

DESCRIPTION

The LPX-CP5 Series backlit LED panels offer superior performance in an adjustable, energy-efficient low-profile design. It is available in 1' x 4', 2' x 2' and 2' x 4' configurations and provides flexibility while minimizing inventory by simply adjusting both CCT and wattage. The CCT can easily be switched between 3000K, 3500K, 4000K, 5000K and 6500K. The wattage can be adjusted between 5 levels for impeccably customizable lighting. Additional customization is available with multiple mounting accessory choices. This series is ideal for office spaces, schools, hospitals, and any indoor location that requires even illumination and lower maintenance. The LPX-CP5 Series is compatible with most standard T-bar grid ceilings, includes 0-10V dimming standard and features PMMA optical lensing that will not yellow over time. DesignLights Consortium® (DLC) Qualified for energy rebates. All panels are packaged in a quantity of two.

SPECIFICATIONS

Construction:

- Die-formed steel enclosure with powder coated matte white finish
- Recessed design fits most standard T-bar grid ceilings, only 1.5" thickness
- Backlit design, LEDs sit at the back of the enclosure aimed directly at the diffuser to evenly illuminate the entire surface of the panel
- Sturdy frame prevents warping due to the slightly more elevated profile

Optics/LEDs:

- Field-switchable color temperatures: 3000K, 3500K, 4000K, 5000K and 6500K CCT. Switch located outside driver box behind the unit
- CRI ≥80
- Efficacy up to 134 lumens per watt
- L70 > 100,000hrs
- UV-stabilized PMMA optical lenses over the LEDs that will not yellow over time

Electrical:

- Universal 120-277VAC, 50/60Hz
- Power Factor > 0.90
- Flicker-free 0-10V dimming driver
- Field-switchable power, switch located outside driver box behind the unit
 - 1' x 4' switchable between 20W-25W-30W-35W-40W (2,600-3,200-3,700-4,300-4,800 lumens)
 - 2' x 2' switchable between 20W-25W-30W-35W-40W (2,600-3,200-3,700-4,300-4,800 lumens)
 - 2' x 4' switchable between 30W-35W-40W-45W-50W (4,000-4,500-5,100-5,700-6,200 lumens)

Installation:

- Unit simply lifts through grid ceiling and rests on T-bars
- Easy installation in new construction or retrofit
- Standard recessed mounting in most 1' x 4', 2' x 2' or 2' x 4' grid ceilings
- Earthquake clips included
- Easily set wattage and CCT during installation using the adjustment switches located outside the driver box

Testing & Compliance:

- cULus Listed for Damp Locations
- DesignLights Consortium® (DLC) Qualified for the following categories:
 - 1x4/2x2/2x4 Luminaires for Ambient Lighting Interior Commercial Spaces
- Operating temperatures: -20°C to 40°C (-4°F to 104°F)
0°C to 40°C (32°F to 104°F) with Battery Backup installed

Options:

- Integral battery backup offers up to 1,000 lumens of emergency powered illumination for 90 minutes for path of egress. Rated for ambient temperatures of 0°C to 40°C (32°F to 104°F)

Model: _____ Date: _____
Accessories: _____
Job Name: _____ Type: _____



Specs at a Glance

Configurations	LPX-14-CP5	LPX-22-CP5	LPX-24-CP5
Wattage (W)*	20W-25W-30W-35W-40W (Switchable)	20W-25W-30W-35W-40W (Switchable)	30W-35W-40W-45W-50W (Switchable)
Lumens (lm)	2,600 - 4,800	2,600 - 4,800	4,000 - 6,200
CCT (K)	3000K-3500K-4000K-5000K-6500K (Switchable)		
Efficacy (LPW)	up to 134		
CRI	≥80		
Input Voltage	120-277VAC, 50/60Hz		
Operating Temp	-20°C to 40°C (-4°F to 104°F)		
Certifications	cULus Listed for Damp Locations, DLC		
Warranty	5 Years		

* Nominal Wattage, tested at 4000K CCT. See performance table for details.

Note: Environment and application will affect actual performance. Typical values and 25°C (77°F) used for testing. Specifications subject to change without notice.

Warranty:

- Five Year Warranty (Terms and Conditions Apply)

Accessories:

- Bluetooth PIR motion sensor with daylight harvesting, white finish, 12VDC (LE-MS-ECO3)
- Bluetooth fixture controller, 120-277VAC, 60Hz, 6A Max (LE-C1)
- Bluetooth wall switches (LE-SWX)
- Optional surface mount kit (LPX-14-SMK, LPX-22-SMK and LPX-24-SMK)

- Optional flange mount kit (LP14-FMK, LP22-FMK and LP24-FMK)
- Suspension mount kit (LPX-CMK)
- Field-installed 6' Metal clad whip (6 conductor, #18, for use in dimming applications)
- Field-installed battery packs available for emergency egress lighting (PEMD)

ORDERING INFORMATION (Example: LPX-14-CP5-BB)

Series/Size	CCT/Power	Options
LPX-14 ¹ = 1' x 4'	CP5 = Power and Color Switchable (3000/3500K/4000K/5000K/6500K)	BB = Battery Backup
LPX-22 ¹ = 2' x 2'		
LPX-24 ¹ = 2' x 4'		

LiteLogic Accessories ² (Field installed)	Accessories ² (Field installed)
LE-MS-ECO3 = Bluetooth PIR Motion Sensor with Daylight Harvesting, 12VDC (1 per room)	LPX-CMK = Y Cable Suspension Mount Kit
LE-C1 = Bluetooth Fixture Controller, 120-277VAC, 60Hz, 6A Max (1/fixture)	LP14-FMK = 1' X 4' Flange Mount Kit
LE-C2 = Bluetooth Fixture Controller and Signal Booster, 120-277VAC, 60Hz, 6A Max (1/fixture)	LP22-FMK = 2' X 2' Flange Mount Kit
LE-CMS2 = Bluetooth Sensor and Ultrasonic Motion Sensor with Daylight Harvesting, 120-277VAC	LP24-FMK = 2' X 4' Flange Mount Kit
LE-SMS1 = Bluetooth PIR Motion Sensor Wall Switch, 120-277VAC (Neutral Required)	LPX-14-SMK = 1' x 4' Surface Mount Kit
LE-SW2 = Bluetooth Enabled, 5-Button Battery Powered Wall Switch	LPX-22-SMK = 2' x 2' Surface Mount Kit
LE-SW3 = Bluetooth Enabled, 3-Button Wall Switch 120-277VAC (Neutral Required)	LPX-24-SMK = 2' x 4' Surface Mount Kit
LE-SW4 = Bluetooth Enabled, 7-Button Wall Switch, 120-277VAC (Neutral Required)	MC6-6 = Metal Clad 6' (6 Conductor) #18 Leads Whip
LE-WP = Wallplate for LE-SW2	(For Dimming Applications)
	PEMD-8-CP-BRT2 ³ = 8W Constant Power Emergency Driver and Mounting Kit
	PEMD-8-CP-BRT4 ⁴ = 8W Constant Power Emergency Driver and Mounting Kit

Notes¹ Panels are packaged in quantity of two (2pcs/carton)² Order as a separate line item. Shipped in a separate box for final installation in the field³ Mounting kit fits 2' x 2' configurations⁴ Mounting kit fits 1' x 4' & 2' x 4' configurations**PERFORMANCE DATA**

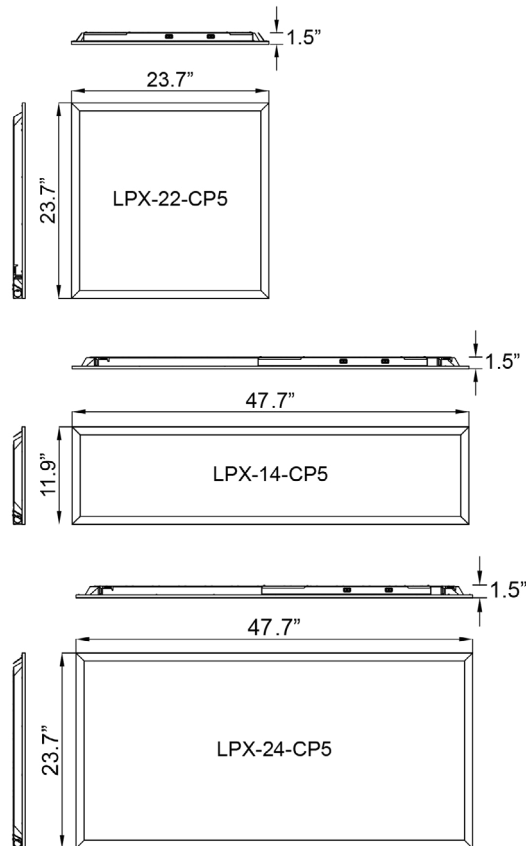
Model	Wattage	CCT	Lumens	LPW	CRI
LPX-14-CP5 (20W, 3000K)	20W	3000K	2616	130	80
LPX-14-CP5 (20W, 4000K)	20W	4000K	2647	132	80
LPX-14-CP5 (20W, 6500K)	20W	6500K	2632	130	80
LPX-14-CP5 (25W, 3000K)	25W	3000K	3190	127	80
LPX-14-CP5 (25W, 4000K)	25W	4000K	3228	129	80
LPX-14-CP5 (25W, 6500K)	25W	6500K	3210	127	80
LPX-14-CP5 (30W, 3000K)	30W	3000K	3753	125	80
LPX-14-CP5 (30W, 4000K)	30W	4000K	3798	126	80
LPX-14-CP5 (30W, 6500K)	30W	6500K	3776	125	80
LPX-14-CP5 (35W, 3000K)	35W	3000K	4313	123	80
LPX-14-CP5 (35W, 4000K)	35W	4000K	4366	124	80
LPX-14-CP5 (35W, 6500K)	35W	6500K	4341	123	80
LPX-14-CP5 (40W, 3000K)	40W	3000K	4846	121	80
LPX-14-CP5 (40W, 4000K)	40W	4000K	4905	122	80
LPX-14-CP5 (40W, 6500K)	40W	6500K	4877	121	80
LPX-22-CP5 (20W, 3000K)	20W	3000K	2605	131	80
LPX-22-CP5 (20W, 4000K)	20W	4000K	2651	134	80
LPX-22-CP5 (20W, 6500K)	20W	6500K	2630	132	80
LPX-22-CP5 (25W, 3000K)	25W	3000K	3176	128	80
LPX-22-CP5 (25W, 4000K)	25W	4000K	3233	130	80
LPX-22-CP5 (25W, 6500K)	25W	6500K	3207	129	80

Specifications are subject to change without notice.
 Installation must be performed in accordance with
 Barron Lighting Group installation instructions.

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LPX-22-CP5 (30W, 3000K)	30W	3000K	3737	125	80
LPX-22-CP5 (30W, 4000K)	30W	4000K	3803	128	80
LPX-22-CP5 (30W, 6500K)	30W	6500K	3773	126	80
LPX-22-CP5 (35W, 3000K)	35W	3000K	4295	124	80
LPX-22-CP5 (35W, 4000K)	35W	4000K	4372	126	80
LPX-22-CP5 (35W, 6500K)	35W	6500K	4336	124	80
LPX-22-CP5 (40W, 3000K)	40W	3000K	4826	121	80
LPX-22-CP5 (40W, 4000K)	40W	4000K	4912	124	80
LPX-22-CP5 (40W, 6500K)	40W	6500K	4872	122	80
LPX-24-CP5 (30W, 3000K)	30W	3000K	3949	130	80
LPX-24-CP5 (30W, 4000K)	30W	4000K	3969	132	80
LPX-24-CP5 (30W, 6500K)	30W	6500K	3967	132	80
LPX-24-CP5 (35W, 3000K)	35W	3000K	4539	129	80
LPX-24-CP5 (35W, 4000K)	35W	4000K	4562	130	80
LPX-24-CP5 (35W, 6500K)	35W	6500K	4560	130	80
LPX-24-CP5 (40W, 3000K)	40W	3000K	5100	127	80
LPX-24-CP5 (40W, 4000K)	40W	4000K	5126	128	80
LPX-24-CP5 (40W, 6500K)	40W	6500K	5123	128	80
LPX-24-CP5 (45W, 3000K)	45W	3000K	5667	125	80
LPX-24-CP5 (45W, 4000K)	45W	4000K	5696	126	80
LPX-24-CP5 (45W, 6500K)	45W	6500K	5693	126	80
LPX-24-CP5 (50W, 3000K)	50W	3000K	6193	123	80
LPX-24-CP5 (50W, 4000K)	50W	4000K	6225	124	80
LPX-24-CP5 (50W, 6500K)	50W	6500K	6222	124	80

DIMENSIONS



SAMPLE PHOTOMETRY

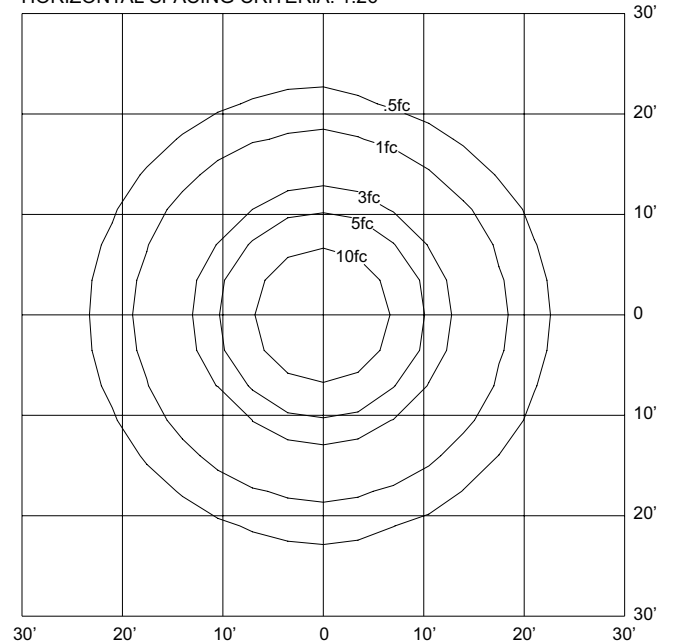
LPX-24-CP5 (50W, 4000K)

IES: TYPE VS Very Short

MOUNTING HEIGHT: 10'

TILT: ZERO

HORIZONTAL SPACING CRITERIA: 1.26



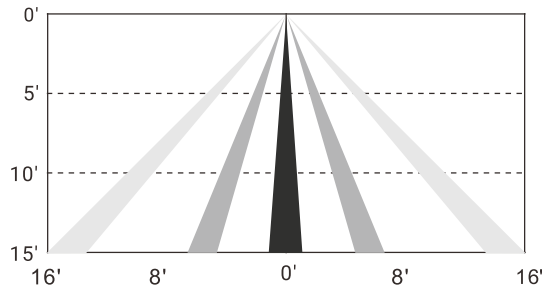
DRIVER BOX DETAIL



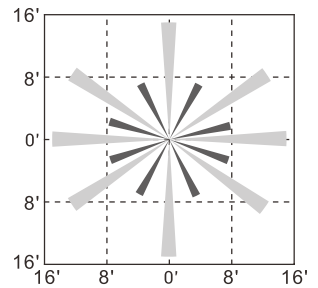
Sensor Details - Bluetooth Enabled (Accessories LE-MS-ECO3 & LE-C1) [Click here for sensor details](#)



Coverage Side View



Coverage Top View (15')



SEE APP FOR SENSOR SETTINGS

For a complete list of **LiteLogic** compatible products, [click here](#).



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App Store



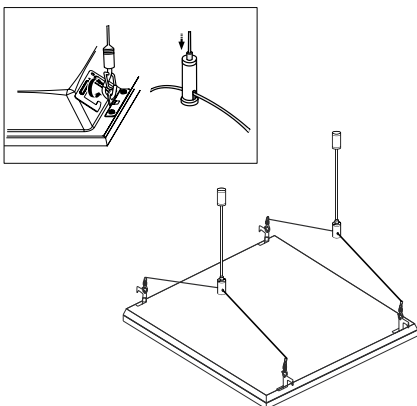
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Note: Bluetooth sensor controls do not allow for CCT selection using the app. CCT must be manually selected on the fixture.

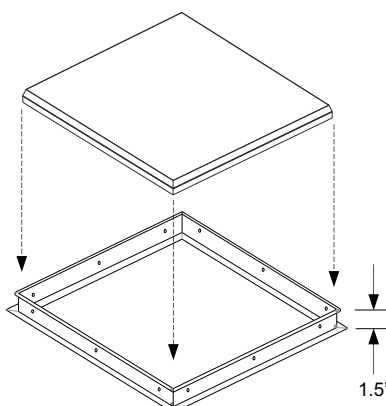
Cable Mount Kit (LPX-CMK)

Optional Y cable mounting kit (LPX-CMK) allows for suspended installations from any ceiling type. (2 pcs/kit, 3.2' length)



Flange Mount Kit (LPXX-FMK)

Optional flange kit (LP14-FMK, LP22-FMK, LP24-FMK) mounts above drywall ceiling, allows panel to be mounted flush to ceiling.



Surface Mount Kit (LPX-XX-SMK)

Optional surface mount kit (LPX-14-SMK, LPX-22-SMK, LPX-24-SMK) allows for installation on plaster or other hard ceilings.

