

## FEATURES & SPECIFICATIONS

**INTENDED USE** — The EPANL Series LED Edge-Lit Flat Panel provides a fully luminous appearance across the face of the lens. This provides a soft, glare-free solution that is visually comfortable within the space. Suitable for many lighting applications including schools, offices and other commercial spaces, retail, convenience stores, hospitals and healthcare facilities. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate.** [Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.](#)

**CONSTRUCTION** — Built to last with an aluminum frame for strength and durability, the seamless frame prevents light leak in the corners. The satin white lens provides excellent shielding and fully luminous appearance. EPANL's low-profile design provides increased installation flexibility especially in restricted plenum spaces. The back plate includes integral T-bar clips for installation exclusively into 15/16" T-grid ceilings. Fixture may be mounted and wired in continuous rows.

**ELECTRICAL** — Long-life LEDs, coupled with a high-efficiency driver, provide superior illumination for extended service life. 70% LED lumen maintenance at 60,000 hours (L70/60,000). 0-10V dimming driver, dims to 10%.

**LISTINGS** — CCSA certified to meet US and Canadian standards. DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified. Damp location listed. IC rated. IPSX rated.

**WARRANTY** — 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

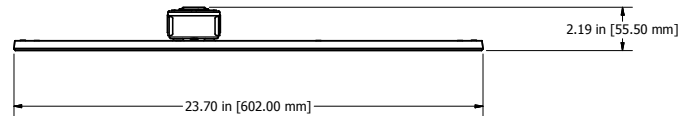
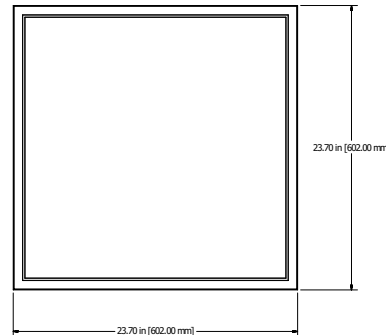
**Note:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Catalog Number
Notes
Type



# EPANL LED

2' x 2'



### ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** EPANL 2X2 3400LM 80CRI 35K MIN10 ZT MVOLT

Series	Lumens	CRI	Color Temperature	Minimum Dimming Level	Control	Voltage
EPANL 2X2 2X2 LED Flat Panel	3400LM 3400 nominal lumens	80CRI 80 CRI	35K 3500K 40K 4000K	MIN10 Dims to 10%	ZT 0-10V Dimming NPP16D nLight enabled <sup>1,6</sup>	MVOLT 120-277V 347 347V <sup>1</sup> 120 120V 277 277V

Emergency Options	Options
EL14L Power Sentry LED Emergency battery pack (not CEC complaint) <sup>2,3</sup>	CL80 Constant lumen output, 80% <sup>4</sup> PWS1836 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit
EL14L T20C Power Sentry LED Emergency battery pack for T20 CEC Compliance <sup>2,3</sup>	PWS1846 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit PWS1846 PWSLV Two cables: one 6' pre-wire, 3/8" diameter, 18 gauge, 2 circuits; one 6' pre-wire, 3/8" diameter, 18 gauge, purple and gray <sup>5</sup> PWS1856LV 6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage purple and grey wires <sup>5</sup>
	GLR Fast-blowing fuse <sup>6</sup> GMF Slow-blowing fuse <sup>6</sup> CP Chicago plenum RRL_ RELOC <sup>®</sup> -ready luminaire <sup>7</sup> WPLT 54" x 54" pallet; doubles pallet QTY

Accessories: Order as separate catalog number.	
DGA22 Drywall grid adapter for 2x2 recessed fixture.	PANLACG ___ EPANL adjustable aircraft cable gripper suspension kit (specify length as 36 or 72 inches) (specify ceiling type F1 or F2 - see mounting data)
PS1050DL EMI Power Sentry emergency battery pack field installation kit. <sup>2</sup>	PANLACGF ___ EPANL adjustable aircraft cable gripper with power feed (specify length as 36 or 72 inches) (specify ceiling type F1 or F2 - see mounting data)
PS1050DL EMI T20C Power Sentry emergency battery pack field installation kit for T20 CEC compliance. <sup>2</sup>	PANLACGE ___ EPANL adjustable aircraft cable gripper with emergency power feed (specify length as 36 or 72 inches) (specify ceiling type F1 or F2 - see mounting data)
2X2SMK 2'x2' Surface Mount Troffer Kit	

Emergency Battery Delivered Lumens
Use the formula below to determine the delivered lumens in emergency mode
<b>Delivered Lumens = 1.25 x P x LPW</b>
<b>P</b> = Output power of emergency driver (10W for PS1050DL)
<b>LPW</b> = Lumen per watt rating of the luminaire.

- Notes**
- Not available with emergency options.
  - When using pre-wire option, use PWS1846 or PWS1846 PWSLV.
  - Please refer to Emergency Battery Delivered Lumen section for lumen calculation.
  - Requires nLIGHT.
  - Not available with nLight wired/wireless network or individual controls.
  - Requires specific voltage.
  - For ordering logic consult [RRL\\_2013](#).

# EPANL LED Flat Panel

EPANL compatible with Sensor Switch™ [WSX-D](#) and [SPOD](#) wall switches.



WSX-D



SPOD

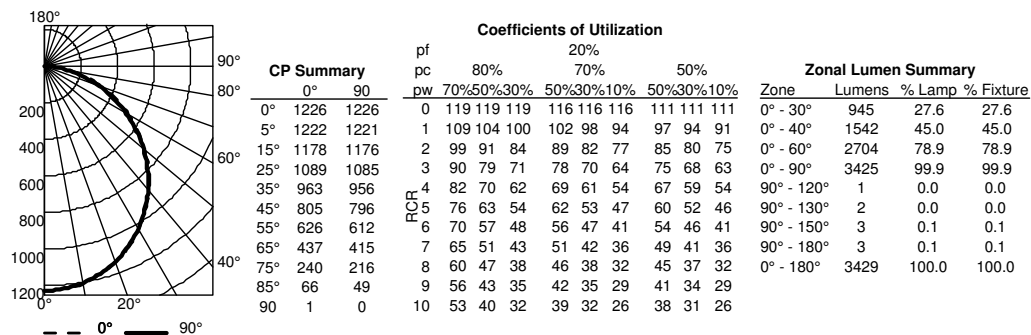
### nLight® Wired Control Accessories:

Order as separate catalog number. Visit [www.acuitybrands.com/products/controls/nlight](http://www.acuitybrands.com/products/controls/nlight).

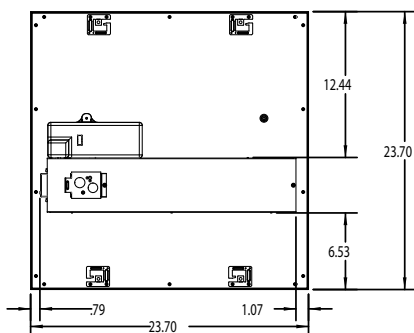
WallPod stations	Model number	Occupancy sensors	Model number
On/Off	nPODM [color]	Small motion 360°, ceiling (PIR / dual tech)	nCM 9 RJB / nCM PDT 9 RJB
On/Off & raise/lower	nPODM DX [color]	Large motion 360°, ceiling (PIR / dual tech)	nCM10 RJB / nCM PDT 10 RJB
Graphic touchscreen	nPOD GFX [color]	Wall switch with raise/lower	nWSX PDT LV DX [color]
Photocell controls	Model number	Cat-5 cable (plenum rated)	Model number
Full range dimming	nCM ADCX RJB	10' cable	CAT5 10FT J1
		30' cable	CAT5 30FT J1

## PHOTOMETRICS

EPANL 2X2 3400LM 80CRI 40K, 3479 delivered lumens, tested in accordance to IESNA LM-79.



## DIMENSIONS



Performance Data			
Lumen Package	Lumens	Input Watts	LPW
3400LM 80CRI 35K	3285	31.3	105
3400LM 80CRI 40K	3479	30.8	113

## MOUNTING DATA

Suspension Kit Ceiling Types:

F1 for use with most T-bar and screw slot grid ceiling applications. Designed for on-grid and off-grid installations.

F2 for use with recessed or surface-mount horizontal J-box applications.

Example Configurations: PANLACG36 F1, PANLAGF36 F2, PANLAGE72 F1, etc.

Use two kits per fixture. Single kit utilizes "Y" split cable to allow for connection with 2 suspension points on one end of fixture.