LITETRONICS®

LED BACK LIT PANEL

WATT AND CCT SELECTABLE

DESCRIPTION

Combining top-of-the-line efficiency, versatility, and a stylish, modern design, our line of LED Light Panels offers ideal solutions for a wide range of interior applications.

Our LED Back Lit Panel Series features field-selectable wattage and CCT, enabling a wide range of output options from a single fixture. Each fixture includes up to 3 unique lumen levels and 3 options for color temperature (3500/4000/5000).

Installation is simple and quick; this LED panel upgrade fits seamlessly into all standard 2' x 4', 2' x 2' or 1' x 4' grid ceiling layouts. It can also be recessed into grid ceiling applications, surface mounted or suspension mounted as alternatives.

The LED Back Lit Panel delivers up to 110 lumens per watt (LPW) over the course of it's 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.

FEATURES

- Selectable wattage (up to 3 settings)
- Selectable CCT (3500K, 4000K, 5000K)
- DLC 5.1 Standard (up to 110 LPW)
- Size options: 2x4, 2x2, 1x4
- Sealed enclosure (Bug/dust free)
- Anti-yellowing frosted diffuser
- ETL Damp location rating
- IC rated
- 0-10V Dimming
- 50,000-hour rated life
- 5-year warranty
- Compatible with Emergency Battery Backup
- Easy installation
- Grid, suspension, or surface

MARKETS

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

MOUNTING

- Grid ceiling
- Suspension
- Surface Mount

CERTIFICATIONS

DLC LISTED · ETL LISTED US · FC · RoHS Compliant

SPECIFICATIONS

Life (@L70): 50,000 hours
Warranty: 5 years

PERFORMANCE

Operating temp: 32°F to 104°F (0°C to 40°C)
Efficacy (LPW): 110
CRI: 80

ELECTRICAL

Input voltage: 120-277V
Input frequency: 50/60Hz
PF: ≥.95
THD: ≤20%
Surge protection: ANSI C82.77 compliant
Dimming: 0-10VDC ANSI C137.x compliant
Minimum dimming: 0% of rated lumen LED drive current
Aux. Voltage: No
Whip/Cord: No
Sensor: No

OPTICAL

Beam: N/A
Lens: Polycarbonate Frosted
UGR: N/A

PHYSICAL

Finish: Powder Coat
Color: White
Housing: Painted Steel

INDUSTRY STANDARDS/RATINGS

IP: 20
IK: N/A
Location: Damp
IC: Yes
UL/ETL: ETL
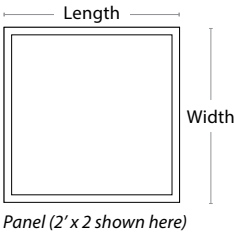**FCC:** Yes
RoHS: Yes
DLC: 5.1 Standard

MOUNTING

Standard: T-bar grid (drop ceilings)
Wiring access: 1/2" trade size knockouts

ACCESSORIES

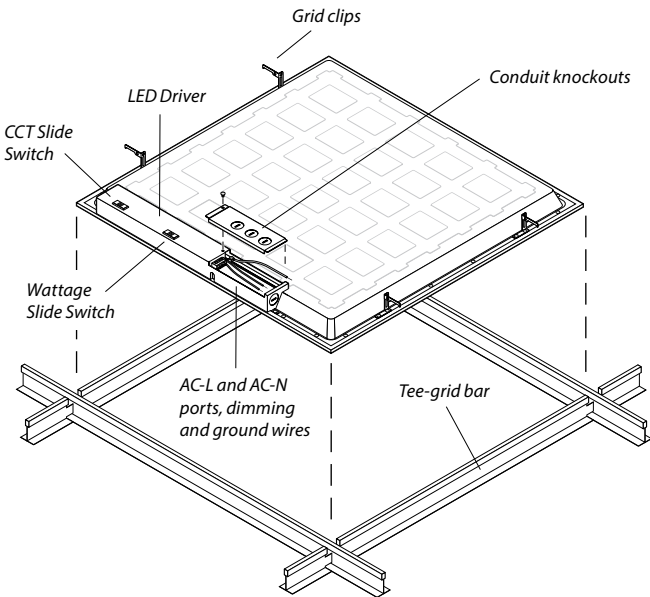**Emergency Battery Backup**
Surface Mounting Kit

Suspension Mounting Kit

DIMENSIONS / WEIGHT

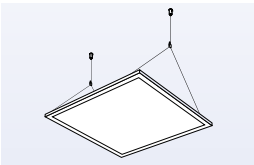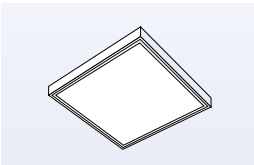| ORDER#	SIZE	LENGTH	WIDTH	HEIGHT
PST4	2' x 4'	47.75"	23.75"	1.75"
PST2	2' x 2'	23.75"	23.75"	1.75"
PST1	1' x 4'	47.75"	11.9"	1.75"

Panel (2' x 2 shown here)

Panel (side profile)

PRODUCT OVERVIEW AND INSTALLATION

STANDARD GRID CEILING MOUNTING

Grid clips
LED Driver
Conduit knockouts
CCT Slide Switch
Wattage Slide Switch
AC-L and AC-N ports, dimming and ground wires
Tee-grid bar

ALTERNATIVE MOUNTING OPTIONS

Suspension mounted

Surface mounted

Drywall mounted

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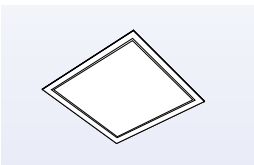
ORDERING INFORMATION

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

PST4

PST2

PST1

| ORDERING CODE	DESCRIPTION	WATTS	VOLTS	CCT (K)	LUMENS
PST4	2x4 LED Back Lit Panel Watt and CCT Selectable	30 | 40 | 50	120-277V	3500K | 4000K | 5000K	3,300 | 4,400 | 5,500
PST2	2x2 LED Back Lit Panel Watt and CCT Selectable	25 | 30 | 40	120-277V	3500K | 4000K | 5000K	2,750 | 3,300 | 4,400
PST1	1x4 LED Back Lit Panel Watt and CCT Selectable	25 | 30 | 40	120-277V	3500K | 4000K | 5000K	2,750 | 3,300 | 4,400

EB10

EBCM

EBAM

TR01

EMERGENCY BATTERY BACKUP

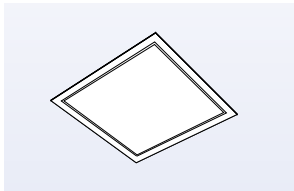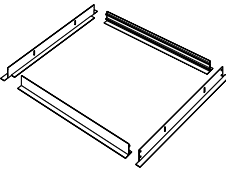| MODEL #	DESCRIPTION	USAGE
EB10	10W Emergency Battery Backup	Supplies battery backup to an individual fixture for up to 90 minutes. Must be ordered with EBCM or EBAM indicator module.
EBCM	Ceiling-Mounted Indicator Module	This Ceiling-Mounted Indicator Module (EBCM) can be used with one of Litetronics' emergency battery backup products (EB10, EB10N or EB20) to provide a visual confirmation of the operational status of the EBB unit. This module is typically used in grid ceiling applications where it is recess mounted in a panel adjacent to the fixture.
EBAM	Adhesive-Mounted Indicator Module	This Adhesive-Mounted Indicator Module (EBAM) must be used with one of Litetronics' emergency battery backup products (EB10, EB10N or EB20) to provide a visual confirmation of the operational status of the EBB unit. This module is typically used in open ceiling or drywall ceiling applications where the module is applied to the side of the fixture, mounting kit, or a nearby structural element.
TR01	LED Emergency Light Test Remote	This accessory is required to operate and test the EMBB. Only one remote required per area, building or site as necessary.

SURFACE MOUNT KIT

MODEL #	DESCRIPTION	USAGE	OUTSIDE DIMENSIONS
PASSMT4	2x4 Surface Mount Kit	Surface mount 2x4 Panels to ceiling surfaces	47.85" x 23.94" x 3.1875"
PASSMT2	2x2 Surface Mount Kit	Surface mount 2x2 Panels to ceiling surfaces	24.07" x 23.94" x 3.1875"
PASSMT1	1x4 Surface Mount Kit	Surface mount 1x4 Panels to ceiling surfaces	47.85" x 11.97" x 3.1875"
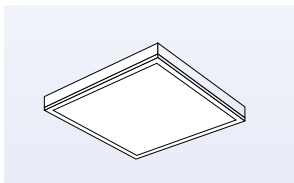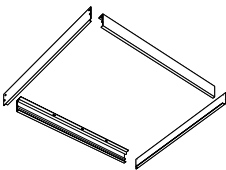
DRYWALL MOUNT KIT

MODEL #	DESCRIPTION	USAGE	OUTSIDE DIMENSIONS
PADMT4	2x4 Drywall Mount Kit	Recess mount 2x4 Panels in ceiling surfaces	49.29" x 25.27" x 0.98"
PADMT2	2x2 Drywall Mount Kit	Recess mount 2x2 Panels in ceiling surfaces	25.19" x 25.19" x 0.98"
PADMT1	1x4 Drywall Mount Kit	Recess mount 1x4 Panels in ceiling surfaces	49.29" x 13.39" x 0.98"

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'

Cable Length is 5'