



Project _____
 Part No. _____
 Quantity _____
 Date _____

Excellence in LED Lighting

www.axleninc.com

e-Solis LED Panel Light 1Ft x 4Ft - Dimmable

Efficacy up to 131 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	Efficacy ³	CRI ⁴	CCT ⁵
AX-PL1-32W30K	100-277	32W	110°	4000 lm	124	85	3000K (warm)
AX-PL1-32W40K	100-277	32W	110°	4200 lm	130	85	4000K (neutral)
AX-PL1-32W50K	100-277	32W	110°	4300 lm	131	82	5000K (cool)
AX-PL1-50W30K	100-277	50W	110°	5600 lm	116	85	3000K (warm)
AX-PL1-50W40K	100-277	50W	110°	6000 lm	123	85	4000K (neutral)
AX-PL1-50W50K	100-277	50W	110°	6100 lm	124	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.
 3. Efficacy is the fixture light output efficiency (lumen output per input wattage, including driver), expressed in lm/W.
 4. CRI is the color rendering index.
 5. CCT is the correlated color temperature.

Features

- Replacement for a 1' x 4' fluorescent tube troffer (3 x 32W) - low profile recess light
- Smooth diffuse light output with minimal glare
- Suspended or embedded application
- Integral power supply with power factor > 0.9 drive for external smart lighting sensor
- Fully dimmable with 0-10V control input
- Optional intelligent control capability with CLEON remote accessory
- Energy savings of up to 60%
- No UV or unwanted heat
- Mercury free and RoHS compliant
- Warranty 5 years (Estimated L90 up to 44,000hrs; L70 > 150,000hrs)⁶
- Full industry compliance- UL/cUL, FCC, CE, DLC, CA Title 24, Lightingfacts®, LM79, LM80 LEDs

Accessories

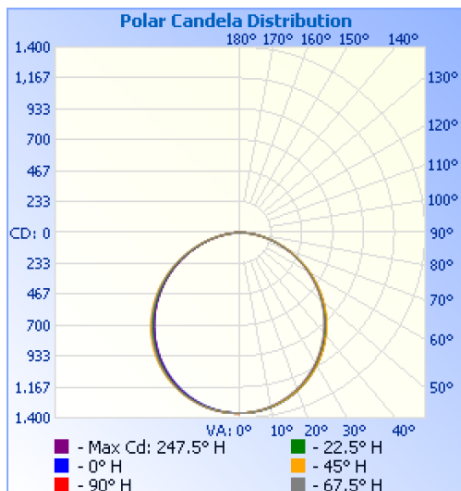
e-Solis suspension kits e-Solis suspension kits SK-48W and SK-48 are available for suspended applications, please contact sales@axleninc.com for more details.

All e-Solis plug and play compatible with the CLEON intelligent lighting control system, 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-PL1-32W30K and AX-PL1-50W50K smooth diffuse output panels (see www.axleninc.com for detailed photometric data).

AX-PL1-32W30K



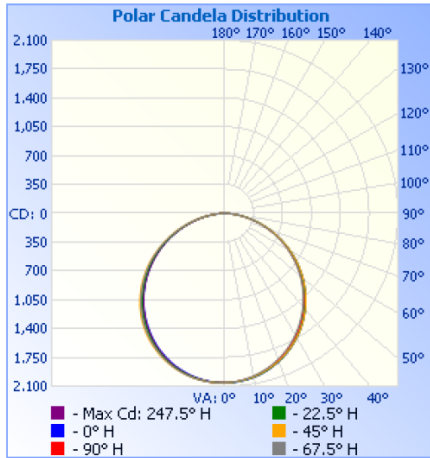
	Illuminance at a Distance		
	Center Beam fc	Beam Width	
17.0ft	4.72 fc	51.8 ft	51.1 ft
34.0ft	1.18 fc	103.6 ft	102.2 ft
51.0ft	0.52 fc	155.5 ft	153.3 ft
68.0ft	0.29 fc	207.3 ft	204.5 ft
85.0ft	0.19 fc	259.1 ft	255.6 ft
102.0ft	0.13 fc	310.9 ft	306.7 ft

■ Vert. Spread: 113.5°
■ Horiz. Spread: 112.7°

⁶. Based on Energy Star TM-21 report, ISTMT test and LM-80 report.

Lighting Distribution (cont)

AX-PL1-50W50K

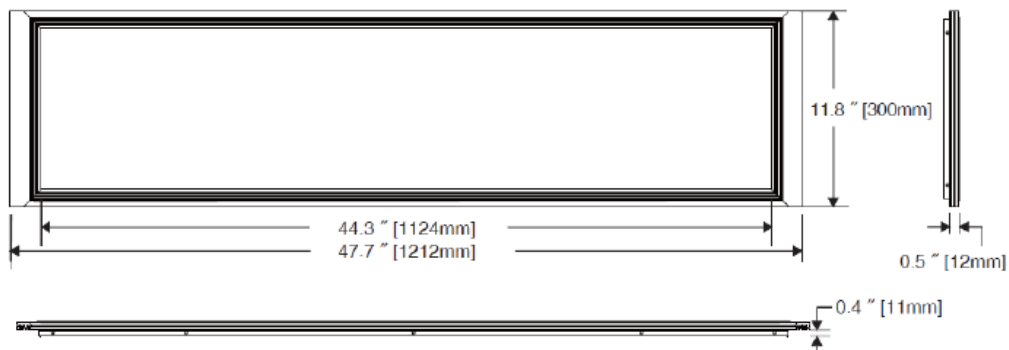


	Center Beam fc	Beam Width	
17.0ft	7.12 fc	52.0 ft	51.1 ft
34.0ft	1.78 fc	104.0 ft	102.2 ft
51.0ft	0.79 fc	156.0 ft	153.2 ft
68.0ft	0.45 fc	208.0 ft	204.3 ft
85.0ft	0.28 fc	260.0 ft	255.4 ft
102.0ft	0.20 fc	312.0 ft	306.5 ft

■ Vert. Spread: 113.6°
■ Horiz. Spread: 112.7°

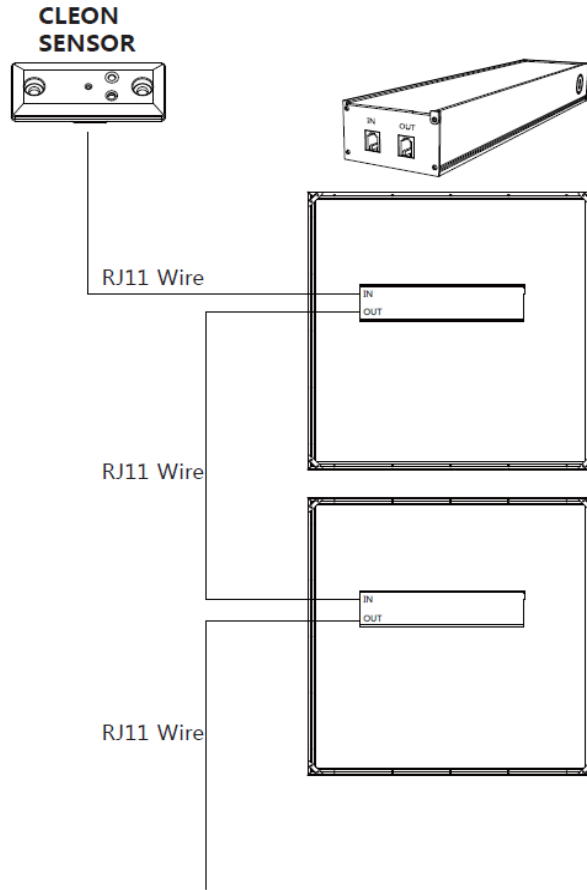
Physical Specifications (Dimensions in inches/mm)

Panel Weight: 9.5lb/4.3kg



Wiring Diagrams

Wiring Configuration for a Smart Lighting Sensor with Multiple Panels

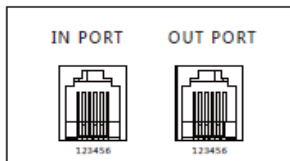


Smart Lighting Sensor Connections

PANEL LIGHT PORTS

IN PORT

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

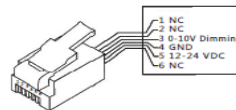


OUT PORT

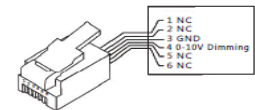
- 1 NC
- 2 NC
- 3 0-10V Dimming
- 4 GND
- 5 NC
- 6 NC

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).



For more information, contact sales@axleninc.com