LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

EPANL LED

2' x 2'

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.

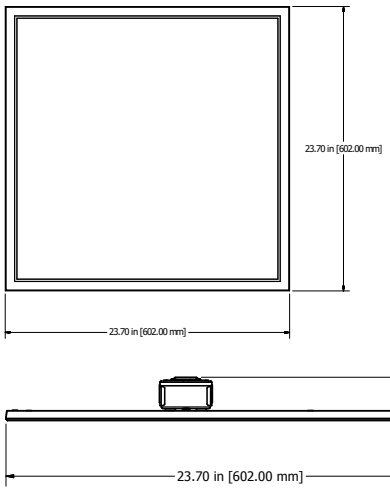
CONSTRUCTION — Built to last with an aluminum frame for strength and durability, the seamless frame prevents light leak in the corners. The satin white lens provides excellent shielding and fully luminous appearance. EPANL's low-profile design provides increased installation flexibility especially in restricted plenum spaces. The back plate includes integral T-bar clips for installation into 15/16" T-grid ceilings. Clips for 9/16" T grid installation are available. See Accessories section on bottom of page. This must be ordered as a separate item. 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 to confirm which versions are qualified. Damp location listed. IC rated. IP5X rated.

WARRANTY — 5-year limited warranty. Complete warranty terms located at: 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.



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 [1,6]	MVOLT 120-277V 347 347V[1] 120 120V 277 277V

Emergency Options		Options			
E10WCP	Power Sentry LED Emergency battery pack (T20 CEC Compliant)[2,3]	CL80	Constant lumen output, 80%[4]	GLR	Fast-blowing fuse[6]
		PWS1836	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit	GMF	Slow-blowing fuse[6]
		PWS1846	6' pre-wire, 3/8" diameter, 18 gauge, 2 circuit	CP	Chicago plenum
		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[5]	RRL_	RELOC®-ready luminaire[7]
		PWS1856LV	6' pre-wire, 3/8" diameter, 18 gauge, 1 circuit w/low voltage purple and grey wires[5]	WPLT	54" x 54" pallet; doubles pallet QTY

Accessories: *Order as separate catalog number.*	
DGA22	Drywall grid adapter for 2x2 recessed fixture.
PS1055CP FMC BRKT	Power Sentry emergency constant power battery pack field installation kit (T20 CEC Compliant).[2]
2X2SMK	2'x2' Surface Mount Troffer Kit
EPANL TGRID CLIP J4	Pack of 4 grid clips for 9/16" T grid compatibility.
EPANL TGRID CLIP J50	Pack of 50 grid clips for 9/16" T grid compatibility.

Emergency Battery Estimated Lumens

Use the formula below to estimate the delivered lumens in emergency mode

Estimated Lumens = 1.25 x P x LPW

P = Output power of emergency driver (10W for PS1050DL)

LPW = Lumen per watt rating of the luminaire.

Notes

1. Not available with emergency options.
2. When using pre-wire option, use PWS1846 or PWS1846 PWSLV.
3. Please refer to Emergency Battery Estimated Lumen section for lumen estimation.
4. Requires NLIGHT.
5. Not available with nLight wired/wireless network or individual controls.
6. Requires specific voltage.
7. For ordering logic consult RRL_2013.

EPANL LED Flat Panel

EPANL compatible with Sensor Switch™ WSX-D and SPOD wall switches.

WSX-D

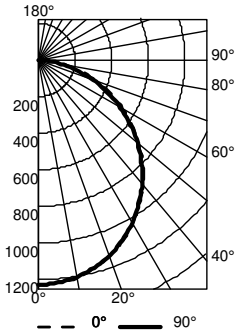
SPOD

nLight® Wired Control Accessories:
Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight.

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.



CP Summary

	0°	90
0°	1226	1226
5°	1222	1221
15°	1178	1176
25°	1089	1085
35°	963	956
45°	805	796
55°	626	612
65°	437	415
75°	240	216
85°	66	49
90	1	0

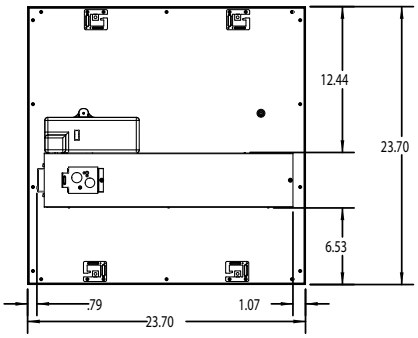
Coefficients of Utilization

	pf	80%			20%			70%			50%		
RCR	pc	70%	50%	30%	50%	30%	10%	50%	30%	10%	50%	30%	10%
	pw												
	0	119	119	119	116	116	116	111	111	111			
	1	109	104	100	102	98	94	97	94	91			
	2	99	91	84	89	82	77	85	80	75			
	3	90	79	71	78	70	64	75	68	63			
	4	82	70	62	69	61	54	67	59	54			
	5	76	63	54	62	53	47	60	52	46			
	6	70	57	48	56	47	41	54	46	41			
	7	65	51	43	51	42	36	49	41	36			
	8	60	47	38	46	38	32	45	37	32			
	9	56	43	35	42	35	29	41	34	29			
	10	53	40	32	39	32	26	38	31	26			

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	945	27.6	27.6
0° - 40°	1542	45.0	45.0
0° - 60°	2704	78.9	78.9
0° - 90°	3425	99.9	99.9
90° - 120°	1	0.0	0.0
90° - 130°	2	0.0	0.0
90° - 150°	3	0.1	0.1
90° - 180°	3	0.1	0.1
0° - 180°	3429	100.0	100.0

DIMENSIONS



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

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