



Project _____
 Part No. _____
 Quantity _____
 Date _____

Excellence in LED Lighting

www.axleninc.com

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

Efficacy > 105 lm/W



New Generation Lighting Panel

Instant Turn On/Off

Elegant Low Profile Design

Efficient Edge Lit LED Architecture

Smooth Lighting Distribution

Proprietary Low-Glare Optical Films

Suspended or Embedded Applications

Key Panel Specifications ¹

Model	Input (VAC)	Wattage	Beam Angle	Output Lumens	CRI ²	CCT ³
AX-PL1-32W30K	100-277	32W	110°	3000 lm	85	3000K (warm)
AX-PL1-32W40K	100-277	32W	110°	3000 lm	85	4000K (neutral)
AX-PL1-32W50K	100-277	32W	110°	3200 lm	85	5000K (cool)
AX-PL1-50W30K	100-277	50W	110°	4500 lm	85	3000K (warm)
AX-PL1-50W40K	100-277	50W	110°	4500 lm	85	4000K (neutral)
AX-PL1-50W50K	100-277	50W	110°	5000 lm	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. CRI is the color rendering index.

3. CCT is the correlated color temperature. For other CCTs (3500K, 4500K, etc), please contact sales@axleninc.com

For more information, contact sales@axleninc.com

Features

- Replacement for a 1' x 4' fluorescent tube troffer
- Smooth diffuse light output with minimal glare
- Low profile recess luminaire
- Suspended or embedded application
- Integral power supply with 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 savings of 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)⁴
- Full industry compliance- UL/cUL, FCC, CE, DLC, CA Title 24, Lightingfacts®, LM79, LM80 LEDs

Accessories

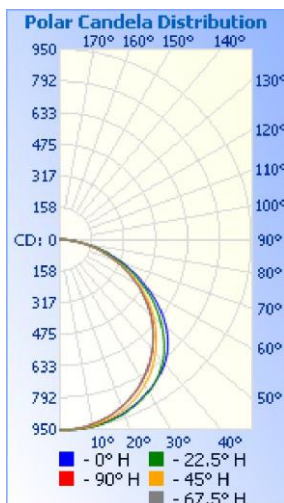
e-Solis suspension kits, SK-48W-14 and SK-48-14 , are available for suspended applications, please contact sales@axleninc.com for more details.

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-PL1-32W30K and AX-PL1-50W30K 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	3.28 fc	62.2 ft 52.6 ft
34.0ft	0.82 fc	124.4 ft 105.1 ft
51.0ft	0.36 fc	186.6 ft 157.7 ft
68.0ft	0.21 fc	248.8 ft 210.3 ft
85.0ft	0.13 fc	311.0 ft 262.8 ft
102.0ft	0.09 fc	373.2 ft 315.4 ft

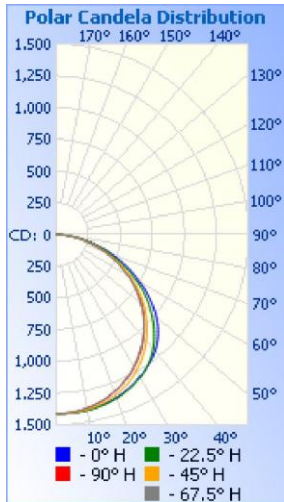
■ Vert. Spread: 122.7°
■ Horiz. Spread: 114.2°

4. For AX-PL1-32WYK models, L90 > 60,000 hrs and L70 > 200,000 hrs; for AX-PL1-50WYK models, L90 > 30,000 hrs and L70 > 100,000 hrs. The Light facts® label is a registered trademark developed by DOE.

For more information, contact sales@axleninc.com

Lighting Distribution (cont)

AX-PL1-50W30K



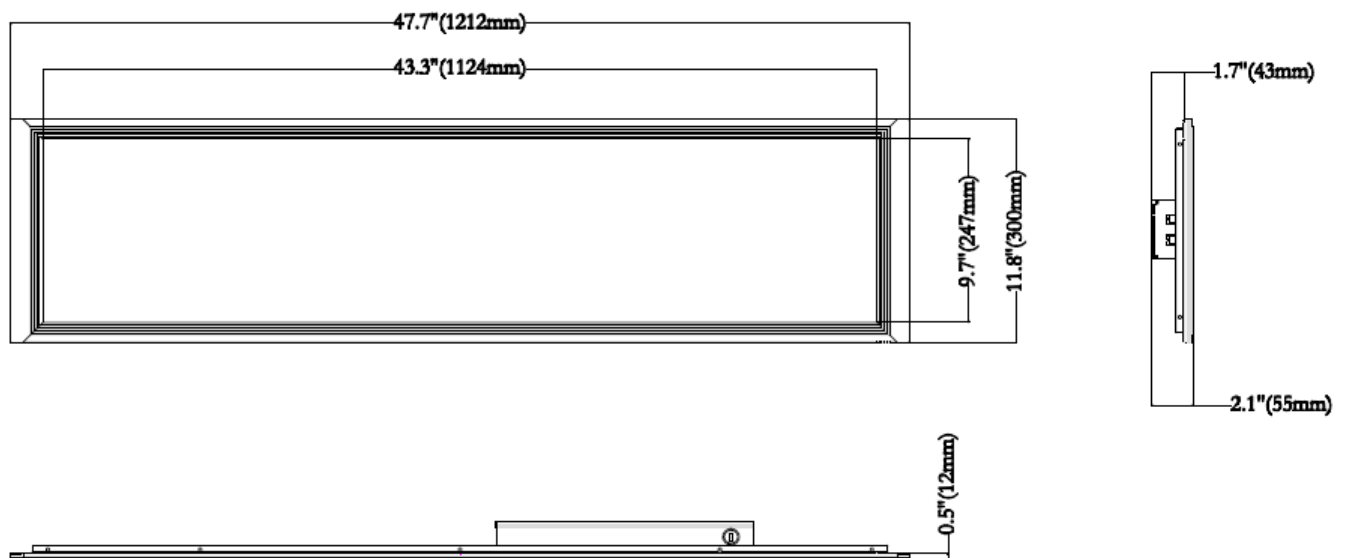
	Illuminance at a Distance	
	Center Beam fc	Beam Width
17.0ft	4.90 fc	62.2 ft 52.7 ft
34.0ft	1.23 fc	124.4 ft 105.4 ft
51.0ft	0.54 fc	186.6 ft 158.2 ft
68.0ft	0.31 fc	248.7 ft 210.9 ft
85.0ft	0.20 fc	310.9 ft 263.6 ft
102.0ft	0.14 fc	373.1 ft 316.3 ft

■ Vert. Spread: 122.7°
■ Horiz. Spread: 114.4°

Physical Specifications

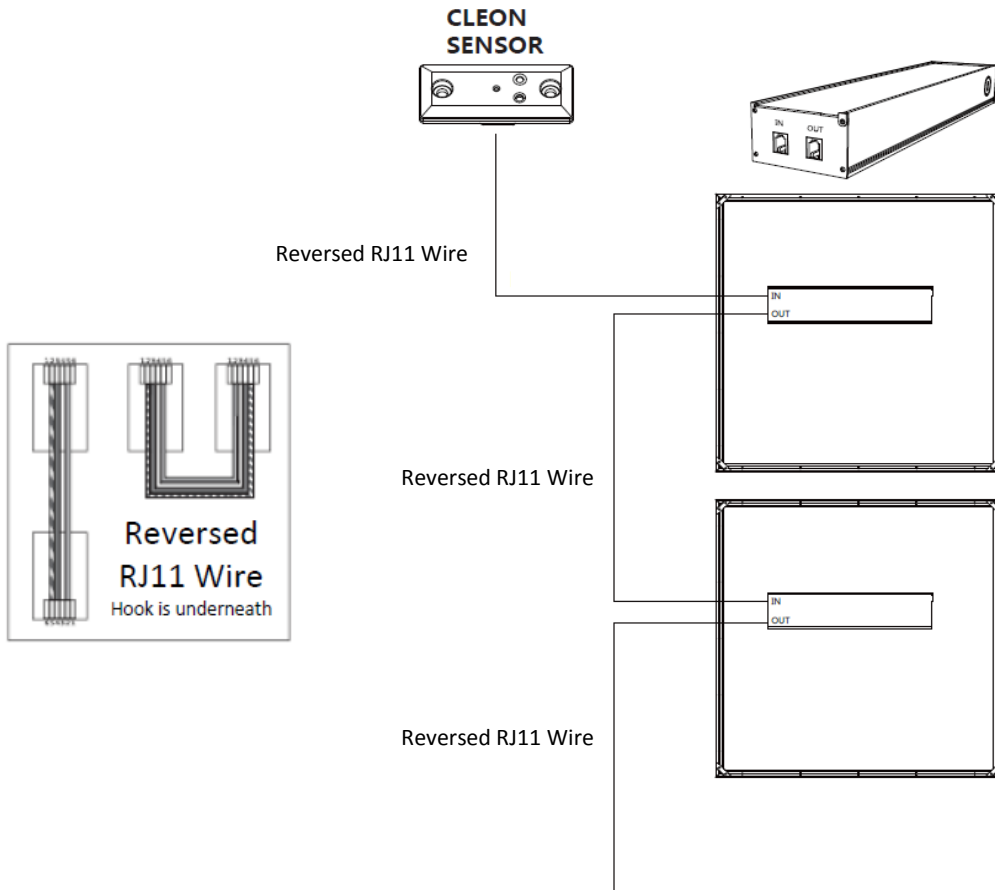
(Dimensions in inches/mm)

Panel Weight: 14.3lb/6.5kg

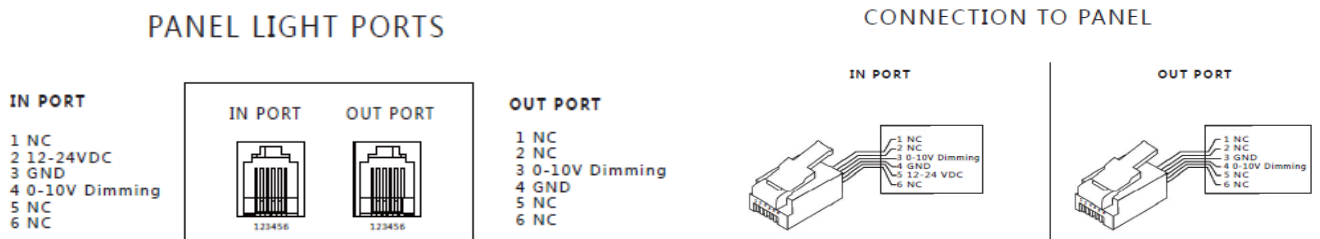


Wiring Diagrams

Wiring Configuration for a Smart Lighting Sensor with Multiple Panels



Smart Lighting Sensor Connections



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

