

LED LIGHT PANEL



The Litetronics LED Light Panel is a simple, efficient and cost effective lighting solution for your grid ceiling layouts, resulting in a more modern look with low-glare, uniform light distribution and significant energy savings. Whether you're looking to convert your existing fluorescent lighting to LED or to implement LED lighting into a new construction project, you've found the right option. Available in 1' x 4', 2' x 2' or 2' x 4' standard grid sizes, this LED panel offers a quick and easy installation process. In a matter of minutes, this panel can be dropped into your grid layout, wired up and powered on. It can also be used without a grid ceiling; our accessory kits enable the panel to be recess mounted as well as suspension mounted.

Designed with efficiency and versatility in mind, the LED Light Panel comes equipped with an adjustable wattage driver, enabling the installer or end user to fine tune the lumen output to achieve the ideal level of brightness in the room. When less lumens are required, the driver can be set to a lower wattage, which means energy costs are reduced even further.

This 125 lumen per watt product has a 100,000 hour-rated-life (at L70) and is backed by a 10-year warranty, guaranteeing years of uninterrupted, highly efficient light.

KEY FEATURES

- Adjustable wattage driver
- 100,000-hour rated life
- 10-year warranty
- Suitable for damp locations
- 125 LPW
- Anti-yellowing PMMA frosted lens
- 0-10V dimming
- Universal 120-277V
- Compatible with Emergency Battery Backup
- Bug and dust free

MARKETS

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

APPLICATIONS

- Drop/grid ceilings
- Suspension mount*
- Drywall mount*



* with accessories

LED LIGHT PANEL ORDERING INFORMATION

2' X 2'

WATTAGE SETTINGS	DESCRIPTION	ORDERING CODE	CCT (K)	LUMINAIRE LUMENS	DLC RATING
18, 20, 25, 30, 36	2X2 LED LIGHT PANEL WITH ADJUSTABLE WATTAGE 36W MAX 3500K	PT235	3500	2250, 2500, 3125, 3750, 4500	PREMIUM
18, 20, 25, 30, 36	2X2 LED LIGHT PANEL WITH ADJUSTABLE WATTAGE 36W MAX 4000K	PT240	4000	2250, 2500, 3125, 3750, 4500	PREMIUM
18, 20, 25, 30, 36	2X2 LED LIGHT PANEL WITH ADJUSTABLE WATTAGE 36W MAX 5000K	PT250	5000	2250, 2500, 3125, 3750, 4500	PREMIUM

2' X 4'

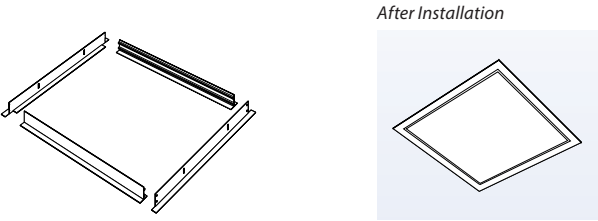
WATTAGE SETTINGS	DESCRIPTION	ORDERING CODE	CCT (K)	LUMINAIRE LUMENS	DLC RATING
25, 30, 40, 45, 50	2X4 LED LIGHT PANEL WITH ADJUSTABLE WATTAGE 50W MAX 3500K	PT435	3500	3125, 3750, 5000, 5625, 6250	PREMIUM
25, 30, 40, 45, 50	2X4 LED LIGHT PANEL WITH ADJUSTABLE WATTAGE 50W MAX 4000K	PT440	4000	3125, 3750, 5000, 5625, 6250	PREMIUM
25, 30, 40, 45, 50	2X4 LED LIGHT PANEL WITH ADJUSTABLE WATTAGE 50W MAX 5000K	PT450	5000	3125, 3750, 5000, 5625, 6250	PREMIUM

1' X 4'

WATTAGE SETTINGS	DESCRIPTION	ORDERING CODE	CCT (K)	LUMINAIRE LUMENS	DLC RATING
18, 20, 25	1X4 LED LIGHT PANEL WITH ADJUSTABLE WATTAGE 25W MAX 3500K	PT135	3500	2250, 2500, 3125	PENDING
18, 20, 25	1X4 LED LIGHT PANEL WITH ADJUSTABLE WATTAGE 25W MAX 4000K	PT140	4000	2250, 2500, 3125	PENDING
18, 20, 25	1X4 LED LIGHT PANEL WITH ADJUSTABLE WATTAGE 25W MAX 5000K	PT150	5000	2250, 2500, 3125	PENDING

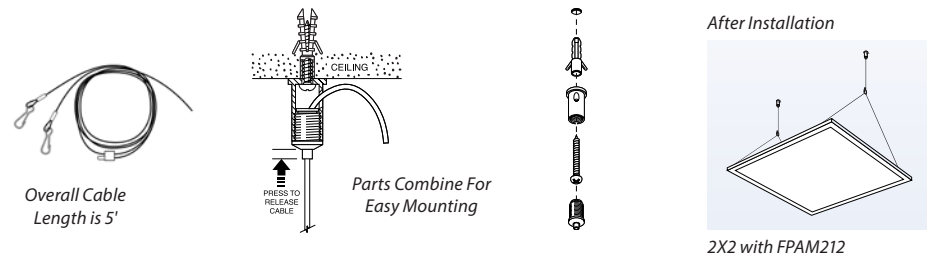
ACCESSORIES

DRYWALL MOUNT KIT



DESCRIPTION	ORDERING CODE	ACCESSORY USE	FINAL OUTSIDE DIMENSIONS
2x2 DRYWALL MOUNT KIT	FPAM222	Used to mount 2x2 Light Panels to ceiling surfaces	24.07" x 23.94" x 2.44"
1x4 DRYWALL MOUNT KIT	FPAM221	Used to mount 1x4 Light Panels to ceiling surfaces	47.85" x 11.97" x 2.44"
2x4 DRYWALL MOUNT KIT	FPAM224	Used to mount 2x4 Light Panels to ceiling surfaces	47.85" x 23.94" x 2.44"

SUSPENSION MOUNT KIT



MAXIMUM & MINIMUM HEIGHT FROM CEILING

PART	MAX. HEIGHT	MIN. HEIGHT
2' x 2'	4.45'	0.86'
1' x 4'	4.45'	0.86'
2' x 4'	4.45'	0.86'

DESCRIPTION	ORDERING CODE	ACCESSORY USE	WEIGHT RATING
1X4 & 2X2 SUSPENSION MOUNT KIT	FPAM212	Suspend 1x4 & 2x2 Light Panels from ceiling	25 lbs
2x4 SUSPENSION MOUNT KIT	FPAM214	Suspend 2x4 Light Panels from ceiling	25 lbs

SPECIFICATIONS

Average rated life: 100,000 hours

Warranty: 10 years

Operating temperature: -4°F to 104°F

Surge protection: ANSI C82.77 compliant

Input voltage: 120-277V

Input frequency: 50/60Hz

Power factor: ≥0.95

LED driver type: Class 2

LED driver model: 1x4 and 2x2 = P42UDL-A0920
2X4 = P42UDL-A1020

CRI: 80

Color consistency: Central limit 4-Step McAdam
Ellipse with LED mixing for tight unit to unit control

Rated lumen depreciation: L70 @ 100,000 hours

Standard dimming: 0-10VDC ANSI C137.x
compliant

Minimum dimming: 0% of rated lumen LED
drive current

Location rating: Damp

UL/cUL listed: Yes

RoHS compliant: Yes

MOUNTING

Standard: T-bar grid (drop ceilings)

Wiring access: 1/2" trade size knockouts

Security: T-grid clips compatible with seismic wires

Additional options: Recessed drywall or suspension mount kits available.

ACCESSORIES

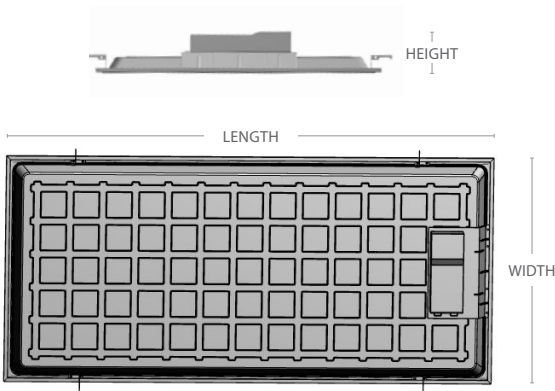
Recessed drywall mount kit

Suspension mount kit

Emergency Battery Backup

SIZING

SIZE	WIDTH	LENGTH	HEIGHT
2' X 2'	23.75"	23.75"	2.8"
1' X 4'	11.9"	47.5"	2.8"
2' X 4'	23.75"	47.5"	2.8"



PRODUCT OVERVIEW & STANDARD MOUNTING

