

**DIGITAL NAVIGATION**

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**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 PMMA light guide plate and lens resists yellowing and transmits light with superior efficacy. 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 into 15/16" or 9/16" T-grid ceilings. Fixture may be recessed, suspended, surface box mounted or mounted in a hard-ceiling see accessories section for more information. Fixture may be mounted and wired in continuous rows.

**Integrated Sensor (nLight Wired Networking):** This sensor is nLight-enabled, meaning it has the ability to communicate over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of remote status monitoring and control via SensorView software.

**Integrated Smart Sensor (nLight Air Wireless Platform):** The RES7 sensor is nLight AIR enabled, meaning it has the ability to communicate over the wireless nLight control platform. It is available with an automatic dimming photocell, and either a digital PIR or a microphonics (PDT) dual technology occupancy sensor. It pairs to other luminaires and wall switches through our mobile app, CLAIRITY, which allows for simple sensor adjustment

**Integrated Wireless Sensor (single room control):** Sensor Switch VERTEX JOT or JOTVTX15 luminaire-embedded occupancy and ambient light sensor allows the luminaire to power off when the space is unoccupied or when enough ambient light is entering the space. See page 7 for more details on the integrated wireless sensor.

**ELECTRICAL** — Long-life LEDs, coupled with a high-efficiency driver, provide superior illumination for extended service life. High Efficiency EPANL maintains 97.7% of lumens at 60,000 hours (L97/60,000). 0-10V dimming driver, dims to 1% or 10% and contains non-isolated dimming leads.

**LISTINGS** — CSA Certified to meet US and Canadian standards. Tested to meet UL1958. Intended for indoor use only. Product is not to be stored in non-climate controlled spaces. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC 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. IP5X rated. Long nomenclature, configurable product is rated and certified to meet NSF Splash Zone 2. Tested in accordance with ISO 14644-1; suitable for ISO Class 5–9 positive pressure clean rooms.

**WARRANTY** — 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**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.

*Dimensions*

	1x4	2x2	2x4
Length	47.72"	23.70"	47.72"
Width	11.85"	23.70"	23.70"
Depth	2.19"	2.19"	2.19"
Weight	13.9 lbs	7.4 lbs	15.1 lbs

\* Base configurations; options may add weight

Catalog Number
Notes
Type

# EPANL LED

1'x4', 2'x2', and 2'x4'



**Embed nLight controls today. Prepare for tomorrow.**

**Now**

- User-friendly install
- Enhanced energy savings
- Code compliance

**Tomorrow**

- Scalability
- Space configuration
- Future-ready

**A+ Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a **shaded background**\*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a **shaded background**\*

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

\*See ordering tree for details

# EPANL LED Flat Panel



A+ Capable options indicated by this color background.

## ORDERING INFORMATION

**Example:** EPANL 2X4 4000LM 80CRI 35K MIN1 MVOLT E10WCP NLTAIR2 RIO

Series	Width and Length	Lumens	CRI	Color Temperature	Minimum Dimming Level ‡	
EPANL LED Flat Panel	1x4 1'x4'	<u>Standard Lumens:</u>	80CRI 80 CRI	30K 3000K 35K 3500K 40K 4000K 50K 5000K	MIN10 Dims to 10% ‡ MIN1 Dims to 1%	
		1500LM 1500 Lumens				<u>High Efficiency Lumens:</u>
		3000LM 3000 Lumens				1500LMHE 1500 Lumens
	4000LM 4000 Lumens	3000LMHE 3000 Lumens				
	4800LM 4800 Lumens	4000LMHE 4000 Lumens				
	6000LM 6000 Lumens	4800LMHE 4800 Lumens				
	6000LM 6000 Lumens	6000LMHE 6000 Lumens				
	2x2 2'x2'	2000LM 2000 Lumens				2000LMHE 2000 Lumens
		3400LM 3400 Lumens				3400LMHE 3400 Lumens
4000LM 4000 Lumens		4000LMHE 4000 Lumens				
4800LM 4800 Lumens		4800LMHE 4800 Lumens				
2x4 2'x4'	3000LM 3000 Lumens	3000LMHE 3000 Lumens				
	4000LM 4000 Lumens	4000LMHE 4000 Lumens				
	4800LM 4800 Lumens	4800LMHE 4800 Lumens				
	5400LM 5400 Lumens	5400LMHE 5400 Lumens				
	6000LM 6000 Lumens	6000LMHE 6000 Lumens				
	6800LM 6800 Lumens	6800LMHE 6800 Lumens				
	7200LM 7200 Lumens	7200LMHE 7200 Lumens				

Control Input ‡	Voltage	Step Level Dimming	Emergency Option
ZT Generic 0-10V Dimming	MVOLT 120-277V	(Blank) None	E10WCP EM Self-Diagnostic battery pack, 10W Constant Power, Certified in CA Title 20 MAEDBS ‡
EZT eldoLED 0-10V Dimming	120 120V	SLD Step Level Dimming ‡	GTD Generator Transfer Device ‡
NLIGHT nLight enabled (Wired)	277 277V		EMG for use with NLIGHT or NLTAIR2 on generator supply EM power ‡
DALI eldoLED DALI	347 347V ‡		

nLight Interface	Control	Individual Control
<u>nLight Wired: ‡</u>	<u>nLight Wired: ‡</u>	JOT Wireless room control with "Just One Touch" pairing ‡
(blank) No constant lumen management	(blank) no control	JOTVTX15 Wireless occupancy sensor with "Just One Touch" pairing ‡
CL80 Constant lumen output 80%		
<u>nLight Wireless:</u>	<u>nLight Wireless:</u>	
NLTAIR2 nLight AIR Generation 2 enabled ‡	RIO nLight AIR Radio module without sensor ‡	
	RES7 nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities ‡	
	RES7PDT nLight air microphonics dual technology occupancy sensor with automatic dimming photocell ‡	

Options			
GLR	Fast-blowing fuse ‡	PWS1856LV	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage purple and grey wires ‡
GMF	Slow-blowing fuse ‡	CP	Chicago plenum ‡
PWS1836	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit	NPLT	Narrow Pallet
PWS1846	6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit	BDP	Factory Installed Ballast Disconnect Plug
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 ‡	RRL_	RELOC®-ready luminaire ‡
		USPOM	Product assembled in the USA ‡

NOTE: ‡ indicates option value has ordering restrictions. Please reference the Option Value Ordering Restrictions chart on the next page. Options are sorted alphabetically.

# EPANL LED Flat Panel

‡ Option Value Ordering Restrictions	
Option Value	Restriction
347	Not available with SLD, E10WCP, or GTD options.
Control Input	If Step Level Dimming (SLD) or NLTAIR2 is specified, leave this section blank.
CP	Not available with nLight wired (NLIGHT), nLight wireless (NLTAIR2).
E10WCP	Refer to Emergency Battery Estimated Lumen section for lumen estimation. Test Switch must be remote mounted or installed in an adjacent ceiling tile. When using pre-wire option, use PWS1846 or PWS1846 PWSLV.
EMG	Requires a connection to existing NLIGHT or NLTAIR2 network. Power is provided from separate nLight enabled fixture.
GLR, GMF	Must specify voltage. 120 or 277, with GLR and GMF fusing.
GTD	Not available with JOT, JOTVTX15, sensor options or emergency battery options. Must specify voltage. Requires BSE labeling, voltage specific. Consult factory for options. Example: GTD BSE10.
JOT, JOTVTX15	Not available with NLIGHT, DALI, SLD, GTD, EMG, or NLTAIR2 options. Option not NSF qualified.
MIN10	Not available with EZT, NLIGHT or DALI.
Minimum Dimming Level	If Step Level Dimming (SLD) is specified, leave this section blank.
nLight Wired	Requires NLIGHT control input.
NLTAIR2	Only available with MIN1 minimum dimming level option.
PWS1846 PWSLV	Not available with GTD, nLight wired, nLight wireless, NLIGHT or NLTAIR2.
PWS1856LV	Not available with nLight wired, nLight wireless, NLIGHT, or NLTAIR2.
RES7EM, RES7PDTEM, RIOEM	See UL924 Sequence of Operation chart on page 4.
RRL	For ordering logic consult <a href="#">RRL_2013</a> .
SLD	Not available with with any nLight Interface, Control options, or GTD. When using prewire option use PWS1846.
USPOM	Not available with NLIGHT, NLTAIR2, JOT or JOTVTX15.

## Non-configurable Fixtures

### ORDERING INFORMATION

Catalog Number	UPC	Description	Lumens	Color Temperature	CRI	Voltage	Wattage	LPW	Pallet Quantity	DLC Classification	DLC Product Id	Stocked
EPANL 14 40L 35K	00190887602739	1x4 0-10v dimming Flat Panel	3905	3500K	>80	MVOLT (120-277V)	39	101	26	Standard	P2EP2UU2	Yes
EPANL 14 40L 40K	00190887602753	1x4 0-10v dimming Flat Panel	4397	4000K	>80	MVOLT (120-277V)	38	114	26	Standard	PSDQ2435	Yes
EPANL 14 40L 50K	00191723811605	1x4 0-10v dimming Flat Panel	4225	5000K	>80	MVOLT (120-277V)	39	110	26	Standard	PQRR9J9D	Yes
EPANL 14 40LHE 35K	00190887602746	1x4 0-10v dimming Flat Panel	3922	3500K	>80	MVOLT (120-277V)	31	128	26	Premium	PW4EWKTF	
EPANL 14 40LHE 40K	00190887602760	1x4 0-10v dimming Flat Panel	3857	4000K	>80	MVOLT (120-277V)	30	127	26	Premium	PYVJHHA	
EPANL 22 34L 35K M4	00190887602647	2x2 0-10v dimming Flat Panel	3285	3500K	>80	MVOLT (120-277V)	31	105	52	Standard	PSJAMM3U	Yes
EPANL 22 34L 40K M4	00190887602678	2x2 0-10v dimming Flat Panel	3270	4000K	>80	MVOLT (120-277V)	31	107	52	Standard	PPEMCYR8	Yes
EPANL 22 34L 50K	00191723811650	2x2 0-10v dimming Flat Panel	3385	5000K	>80	MVOLT (120-277V)	33	103	52	Standard	PID80U18	Yes
EPANL 22 34LHE 35K	00191723811650	2x2 0-10v dimming Flat Panel	3357	3500K	>80	MVOLT (120-277V)	26	129	52	Premium	P4A3BZHM	
EPANL 22 34LHE 40K	00190887602685	2x2 0-10v dimming Flat Panel	3361	4000K	>80	MVOLT (120-277V)	26	130	52	Premium	P8CTRGQ2	
EPANL 24 40L 35K M2	00190887602692	2x4 0-10v dimming Flat Panel	4039	3500K	>80	MVOLT (120-277V)	39	104	26	Standard	PMCKJFQQ	Yes
EPANL 24 40L 40K M2	00190887602715	2x4 0-10v dimming Flat Panel	3898	4000K	>80	MVOLT (120-277V)	37	106	26	Standard	PJKBRVAZ	Yes
EPANL 24 40L 50K	00191723812312	2x4 0-10v dimming Flat Panel	4108	5000K	>80	MVOLT (120-277V)	39	105	26	Standard	PELRMDH9	Yes
EPANL 24 40LHE 35K	00190887602708	2x4 0-10v dimming Flat Panel	3953	3500K	>80	MVOLT (120-277V)	30	131	26	Premium	PTBTGX3F	
EPANL 24 40LHE 40K	00190887602722	2x4 0-10v dimming Flat Panel	4013	4000K	>80	MVOLT (120-277V)	31	131	26	Premium	P1FS4WBQ	