



Project \_\_\_\_\_  
 Part No. \_\_\_\_\_  
 Quantity \_\_\_\_\_  
 Date \_\_\_\_\_

Excellence in LED Lighting

[www.axleninc.com](http://www.axleninc.com)

# e-Solis LED Panel Light 2Ft x 4Ft - Dimmable

Efficacy > 110 lm/W



- New Generation Lighting Panel
- Elegant Low Profile Design
- Efficient LED Edge Lit Architecture
- Smooth Lighting Distribution
- Proprietary Low-Glare Optical Films

## Key Tube Specifications <sup>1</sup>

Model	Input (VAC)	Wattage	Beam Angle	Output Lumens	CBCP <sup>2</sup> (6 ft)	CRI <sup>3</sup>	CCT <sup>4</sup>
AX-PL4-32W30K	100-277	32W	110°	3200 lm	375 lux	85	3000K (warm)
AX-PL4-32W40K	100-277	32W	110°	3500 lm	410 lux	85	4000K (neutral)
AX-PL4-32W50K	100-277	32W	110°	3500 lm	410 lux	85	5000K (cool)
AX-PL4-50W30K	100-277	50W	110°	4500 lm	525 lux	85	3000K (warm)
AX-PL4-50W40K	100-277	50W	110°	5000 lm	585 lux	85	4000K (neutral)
AX-PL4-50W50K	100-277	50W	110°	5000 lm	585 lux	85	5000K (cool)
AX-PL4-100W30K	100-277	100W	110°	8500 lm	995 lux	85	3000K (warm)
AX-PL4-100W40K	100-277	100W	110°	10000 lm	1170 lux	85	4000K (neutral)
AX-PL4-100W50K	100-277	100W	110°	10000 lm	1170 lux	85	5000K (cool)

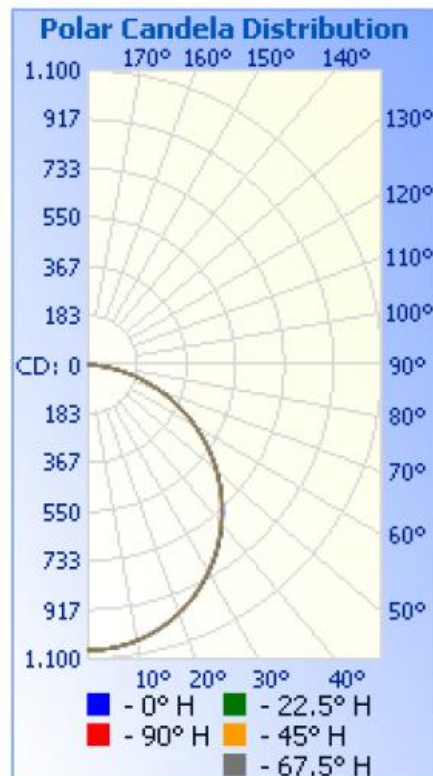
1. Due to our continuous improvement program, all specifications are subject to change and Axlen reserves the right of final interpretation.  
 2. CBCP, the center beam candlepower, is the luminous intensity at the center of the beam, expressed in lux.  
 3. CRI is the color rendering index.  
 4. CCT is the correlated color temperature.

## Features

- Replacement for 2' x 4' fluorescent troffers, low and high bay applications - low profile recess light
- Smooth diffuse light output with minimal glare
- Optional proprietary directional output
- Integral power supply, power factor > 0.9
- Fully dimmable with 0-10V control input
- Optional intelligent control capability with CLEON remote accessory
- Energy saving up to 50%
- No UV or unwanted heat
- Mercury free and RoHS compliant
- Warranty 5 years (Estimated L90 up to 60,000hrs; L70 > 200,000hrs)<sup>6</sup>
- Full industry compliance- UL/cUL, FCC, CE, DLC, CA Title 24, LM79, LM80 LEDs
- Optional -P versions include a power supply for an external smart lighting sensor

## Lighting Distribution

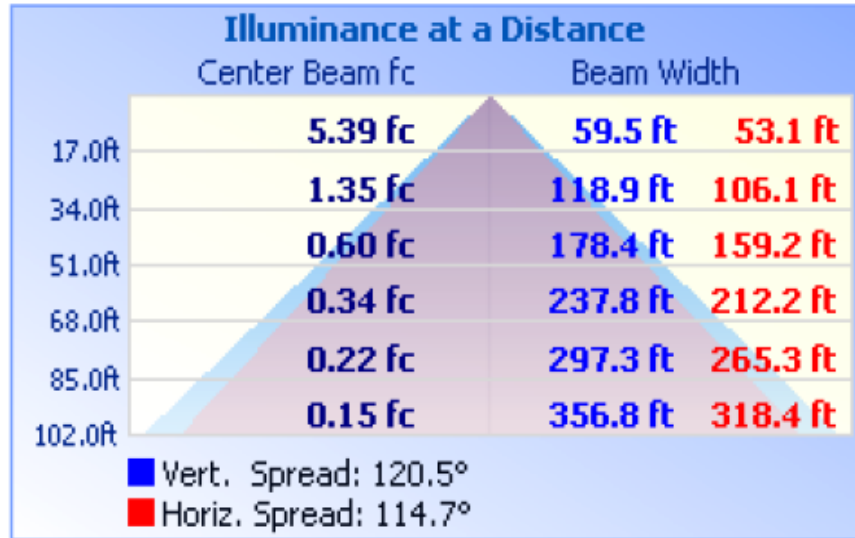
The panel photometry is taken from an accredited testing laboratory in accordance with IESNA LM-79-08. Typical results are shown for a AX-PL4-50W50K (see www.axleninc.com for detailed photometric data).



6. For AX-PL4-32WYK and AX-PL4-50WYK models, L90 > 60,000 hrs and L70 > 200,000 hrs; for AX-PL4-100WYK models, L90 > 30,000 hrs and L70 > 100,000 hrs.

## Lighting Distribution (cont)

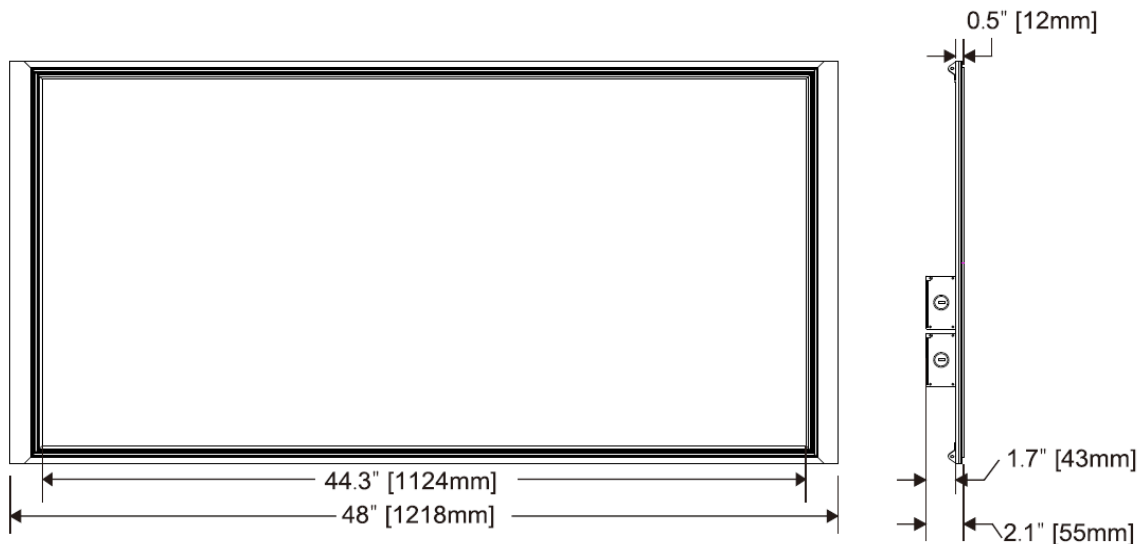
AX-PL4-50W50K



## Physical Specifications

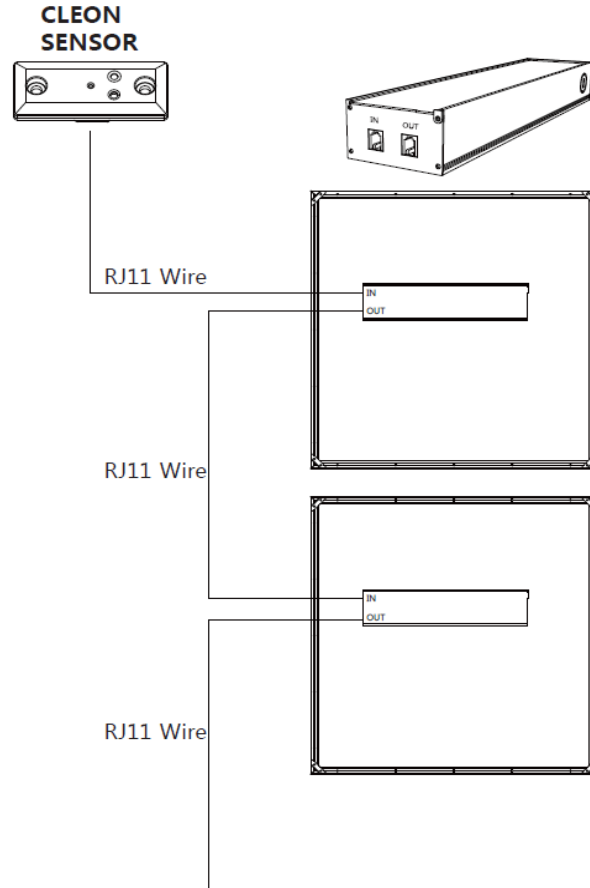
(Dimensions in inches/mm)

Panel Weight: 23.1lb/10.5kg



## Wiring Diagrams

### Wiring Configuration for a Smart Lighting Sensor with Multiple Panels

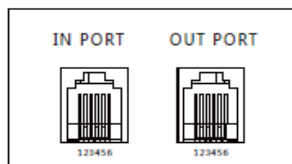


### Smart Lighting Sensor Connections

#### PANEL LIGHT PORTS

##### IN PORT

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

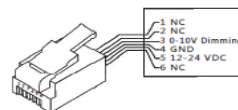


##### OUT PORT

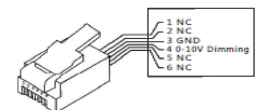
- 1 NC
- 2 NC
- 3 0-10V Dimming
- 4 GND
- 5 NC
- 6 NC

#### 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).

For more information, contact [sales@axleninc.com](mailto:sales@axleninc.com)

