

Eco EDGE™ LC 130

Edgelit Panel

DESCRIPTION

The Eco EDGE™ LC 130 provides an efficient and elegant LED replacement for fluorescent lamps and troffer fixtures in offices, schools, hospitality, healthcare, and other commercial and industrial applications. It provides flicker-free, uniform lighting, with an onboard driver that allows bypass of existing ballasts for quick, easy and safe installation. The Eco EDGE™ LC 130 is able to field-adjust its Wattage and Color Temperature which enable it to quickly accommodate any location needs.

APPLICATIONS

Commercial, Retail, Institution, and Hospitality

FEATURES

Construction

An aluminum frame for strength and durability, the seamless frame prevents light leak in the corners. The light guide plate (LGP) constructed from PMMA provides a fully illuminated appearance.

Electrical

Input voltage: 100-277VAC
Emergency Battery Backup Driver available.
12W Emergency Inverter available.
10W Bodine Inverter available.



Eco EDGE™ LC 130

- 1'x4': 20W (2,500 lm)
- 30W (3,750 lm)
- 36W (4,500 lm)
- 40W (5,000 lm)
- 2'x2': 20W (2,500 lm)
- 30W (3,750 lm)
- 36W (4,500 lm)
- 40W (5,000 lm)
- 2'x4': 25W (3,125 lm)
- 36W (4,500 lm)
- 40W (5,000 lm)
- 50W (6,250 lm)

Optical System

Diffuser lens reduces glare and improves working conditions while maintaining high efficiency emission.

Installation/ Mounting

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

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

Warranty

5 Year Warranty.

See warranty documentation for more information.

Controls/Dimming

0-10V Dimming



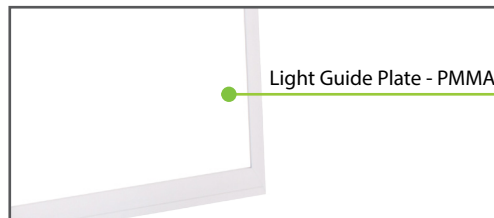
Suitable for Damp Location



0-10V Dimming



Emergency Backup or Inverter Option



Ordering Information

EXAMPLE: 8814WS-C-L-F

Type	Size	Wattage	CCT	Series	Accessories
88	14 - 1'x4'	WS - 20W/30W/36W/40W	C - 3500K/4000K/5000K	L - F	88-WP8-3C (8ft 3 Wire Whip [18 AWG]) 88-WP8-5C (8ft 5 Wire Whip [18 AWG]) 90008-L (8W Emergency Battery Driver) T-BR-EM (T-Bar Bracket for Emergency Battery Backup) ELIS10CDF (Bodine 10W Inverter) WP-CEP-12C-200VPE1 (EM Inverter 12W)
	22 - 2'x2'				
	24 - 2'x4'	WS - 25W/36W/40W/50W			
				Surface Mount Kit	Flange Mount Kit
				8814-SK (1'x4' Surface Mount Kit)	8814-FMK (1'x4' Flange Mount Kit)
				8822-SK (2'x2' Surface Mount Kit)	8822-FMK (2'x2' Flange Mount Kit)
				8824-SK (2'x4' Surface Mount Kit)	8824-FMK (2'x4' Flange Mount Kit)

Specifications and Dimensions subject to change without notice.

Optional mounting and accessories are purchased separately.

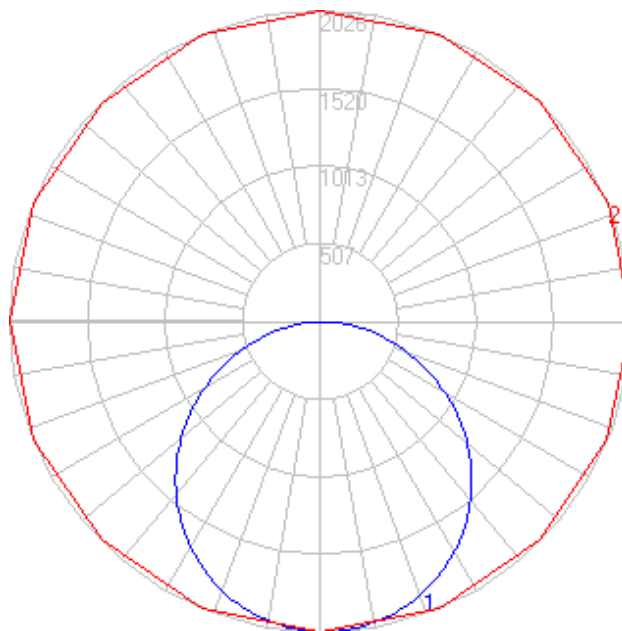
*MOQ and longer lead times may apply, please contact customer service for more information.

Performance Information

Input Voltage	100-277VAC
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°~122°F
IP Rating	Suitable for Damp locations

Photometric Data

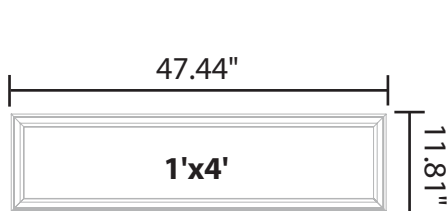
* IESNA LM-63 IES Available



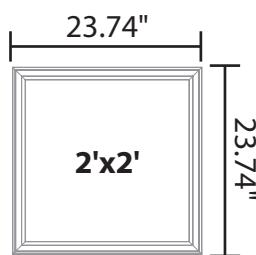
Performance Table

SKU	Wattage (W)	5000K							
		Delivered Lumens (lm)	System Efficacy (lm/W)	Delivered Lumens (lm)	System Efficacy (lm/W)	Delivered Lumens (lm)	System Efficacy (lm/W)	Delivered Lumens (lm)	System Efficacy (lm/W)
8814WS-C-L-F	20/30/36/40	2500 (20W)	125	3750 (30W)	125	4500 (36W)	125	5000 (40W)	125
8822WS-C-L-F	20/30/36/40	2500 (20W)	125	3750 (30W)	125	4500 (36W)	125	5000 (40W)	125
8824WS-C-L-F	25/36/40/50	3125 (25W)	125	4500 (36W)	125	5000 (40W)	125	6250 (50W)	125

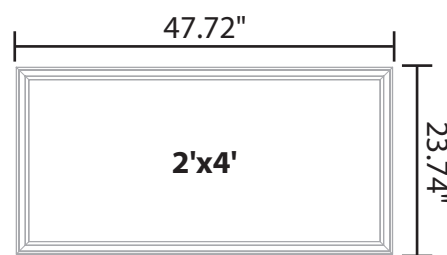
Product Dimensions



Weight: 4.8 lbs.



Weight: 4.4 lbs.



Weight: 9.0 lbs.



Accessories



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



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



8ft Three Wire Whip or
8ft Five Wire Whip
(Optional)
[88-WP8-3C, 88-WP8-5C]



Emergency Battery
Backup Driver
8W
(Optional)
[90008-L]



Bodine Inverter
10W
(Optional)
[ELIS10CDF]



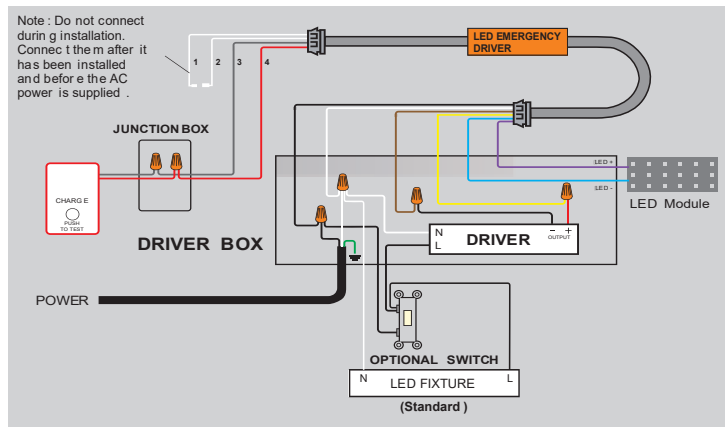
Emergency Inverter 12W
(Optional)
[WP-CEP-12C-200VPE1]



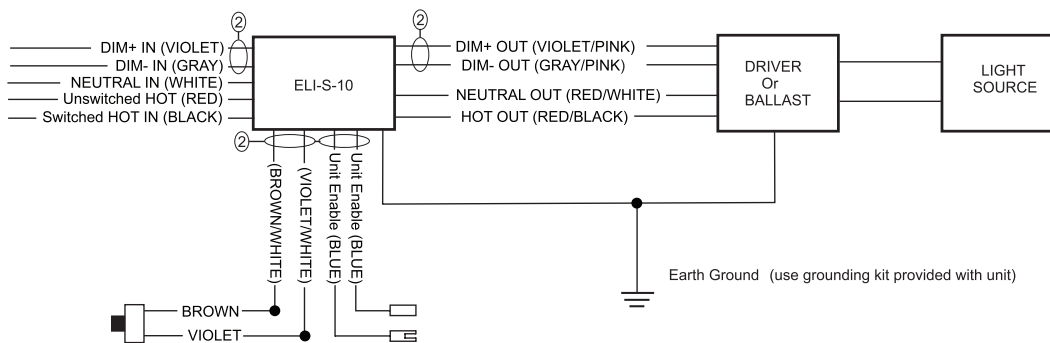
T-Bar Emergency
Battery Bracket
[T-BR-EM]

Wiring Diagram for Emergency Battery Backup & Inverters

Wiring Diagram for Emergency Battery Backup



Wiring Diagram for Bodine Inverter



Wiring Diagram for Emergency Inverter

(A): Dimmer Switch

