angle	Output Light	CBCP ³ (6 ft)	CRI ⁴	CCT ⁵
AX-PL2-32W30K	100-277	32W	110°	4130 lm	480 lux	85	3000K (warm)
AX-PL2-32W40K	100-277	32W	110°	4290 lm	500 lux	85	4000K (neutral)
AX-PL2-32W50K	100-277	32W	110°	4500 lm	520 lux	82	5000K (cool)
AX-PL2-50W30K	100-277	47W	110°	5900 lm	690 lux	84	3000K (warm)
AX-PL2-50W40K	100-277	47W	110°	6110 lm	710 lux	84	4000K (neutral)
AX-PL2-50W50K	100-277	47W	110°	6400 lm	750 lux	82	5000K (cool)
AX-PL2-32W30K-D	100-277	32W	50°	3720 lm	1280 lux	85	3000K (warm)
AX-PL2-32W40K-D	100-277	32W	50°	3850 lm	1330 lux	85	4000K (neutral)
AX-PL2-32W50K-D	100-277	32W	50°	4050 lm	1390 lux	82	5000K (cool)
AX-PL2-50W30K-D	100-277	47W	50°	5310 lm	1830 lux	84	3000K (warm)
AX-PL2-50W40K-D	100-277	47W	50°	5500 lm	1890 lux	84	4000K (neutral)
AX-PL2-50W50K-D	100-277	47W	50°	5760 lm	1980 lux	82	5000K (cool)

1. Due to our continuous improvement program, all specifications are subject to change and Axlen reserves the right of final interpretation.
 2. Additional 3500K and 4500K color temperature versions are also available. Directional output versions (-D), US patent pending, do not appear on the DesignLights Consortium® Qualified Products List, since there is no appropriate application category.
 3. CBCP, the center beam candlepower, is the luminous intensity at the center of the beam, expressed in lux.
 4. CRI is the color rendering index.
 5. CCT is the correlated color temperature.

For more information, contact sales@axleninc.com

Features

- Replacement for a 3 x 32W fluorescent tube 2' x 2' troffer- low profile recess light
- Smooth diffuse light output with minimal glare
- Suspended or embedded application, suitable for damp locations
- Integral power supply, power factor > 0.9 and drive for external smart lighting sensor
- Fully dimmable with 0-10V control input
- Optional intelligent control capability with CLEON remote accessory
- Energy saving of 50% or more
- Optional proprietary directional output (US Patent pending)
- No UV or unwanted heat
- Mercury free and RoHS compliant
- Warranty 5 years (Estimated L90 up to 60,000hrs; L70 > 200,000hrs)⁶
- Full industry compliance- UL/cUL, FCC, CE, DLC Premium, CA Title 24, Lighting Facts[®], LM79, LM80 LEDs

Accessories

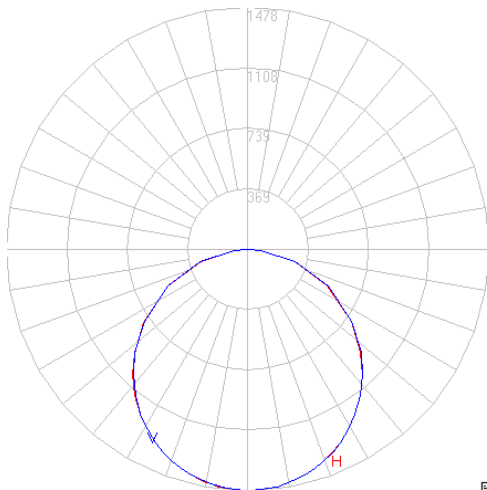
e-Solis suspension kits, SK-48W and SK-48; and surface mount kits, SM-22; are available for different installations, please contact sales@axleninc.com for more details.

All e-Solis panels are plug and play compatible with the CLEON intelligent lighting control system and are available with an emergency backup option (-E version), please contact sales@axleninc.com for more details.

Lighting Distribution

The panel photometry is taken from an accredited testing laboratory in accordance with IESNA LM-79-08. Typical results are shown for AX-PL2-32W30K (smooth diffuse output) and AX-PL2-32W40K-D (directional output) panels (see www.axleninc.com for detailed photometric data).

AX-PL2-32W40K



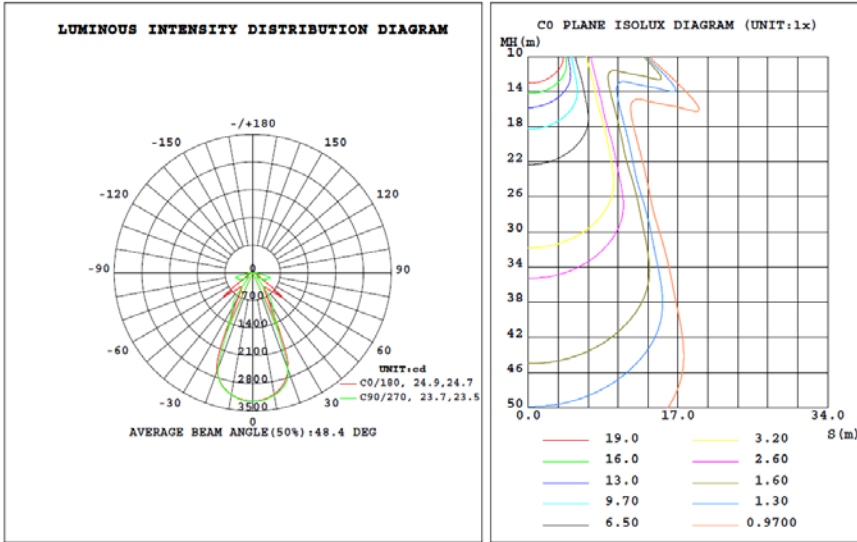
Zonal Lumen Summary

Zone	Lumens
0-20	540.36
0-30	1148.15
0-40	1882.42
0-60	3340.04
0-80	4191.72
0-90	4283.49
10-90	4143.7
20-40	1342.06
20-50	2106.11
40-70	1992.06
60-80	851.67
70-80	317.24
80-90	91.78

6. For AX-PL2-32WYK models, L90 > 60,000 hrs and L70 > 200,000 hrs; for AX-PL2-50WYK models, L90 > 40,000 hrs and L70 > 150,000 hrs. For more information, contact sales@axleninc.com

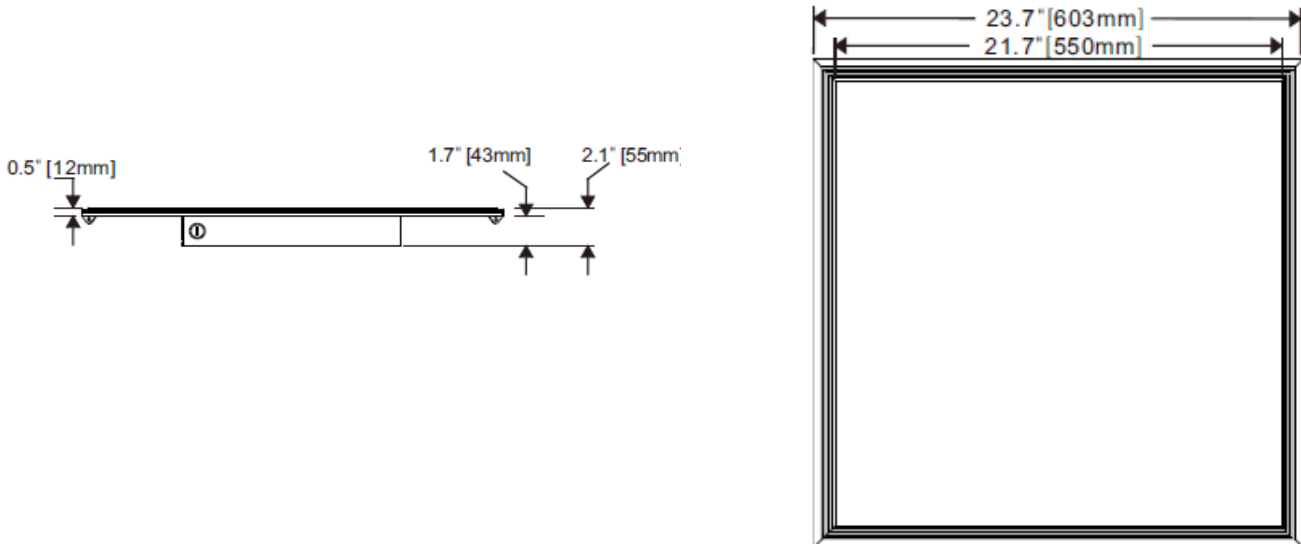
Lighting Distribution (cont)

AX-PL2-32W40K-D



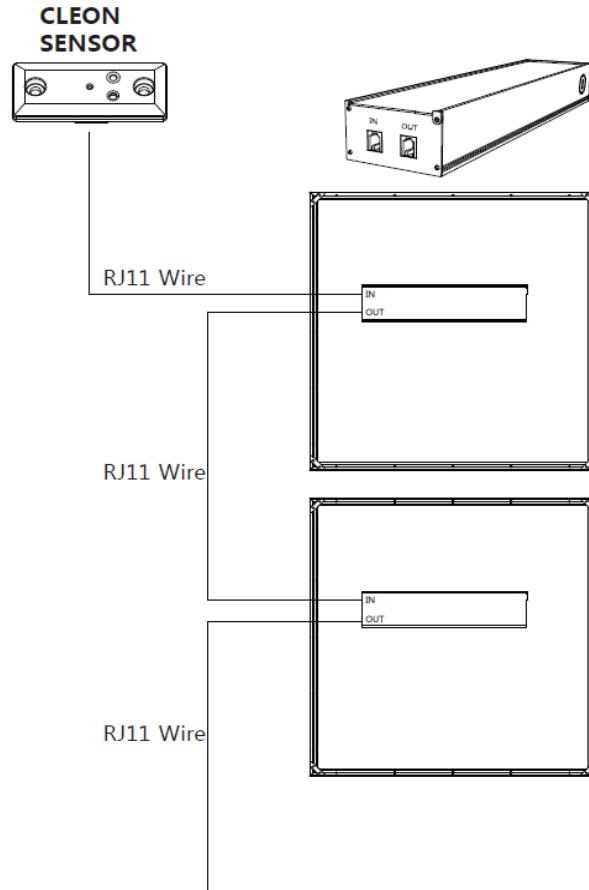
Physical Specifications (Dimensions in inches/mm)

Panel Weight: 14.3lb/6.5kg



Wiring Diagrams

Wiring Configuration for a Smart Lighting Sensor with Multiple Panels

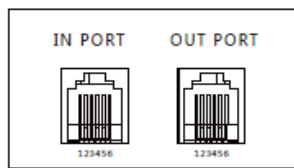


Smart Lighting Sensor Connections

PANEL LIGHT PORTS

IN PORT

- 1 NC
- 2 12-24VDC
- 3 GND
- 4 0-10V Dimming
- 5 NC
- 6 NC

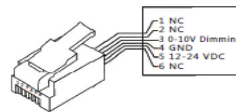


OUT PORT

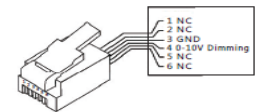
- 1 NC
- 2 NC
- 3 0-10V Dimming
- 4 GND
- 5 NC
- 6 NC

CONNECTION TO PANEL

IN PORT



OUT PORT



All e-Solis panels are fully dimmable with 0-10V control from most industry brand sensors (shown with a CLEON sensor).



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