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PRO

# **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 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, 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



Litetronics, Inc. | 6969 W. 73rd St. Bedford Park, IL 60638 | Tel:1-800-860-3392 | customerservice@litetronics.com

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# **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

## MOUNTING

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

## **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″  |

# OPTICAL

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

## PHYSICAL

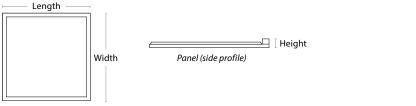
Finish: Powder Coat Color: White Housing: Painted Steel

#### **INDUSTRY STANDARDS/RATINGS**

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

## ACCESSORIES

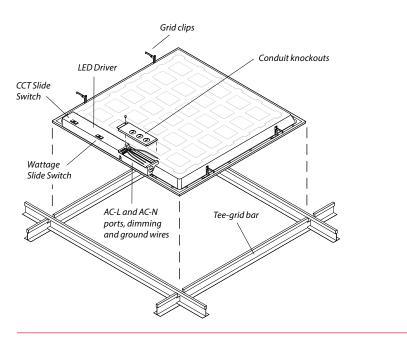
Emergency Battery Backup Surface Mounting Kit Drywall Mounting Kit Suspension Mounting Kit



Panel (2' x 2 shown here)

# **PRODUCT OVERVIEW AND INSTALLATION**

#### STANDARD GRID CEILING MOUNTING



## ALTERNATIVE MOUNTING OPTIONS



Recessed drywall mounted



Surface mounted



Suspension mounted

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

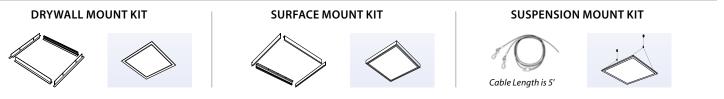
| PST4          | PST2  |              | PS       | ΤΙ                    |                       |
|---------------|---|--------------|----------|-----------------------|-----------------------|
| ORDERING CODE | DESCRIPTION   | WATTS        | VOLTS    | CCT (K)               | LUMENS                |
| 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 L  | it Panel Selectable Output | 20   30   40 | 120-277V | 3500K   4000K   5000K | 2,200   3,300   4,400 |
|------|------------------------------|----------------------------|--------------|----------|-----------------------|-----------------------|
| PST1 | 1x4 Standard DLC LED Back Li | t Panel Selectable Output  | 20   30   40 | 120-277V | 3500K   4000K   5000K | 2,200   3,300   4,400 |
| EE   |                              | ЕВСМ                       | EBAI         | M<br>I   | TRO1                  |                       |

# **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</u><br>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.  |

## **ORDERING INFORMATION**



# **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′                     |

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