

PROJECT:	
CATALOG #	
TYPE:	DATE:

LED LIGHT PANEL

WITH INTEGRATED EMERGENCY BATTERY BACKUP

DESCRIPTION

Combining top-of-the-line efficiency with a modern design and a focus on safety, the LED Light Panel is the ideal solution for interior grid ceiling applications that require ongoing operation in times of an emergency. When the power cuts out, the built-in battery backup kicks on, delivering power for up to 90 minutes, ensuring occupants visibility.

Our standard model is equipped with field-adjustable light output, enabling the lumen output and wattage to be set to one of five specific levels based on the needs of the user. This feature enables the customization of light intensity on a per project basis. It is also equipped with field-adjustable color temperature. Each unit can be set to a specific color temperature, including 3500K, 4000K or 5000K. Installation is simple and quick; this LED panel upgrade fits seamlessly into all standard 2' x 4' or 2' x 2' grid ceiling layouts.

The LED Light Panel delivers up to 125 lumens per watt (LPW) over the course of its 50,000-hour rated life. It ensures long-term energy savings over traditional fluorescent bulbs and ballasts, as well as eliminates routine maintenance, making it perfect for updating existing grid layouts or implementing in new construction. Furthermore, it's backed by an industry-leading 5-year warranty, guaranteeing peace of mind for the life of your fixture.



MARKETS

- Schools and universities
- Offices and municipal buildings
- Healthcare facilities and hospitals

FEATURES

- 90-minutes of operating time in power outages
- Field-adjustable light output
- Field-adjustable CCT
- 50,000-hour rated life
- 5-year warranty
- Up to 125 LPW
- DLC Premium
- 0-10V Dimming
- Sealed enclosure (Bug/dust free)
- Anti-yellowing frosted diffuser
- Suitable for damp locations

APPLICATION

- Drop/grid ceilings



SPECIFICATIONS

Life (@L70): 50,000 hours

Warranty: 5 years

PERFORMANCE

Operating temp: -4°F to 104°F (-20°C to 40°C)

Efficacy (LPW): 125

CRI: 80

ELECTRICAL

Input voltage: 120-277V

Input frequency: 50/60Hz

PF: ≥.95

THD: N/A

Surge protection: ANSI C82.77 compliant

Dimming: 0-10VDC ANSI C137.x compliant

Minimum dimming: N/A

Aux. Voltage: No

Driver Class: Class 2

LED driver model:

2x2 = Built In

2X4 = Built In

Whip/Cord: No

Sensor: No

Wattage delivered during power outage:

PT2EB & PT4EB: 10W

OPTICAL

Beam: 110°

Lens: Polycarbonate Frosted

UGR: N/A

PHYSICAL

Finish: Powder Coat

Color: White

Housing: N/A

INDUSTRY STANDARDS/RATINGS

IP: 20

IK: N/A

Location: Damp

IC: N/A

UL/ETL: ETL

FCC: Yes

RoHS: Yes

DLC: 5.1 Premium

MOUNTING

Standard: T-bar grid (drop ceilings)

Wiring access: 1/2" trade size knockouts

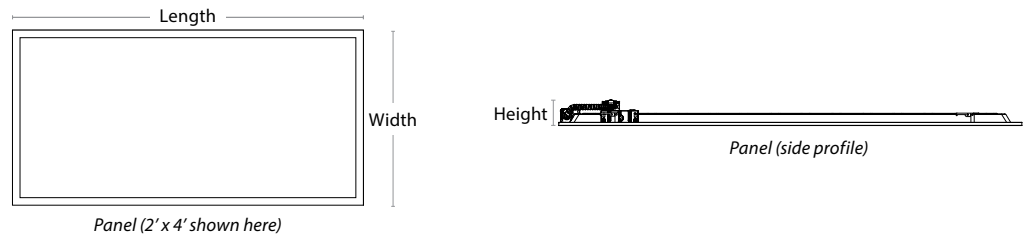
ACCESSORIES

Surface Mounting Kit
Drywall Mounting Kit

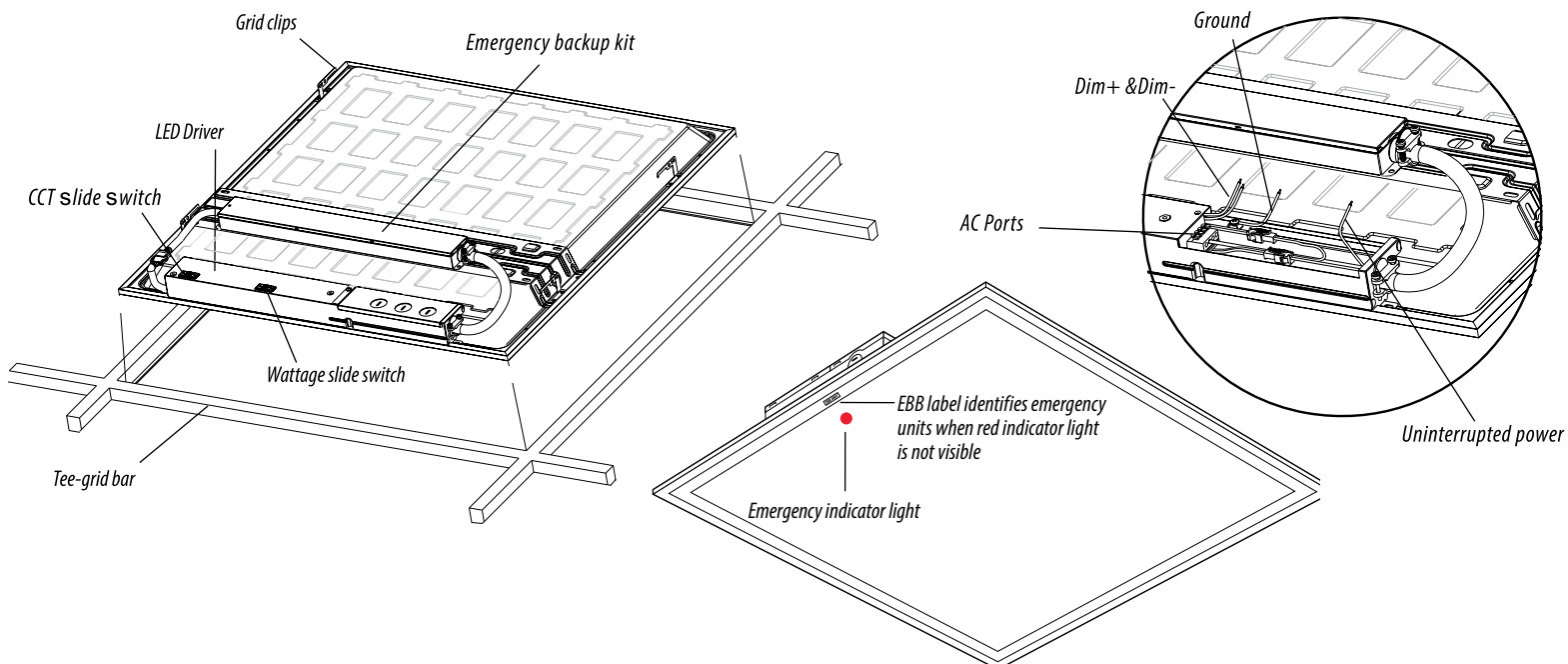
Suspension Mounting Kit

DIMENSIONS / WEIGHT

ORDERING CODE	SIZE	LENGTH	WIDTH	HEIGHT
PT4EB	2' x 4'	47.5"	23.75"	2.71"
PT2EB	2' x 2'	23.75"	23.75"	2.71"



PRODUCT OVERVIEW AND INSTALLATION



ORDERING INFORMATION

Listed below are the max wattage settings and lumens for each model number.

ORDERING CODE	DESCRIPTION	SIZE	WATTS	VOLTS	CCT (K)	LUMENS
PT4EB	2x4 LED Light Panel with Integrated EBB	2' x 4'	25 30 40 45 50	120-277V	3500K 4000K 5000K	3125 3750 5000 5625 6250
PT2EB	2x2 LED Light Panel with Integrated EBB	2' x 2'	18 20 25 30 36	120-277V	3500K 4000K 5000K	2250 2500 3125 3750 4500

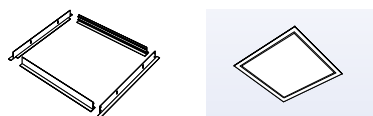


ACCESSORIES

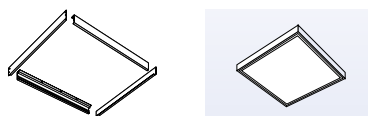
MODEL #	DESCRIPTION	USAGE
TR01	Test remote for integrated EBB	Test and demo EBB functionality. One remote will control all EBB equipped units.

MOUNTING

DRYWALL MOUNT KIT



SURFACE MOUNT KIT



SUSPENSION MOUNT KIT



DRYWALL MOUNT KIT

MODEL #	DESCRIPTION	USAGE	OUTSIDE DIMENSIONS
FPAM224	2x4 Drywall Mount Kit	Recess mount 2x4 Panels in ceiling surfaces	47.85" x 23.94" x 2.44"
FPAM222	2x2 Drywall Mount Kit	Recess mount 2x2 Panels in ceiling surfaces	24.07" x 23.94" x 2.44"
FPAM221	1x4 Drywall Mount Kit	Recess mount 1x4 Panels in ceiling surfaces	47.85" x 11.97" x 2.44"

SURFACE MOUNT KIT

MODEL #	DESCRIPTION	USAGE	OUTSIDE DIMENSIONS
PTAM204	2x4 Surface Mount Kit	Surface mount 2x4 Panels to ceiling surfaces	47.85" x 23.94" x 3.1875"
PTAM202	2x2 Surface Mount Kit	Surface mount 2x2 Panels to ceiling surfaces	24.07" x 23.94" x 3.1875"
PTAM301	1x4 Surface Mount Kit	Surface mount 1x4 Panels to ceiling surfaces	47.85" x 11.97" x 3.1875"

SUSPENSION MOUNT KIT

MODEL #	DESCRIPTION	USAGE	WEIGHT RATING	MAX DISTANCE FROM CEILING
PTAM214	2x4 Suspension Mount Kit	Suspend 2x4 Panels from ceiling	25 lbs	4.45'
PTAM212	2X2 Suspension Mount Kit	Suspend 2x2 Panels from ceiling	25 lbs	4.45'
PTAM211	1X4 Suspension Mount Kit	Suspend 1x4 Panels from ceiling	25 lbs	4.45'