

DESCRIPTION

The LPX-CP4H Series backlit LED panels offer superior performance and high output in an adjustable, energy-efficient low-profile design. It is available in 2' x 2' and 2' x 4' configurations and provides flexibility with switchable CCT and wattage. The CCT can easily be switched between 3000K, 3500K, 4000K and 5000K. The wattage can be adjusted between 43W-53W-63W for the 2' x 2' configuration and 58W-68W-80W for the 2' x 4' configuration. This series is ideal for office spaces, schools, hospitals, and any indoor location that requires even illumination and lower maintenance. The LPX-CP4H 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 four.

SPECIFICATIONS

Construction:

- Cold rolled carbon steel enclosure in a white finish
- Recessed design fits most standard T-bar grid ceilings, only 1.4" 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:

- Switchable between four color temperatures: 3000K, 3500K, 4000K and 5000K CCT. Switch located outside driver box behind the unit
- For standard output switchable panels see the [LPX-CP4 Series](#).
- CRI ≥80
- Efficacy up to 121 lumens per watt
- L70 > 50,000hrs
- UV-stabilized PMMA optical lenses over the LEDs that will not yellow over time

Electrical:

- Universal 120-277VAC, 50/60Hz
- Power Factor > 0.90
- 0-10V Dimming driver
- Power switchable, switch located outside driver box behind the unit
 - 2' x 2' switchable between 43W-53W-63W
 - 2' x 4' switchable between 58W-68W-80W

Testing & Compliance:

- cULus Listed for Damp Locations, IC rated for insulated ceilings
- IP20 Rated
- DesignLights Consortium® (DLC) Qualified for the following categories:
 - 2x2/2x4 Luminaires for Ambient Lighting Interior Commercial Spaces
 - Low-Bay Luminaires for Commercial and Industrial Buildings
- Operating temperatures: -20°C to 40°C (-4°F to 104°F)

Installation:

- Unit simply lifts through grid ceiling and rests on T-bars
- Easy installation in new construction or retrofit
- Standard recessed mounting in most 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

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-22-SMK and LPX-24-SMK)
- Optional flange mount kit (LP22-FMK and LP24-FMK)
- Suspension mount kit (LPX-CMK)
- Field-installed battery packs available for emergency egress lighting ([LBDX](#))
- Field-installed 6' Metal clad whip (6 conductor, #18, for use in dimming applications)

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



Not all product variations listed on this page are DLC qualified. Visit <https://designlights.org/qpl> to confirm qualification.

Specs at a Glance		
Configuration	LPX-22-CP4H	LPX-24-CP4H
CCT (K)	3000K-3500K-4000K-5000K (Switchable)	
Wattage (W)*	43W-53W-63W (Switchable)	58W-68W-80W (Switchable)
Lumens (lm)	4,990 - 7,000	7,000 - 9,170
Efficacy (LPW)	Up to 116	Up to 121
CRI	≥80	
Input Voltage	120-277VAC, 50/60Hz, 0-10V Dimmable	
Operating Temp	-20°C to 40°C (-4°F to 104°F)	
Certifications	cULus Listed for Damp Locations, IC Rated, DLC	
Warranty	5 Years	

Warranty:

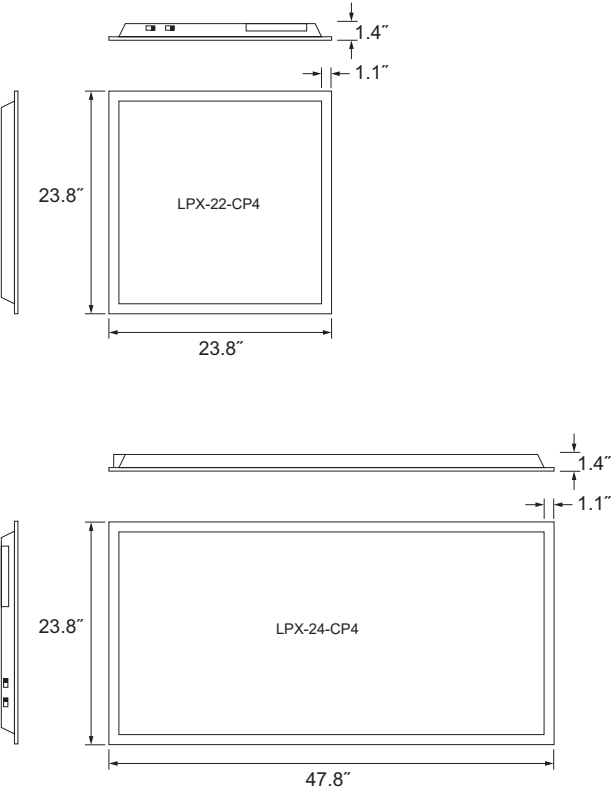
- Five Year Warranty (Terms and Conditions Apply)

Model	Description
LPX-22-CP4H ¹	2' x 2' Backlit, Power Switchable 43W/53W/63W, Color Switchable 3000K/3500K/4000K/5000K CCT, 120-277VAC
LPX-24-CP4H ¹	2' x 4' Backlit, Power Switchable 58W/68W/80W, Color Switchable 3000K/3500K/4000K/5000K CCT, 120-277VAC

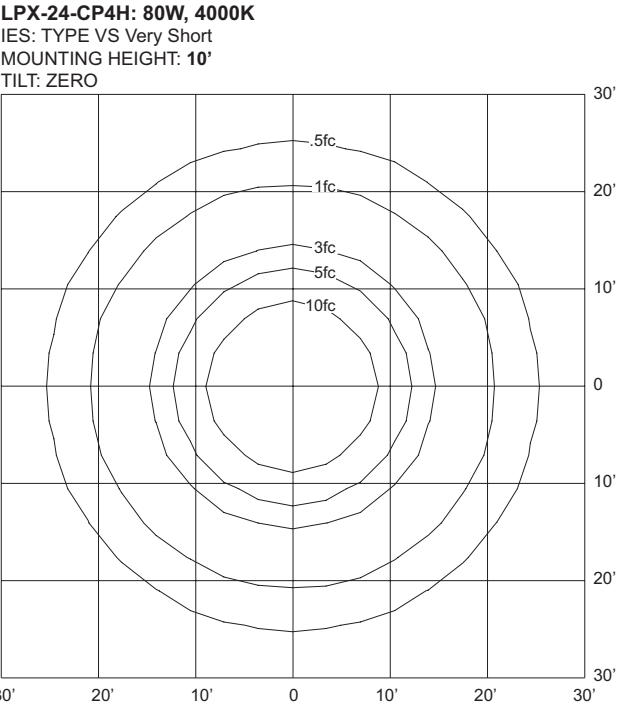
LiteLogic Accessories ² (Field installed)	Accessories ² (Field Installed)
LE-MS-ECO3 = Bluetooth PIR Motion Sensor with Daylight Harvesting, White Finish, 12VDC (1 Per Room)	LBDX-5-CP-C ^{3,4} = 5W Constant Power Emergency LED Driver
LE-C1 = Bluetooth Fixture Controller, 120-277VAC, 60Hz, 6A Max (1 Per Fixture)	LBDX-10-CP-C ^{3,4} = 10W Constant Power Emergency LED Driver
LE-SW2 = Bluetooth Enabled, 5-Button, Battery Powered Wall Switch	LBDX-13-CP-C ^{3,4} = 13W Constant Power Emergency LED Driver
LE-SW3 = Bluetooth Enabled, 3-Button, Line Voltage Wall Switch (Neutral Required)	LP-EMBKT ⁵ = Mounting bracket accessory for LBD emergency driver
LE-SW4 = Bluetooth Enabled, 7-Button, Line Voltage Wall Switch (Neutral Required)	LPX-CMK = Y Cable Suspension Mount Kit
LE-WP = Wallplate for LE-SW2	LP22-FMK = 2' X 2' Flange Mount Kit
	LP24-FMK = 2' X 4' Flange Mount Kit
	LPX-22-SMK = 2' x 2' Surface Mount Kit
	LPX-24-SMK = 2' x 4' Surface Mount Kit
	MC6-6 = Metal Clad 6' (6 Conductor) #18 Leads Whip (For Dimming Applications)

- Notes**
- ¹ Panels are packaged in quantity of four (4pcs/carton)
- ² Order as a separate line item. Shipped in a separate box for final installation in the field
- ³ See back page for battery pack lumen output. Not compatible with LPxx-SMK kit
- ⁴ Consult [LBDX](#) spec sheet for more details on battery pack, must be remote mounted
- ⁵ Not compatible with LPX-xx-SMK or LPXX-FMK kits.

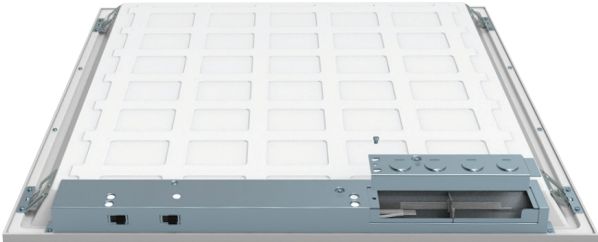
Dimensions



Sample Photometry



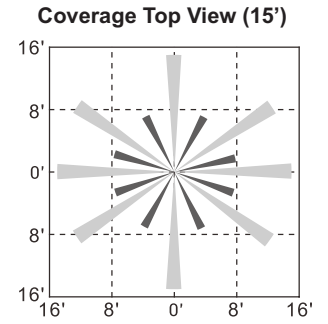
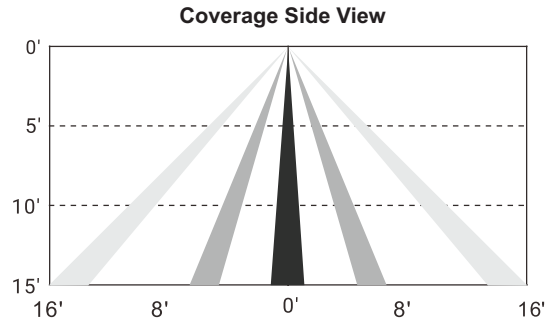
Driver Box Detail



Performance

Model	Wattage (Nominal)	CCT	Lumens	LPW	LBDX Battery Packs With LPX-CP4 Series: Wattage Battery Backup Lumens		
					LBDX-5-CP-C	LBDX-10-CP-C	LBDX-13-CP-C
LPX-22-CP4H (43W, 4K)	43W	4000K	4,988	116	580	1,160	1,508
LPX-22-CP4H (53W, 4K)	53W	4000K	5,989	113	565	1,130	1,469
LPX-22-CP4H (63W, 4K)	63W	4000K	6,993	111	555	1,110	1,443
LPX-24-CP4H (58W, 4K)	58W	4000K	7,000	121	605	1,210	1,573
LPX-24-CP4H (68W, 4K)	68W	4000K	8,000	118	590	1,180	1,534
LPX-24-CP4H (80W, 4K)	80W	4000K	9,170	115	575	1,150	1,495

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



SEE APP FOR SENSOR SETTINGS

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



Get it from the
App Store



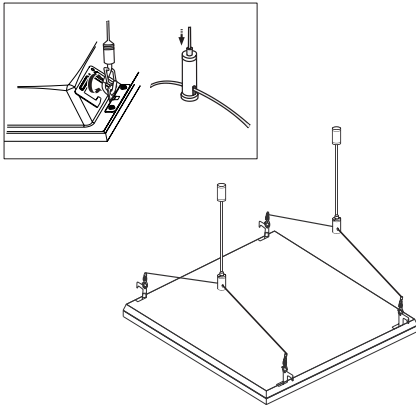
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Note: Bluetooth sensor controls do not allow for CCT selection using the app. CCT must be manually selected on the fixture.

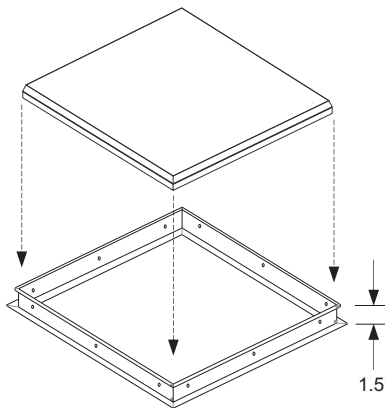
Cable Mount Kit (LPX-CMK)

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 (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-22-SMK, LPX-24-SMK) allows for installation on plaster or other hard ceilings.

