

Eco AIR™ LC Premium Backlit Panel

DESCRIPTION

The Eco AIR™ LC backlit LED panel provides glare-free, uniform light distribution, and field-adjustable lumen and CCT switches offer an easy way to customize the output and color for use in almost any indoor space. Weighing just 5.29 lbs (2'x2'/1'x4') and 9.92 lbs (2'x4'), Eco AIR™ LC is ultra-light and easy to install, with isolated 0-10V dimming control driver that meets future UL standards. An optional microwave sensor can be hidden behind the lens for a clean, quiet appearance without sacrificing controllability. Other accessories include a factory-installed whip, surface and flange mounting kits, inverter, and emergency battery backup power supplies.

APPLICATIONS

Commercial Buildings, Hospitality, Offices, and Schools.

FEATURES

Construction

Aluminum frame and steel backing with integral earthquake clips.

Optical System

Acrylic modular optic frosted diffuser for even light distribution.

Warranty

5 Year Warranty.
See warranty documentation for more information.



Electrical

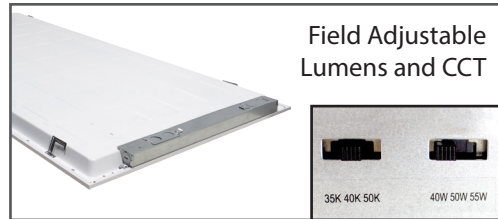
Input voltage: 120-277VAC
8W Emergency battery backup or inverter option available.
Class 2 isolated driver with 0-10V dimming, and 1.2kV surge protection.
Field adjustable lumen output.

Installation/ Mounting

Recessed Mounted (Standard Integral Clips [T-bar]), Surface Mount Kit, or Flange Mount Kit (Drywall Recessed Mounting)

Controls/Dimming

0-10V (Dims to 10%) isolated dimming control driver (Meets updated UL8750 requirement for separation of control circuit.)
Microwave bi-level occupancy/daylight harvesting sensor available.
CCT Switchable between 3500K, 4000K, 5000K.

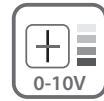


Eco AIR™ LC

- 1'x4': 20W (2,500 lm)
25W (3,125 lm)
30W (3,750 lm)
- 2'x2': 20W (2,500 lm)
30W (3,750 lm)
40W (5,000 lm)
- 2'x4': 40W (5,000 lm)
50W (6,250 lm)
55W (6,875 lm)



Projected L70: >50,000 hours
System Efficacy: 125 LpW
Warranty: 5 years
0-10V Dimming



0-10V (10%) Dimming



Light Weight Design



Field-Adjustable Lumen Output



CCT Switchable



Motion Sensor Option



Emergency Backup or Inverter Option

Ordering Information

EXAMPLE: EA-P-22-L-C-U-D

Series	Size	Lumen Selectable	CCT Selectable	Power	Dimming	Control Option	Emergency Driver
EA-P	14 - 1'x4'	L - 20W/25W/30W	C - 3500K/4000K/5000K	U - 120-277V	D - 0-10V Dimming (Dims to 10%)	M - Bi-level Occupancy/Daylight Harvesting Sensor	EM - 8W Emergency Driver
	22 - 2'x2'	L - 20W/30W/40W					
	24 - 2'x4'	L - 40W/50W/55W					
			Surface Mount Kit	Flange Mount Kit	Accessories		
			8814-SK (1x4 Surface Mount Kit) 8822-SK (2x2 Surface Mount Kit) 8824-SK (2x4 Surface Mount Kit)	8814-FMK (1x4 Flange Mount Kit) 8822-FMK (2x2 Flange Mount Kit) 8824-FMK (2x4 Flange Mount Kit)	88-WP8-3C (8ft 3 Wire Whip [18 AWG]) ELIS10CDF (Bodine 10W Inverter) WP-CEP-12C-200VPE1 (EM Inverter 12W) T-BR-EM (T-Bar Bracket for EM Backup)		

Specifications and Dimensions subject to change without notice.

Optional mounting and accessories are purchased separately.

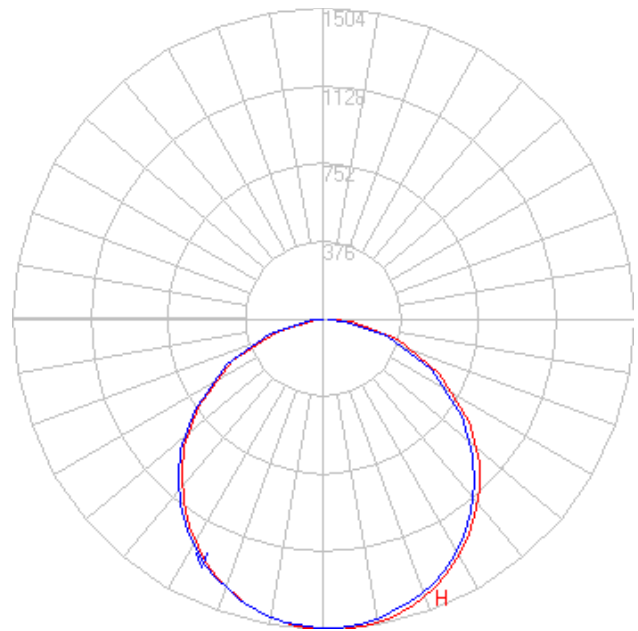
*MOQ and longer lead times may apply, please contact customer service for more information.

Performance Information

Input Voltage	120-277V
Input Frequency	50/60Hz
Wattage	See Performance Table
Delivered Lumens	See Performance Table
System Efficacy	See Performance Table
CRI	>80
Available CCT	3500K, 4000K, 5000K
Projected L70	>50,000 hours
Power Factor	>0.9
THD	<20%
Dimming	0-10V Dimming
Operating Temp.	-4°~113°F
IP Rating	IP20

Photometric Data

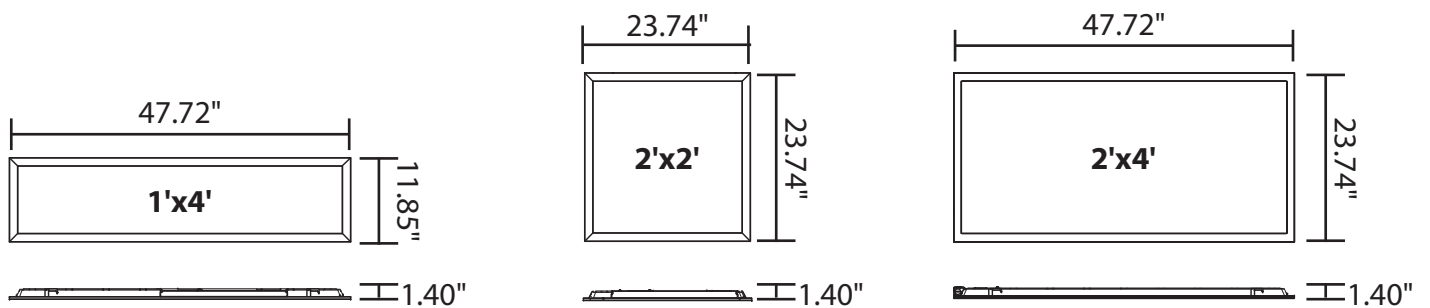
* IESNA LM-63 IES Available



Performance Table

SKU	Wattage (W)	5000K	
		Delivered Lumens (lm)	System Efficacy (lm/W)
EA-P-14-L-C-U-D	20/25/30	2500 (20W)/3125 (25W)/3750 (30W)	125
EA-P-22-L-C-U-D	20/30/40	2500 (20W)/3750 (30W)/5000 (40W)	125
EA-P-24-L-C-U-D	40/50/55	5000 (40W)/6250 (50W)/6875 (55W)	125

Product Dimensions



Weight: 5.29 lbs.

Weight: 5.29 lbs.

Weight: 9.92 lbs.

Accessories



Surface Mount Kit
(Optional)
[8814-SK, 8822-SK, 8824-SK]



Flange Mount Kit
(Optional)
[8814-FMK, 8822-FMK, 8824-FMK]



8W Emergency Battery
and Emergency Bracket
[EM]



Microwave
Bi-level Occupancy/
Daylight Harvesting
Sensor
[M]



8ft Three Wire Whip
[88-WP8-3C]



Bodine Inverter 10W
(Optional)
[ELIS10CDF]



Emergency Inverter 12W
(Optional)
[WP-CEP-12C-200VPE1]



T-Bar Emergency Battery
Bracket
[T-BR-EM]