EQUITY LINE
TRACE∗LITE

LPX-CP4 Series
Color and Power Switchable LED Flat Panel

Model: _____   Date: _____

Accessories: _____

Job Name: _____   Type: _____

Color and Power SWITCHABLE

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

DESCRIPTION
The LPX-CP4 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 and 5000K. The wattage can be adjusted between 20W-30W-40W for the 1' x 4', 20W-30W-40W or 43W-53W-63W for the 2' x 2' configurations and 30W-40W-50W or 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-CP4 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 panels with non-switchable CCT see the LPX Series.
• CRI ≥80
• Efficacy up to 130 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
  • 1' x 4' switchable between 20W-30W-40W
  • 2 'x 2' switchable between 20W-30W-40W or 43W-53W-63W for high output version
  • 2' x 4' switchable between 30W-40W-50W or 58W-68W-80W for high output version

Testing & Compliance:
• cULus Listed for Damp Locations, IC rated for insulated ceilings
• IP20 Rated
• DesignLights Consortium® (DLC) Qualified for the following categories:
  • 1x4/2x2/2x4 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 40°C)

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)

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

Specs at a Glance — * Nominal Wattage (Switchable), Tested at 4000K CCT

Configuration	LPX-14-CP4	LPX-22-CP4	LPX-22-CP4H	LPX-24-CP4	LPX-24-CP4H
CCT (K)	3000K-3500K-4000K-5000K (Switchable)				
Wattage (W)*	20W-30W-40W (Switchable)		43W-53W-63W (Switchable)	30W-40W-50W (Switchable)	58W-68W-80W (Switchable)
Lumens (lm)	2,600 - 4,650	2,600 - 4,684	4,990 - 7,000	3,790 - 5,800	7,000 - 9,170
Efficacy (LPW)	Up to 130	Up to 130	Up to 116	Up to 126	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				

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 battery packs available for emergency egress lighting (LBDX)
• Field-installed 6' Metal clad whip (6 conductor, #18, for use in dimming applications)

Warranty:
• Five Year Warranty (Terms and Conditions Apply)

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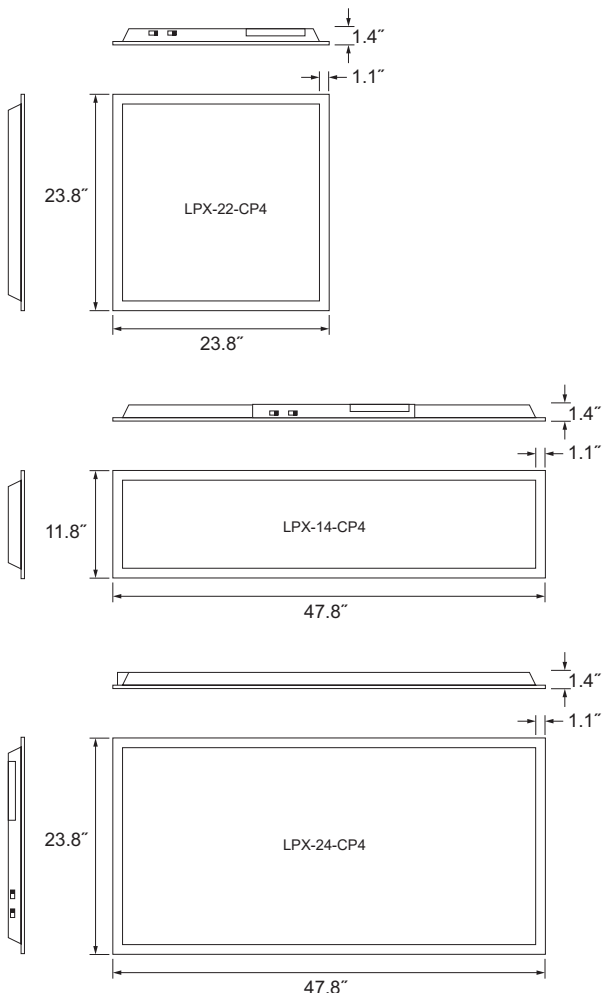## Ordering Information (Example: LPX-22-CP4)

Model	Description
LPX-14-CP4[1]	1' x 4' Backlit, Power Switchable 20W/30W/40W, Color Switchable 3000K/3500K/4000K/5000K CCT, 120-277VAC
LPX-22-CP4[1]	2' x 2' Backlit, Power Switchable 20W/30W/40W, Color Switchable 3000K/3500K/4000K/5000K CCT, 120-277VAC
LPX-22-CP4-BB[1]	2' x 2' Backlit, Power Switchable 20W/30W/40W, Color Switchable 3000K/3500K/4000K/5000K CCT, 120-277VAC, Battery Backup
LPX-22-CP4H[1]	2' x 2' Backlit, Power Switchable 43W/53W/63W, Color Switchable 3000K/3500K/4000K/5000K CCT, 120-277VAC
LPX-24-CP4[1]	2' x 4' Backlit, Power Switchable 30W/40W/50W, Color Switchable 3000K/3500K/4000K/5000K CCT, 120-277VAC
LPX-24-CP4-BB[1]	2' x 4' Backlit, Power Switchable 30W/40W/50W, Color Switchable 3000K/3500K/4000K/5000K CCT, 120-277VAC, Battery Backup
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	LP14-FMK = 1' X 4' Flange Mount Kit
	LP22-FMK = 2' X 2' Flange Mount Kit
	LP24-FMK = 2' X 4' Flange Mount Kit

Notes	
[1] Panels are packaged in quantity of four (4pcs/carton)	LPX-14-SMK = 1' x 4' Surface Mount Kit
[2] Order as a separate line item. Shipped in a separate box for final installation in the field	LPX-22-SMK = 2' x 2' Surface Mount Kit
[3] See back page for battery pack lumen output. Not compatible with LPxx-SMK kit	LPX-24-SMK = 2' x 4' Surface Mount Kit
[4] Consult LBDX spec sheet for more details on battery pack, must be remote mounted	MC6-6 = Metal Clad 6' (6 Conductor) #18 Leads Whip (For Dimming Applications)
[5] Not compatible with LPX-xx-SMK or LPXX-FMK kits. Only compatible with 2' x 2' and 2' x 4' units	

Dimensions

LPX-22-CP4 — 23.8″ × 23.8″, 1.4″, 1.1″

LPX-14-CP4 — 11.8″ × 47.8″, 1.4″, 1.1″
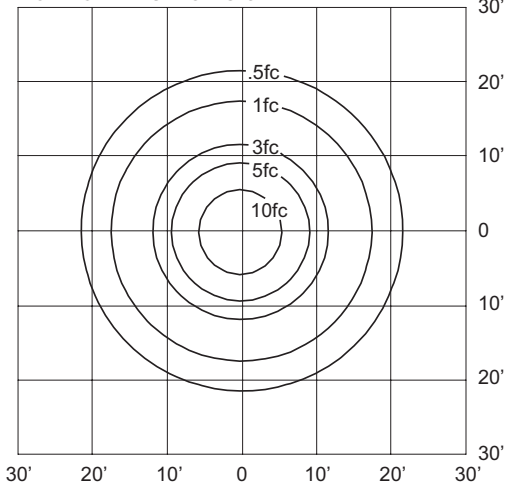
LPX-24-CP4 — 23.8″ × 47.8″, 1.4″, 1.1″

Sample Photometry

LPX-24-CP4: 50W, 5000K CCT
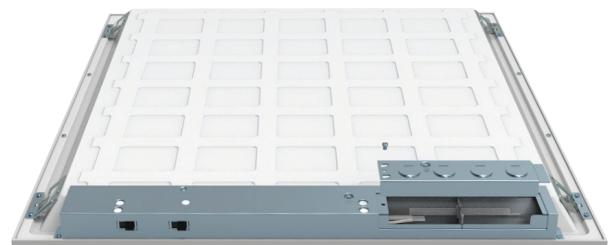IES: TYPE VS Very Short
MOUNTING HEIGHT: **10'**
TILT: ZERO
HORIZONTAL SPACING CRITERIA: ??

.5fc
1fc
3fc
5fc
10fc

Driver Box Detail

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

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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-14-CP4 (20W, 4K)	20W	4000K	2,600	130	585	1,170	1,521
LPX-14-CP4 (30W, 4K)	30W	4000K	3,600	120	540	1,080	1,404
LPX-14-CP4 (40W, 4K)	40W	4000K	4,650	120	540	1,080	1,404
LPX-22-CP4 (20W, 4K)	20W	4000K	2,600	130	585	1,170	1,521
LPX-22-CP4 (30W, 4K)	30W	4000K	3,600	120	540	1,080	1,404
LPX-22-CP4 (40W, 4K)	40W	4000K	4,684	119	535	1,071	1,392
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-CP4 (30W, 4K)	30W	4000K	3,790	126	567	1,134	1,474
LPX-24-CP4 (40W, 4K)	40W	4000K	4,800	120	540	1,080	1,404
LPX-24-CP4 (50W, 4K)	50W	4000K	5,800	116	522	1,044	1,357
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

LE-MS-ECO3

LE-C1

Coverage Side View
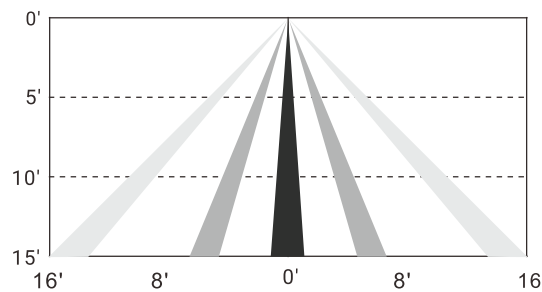
Coverage Top View (15')
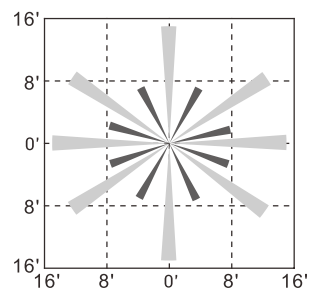
SEE APP FOR SENSOR SETTINGS

For a complete list of **LiteLogic** compatible products, click here.

litelogic LIGHTING CONTROLS
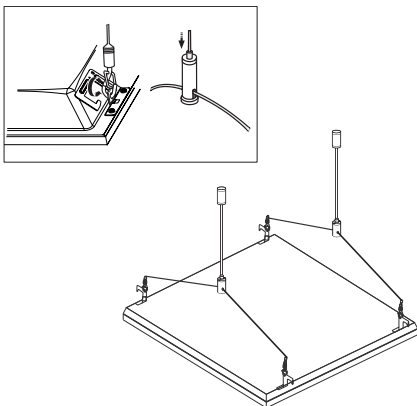
Get it from the **App Store**

Get it from **Google Play**

Note: Bluetooth sensor controls do not allow for CCT selection using the app. CCT must be manually selected on the fixture.
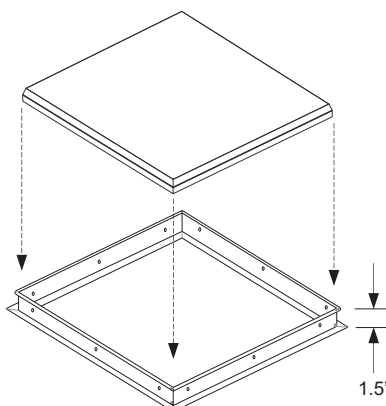
Cable Mount Kit (LPX-CMK)

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.

1.5"

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.

0.5" 0.5"

2.8"

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