

PROJECT:	
CATALOG #	
TYPE:	DATE:

## STANDARD DLC LED BACK LIT PANEL

### SELECTABLE OUTPUT

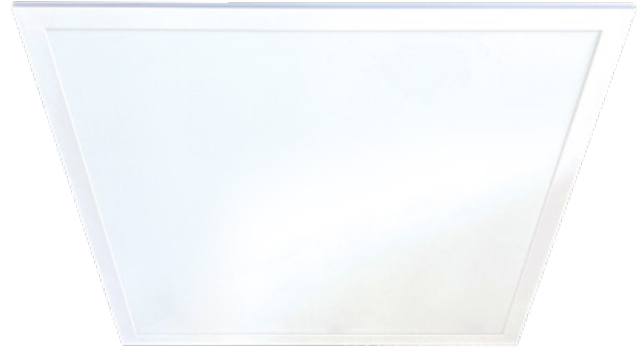
#### DESCRIPTION

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 Standard DLC 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 drywall ceiling applications, surface mounted or suspension mounted as alternatives.

The LED Light Panel delivers up to 110 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.



#### 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, surface or recessed mounting

#### MARKETS

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

#### MOUNTING

- Grid ceiling
- Suspension
- Surface Mount
- Recessed drywall

#### CERTIFICATIONS



## SPECIFICATIONS

**Life (@L70):** 50,000 hours

**Warranty:** 5 years

### PERFORMANCE

**Operating temp:** -4°F to 104°F (-20°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

**Driver Class:** N/A

**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

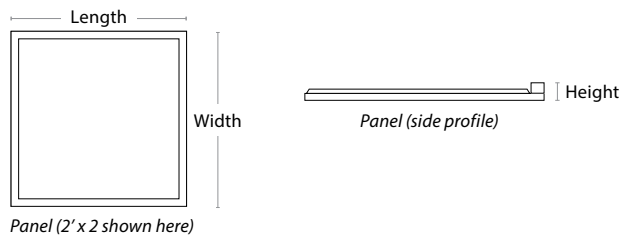
## ACCESSORIES

**Emergency Battery Backup**  
**Surface Mounting Kit**

**Drywall Mounting Kit**  
**Suspension Mounting Kit**

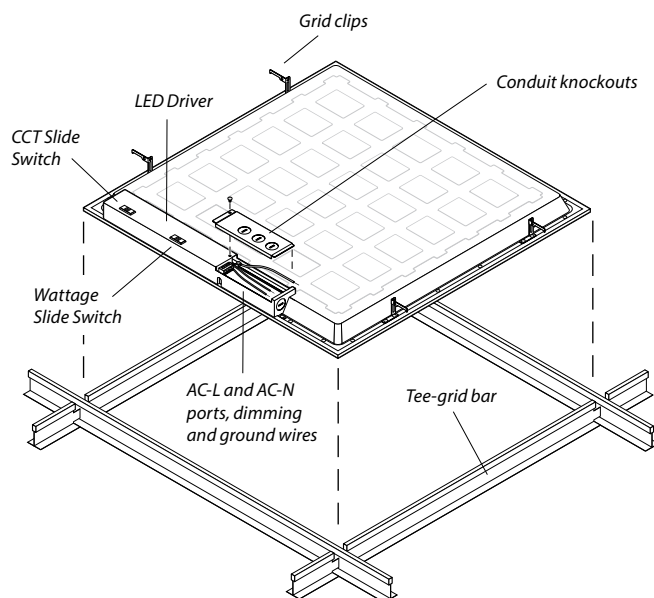
## DIMENSIONS / WEIGHT

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"

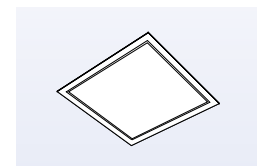


## PRODUCT OVERVIEW AND INSTALLATION

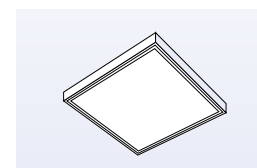
### STANDARD GRID CEILING MOUNTING



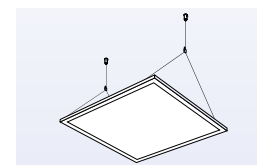
### ALTERNATIVE MOUNTING OPTIONS



Recessed drywall mounted



Surface mounted



Suspension mounted

## ORDERING INFORMATION

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



ORDERING CODE	DESCRIPTION	WATTS	VOLTS	CCT (K)	LUMENS
PST4	2x4 Standard DLC LED Back Lit Panel Selectable Output	30   40   50	120-277V	3500K   4000K   5000K	3,300   4,400   5,500
PST2	2x2 Standard DLC LED Back Lit Panel Selectable Output	20   30   40	120-277V	3500K   4000K   5000K	2,200   3,300   4,400
PST1	1x4 Standard DLC LED Back Lit Panel Selectable Output	20   30   40	120-277V	3500K   4000K   5000K	2,200   3,300   4,400

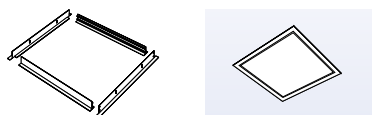


## EMERGENCY BATTERY BACKUP

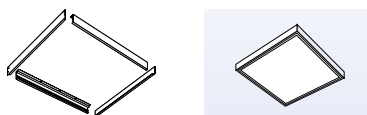
MODEL #	DESCRIPTION	USAGE
EB10	10W Emergency Battery Backup	Supplies battery backup to an individual fixture for up to 90 minutes. <u>Must be ordered with EBCM or EBAM indicator module.</u>
EBCM	Ceiling-Mounted Indicator Module	This Ceiling-Mounted Indicator Module (EBCM) can be used with one of Litetronics' 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.

## ORDERING INFORMATION

### 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	49.44" x 25.46" x 1.65"
FPAM222	2x2 Drywall Mount Kit	Recess mount 2x2 Panels in ceiling surfaces	25.46" x 25.46" x 1.65"
FPAM221	1x4 Drywall Mount Kit	Recess mount 1x4 Panels in ceiling surfaces	49.44" x 13.57" x 1.65"

## 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'