EQUITY LINE
TRACE✷LITE

LPX-CP4 Series
Color and Power Switchable LED Flat Panel

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' and 2' x 2' configurations and 30W-40W-50W 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
• Aluminum frame with seamless corners
• 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 122 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, 1' x 4' and 2 'x 2' configuration between 20W, 30W and 40W, 2' x 4' configuration between 30W, 40W and 50W. Switch located outside driver box behind the unit

Testing & Compliance:
• cULus Listed for Damp Locations, IC rated for insulated ceilings
• IP20 Rated
• DesignLights Consortium® (DLC) Qualified
• Operating temperatures: -20°C to 40°C (-4°F to 40°C)

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-SW**X**)
• 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 Series)
• Field-installed 6' Metal clad whip (6 conductor, #18, for use in dimming applications)

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

Color and Power **SWITCHABLE**

Specs at a Glance		*Nominal Wattage (Switchable)*	
Configuration	LPX-14-CP4	LPX-22-CP4	LPX-24-CP4
CCT (K)	3000K-3500K-4000K-5000K (Switchable)		
Wattage (W)*	20W-30W-40W (Switchable)		30W-40W-50W (Switchable)
Lumens (lm)	2,450 - 4,216	2,415 - 4,243	3,600 - 5,492
Efficacy (LPW)	Up to 122	Up to 120	Up to 120
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		

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

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

10800416 Rev 5

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Ordering Information (Example: LPX-22-CP4)

Model	Description
LPX-14-CP4[1]	LED Flat Panel, 1' x 4' Backlit, Power Switchable 20W/30W/40W, Color Switchable 3000K/3500K/4000K/5000K CCT, 120-277VAC
LPX-22-CP4[1]	LED Flat Panel, 2' x 2' Backlit, Power Switchable 20W/30W/40W, Color Switchable 3000K/3500K/4000K/5000K CCT, 120-277VAC
LPX-24-CP4[1]	LED Flat Panel, 2' x 4' Backlit, Power Switchable 30W/40W/50W, Color Switchable 3000/3500K/4000K/5000K CCT, 120-277VAC

LiteLogic Accessories[3] (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] = Bracket Accy to Mount LBDX Emergency Driver to Fixture
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
Notes	LP24-FMK = 2' X 4' Flange Mount Kit
[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 2x2 and 2x4 units	

For non-switchable panels, see the LPX Series
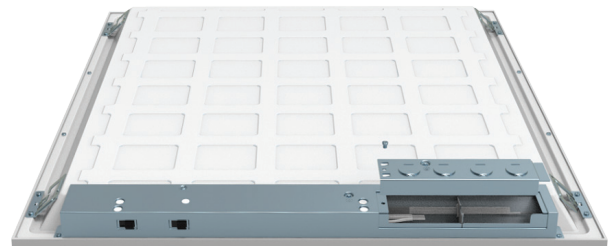
Dimensions

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″
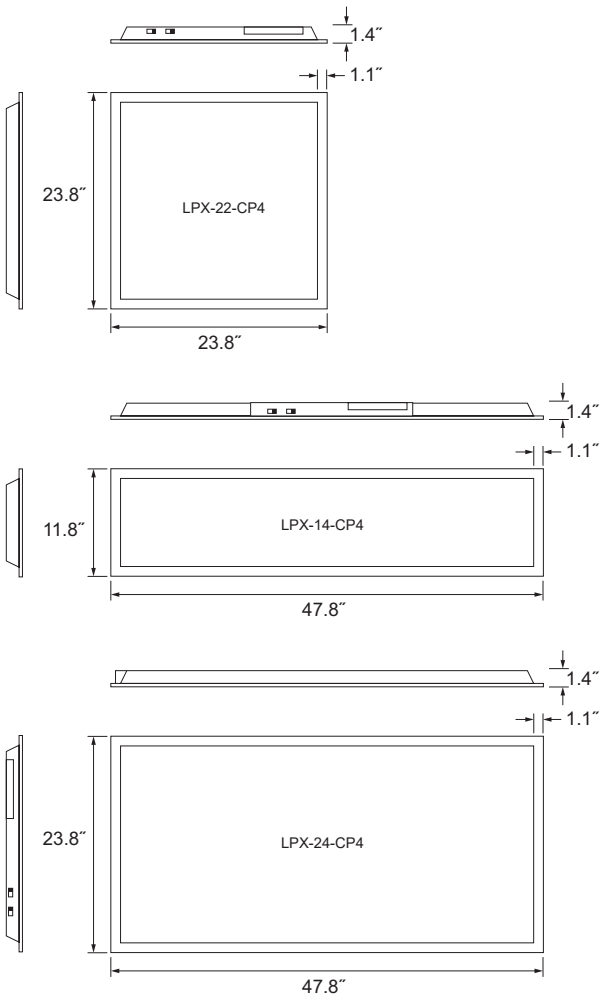
Sample Photometry

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

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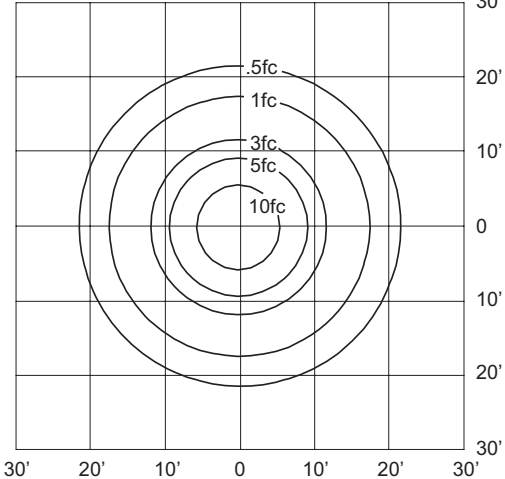
Lumen Output Summary for LBD Battery Pack Accessories (Consult LBDX spec sheet for more details. Click Here)

LBDX Battery Packs With LPX-CP4 Series:			LBDX-5-CP-C	LBDX-10-CP-C	LBDX-13-CP-C
Model	*Unit Lumens*	*Unit Wattage*	*Battery Backup Lumens*		
LPX-14-CP (20w, 3K)	2350	20	526	1053	1368
LPX-14-CP (20w, 35K)	2520	20	567	1134	1474
LPX-14-CP (20w, 4K)	2600	20	585	1170	1521
LPX-14-CP (20w, 5K)	2450	20	540	1080	1404
LPX-14-CP (30w, 3K)	3270	30	486	972	1263
LPX-14-CP (30w, 35K)	3540	30	531	1062	1380
LPX-14-CP (30w, 4K)	3600	30	540	1080	1404
LPX-14-CP (30w, 5K)	3390	30	508	1017	1322
LPX-14-CP (40w, 3K)	4216	40	490	981	1275
LPX-14-CP (40w, 35K)	4543	40	531	1062	1380
LPX-14-CP (40w, 4K)	4650	40	540	1080	1404
LPX-14-CP (40w, 5K)	4350	40	508	1017	1322
LPX-22-CP (20w, 3K)	2350	20	526	1053	1368
LPX-22-CP (20w, 35K)	2520	20	567	1134	1474
LPX-22-CP (20w, 4K)	2600	20	585	1170	1521
LPX-22-CP (20w, 5K)	2450	20	540	1080	1404
LPX-22-CP (30w, 3K)	3270	30	486	972	1263
LPX-22-CP (30w, 35K)	3540	30	531	1062	1380
LPX-22-CP (30w, 4K)	3600	30	540	1080	1404
LPX-22-CP (30w, 5K)	3390	30	508	1017	1322
LPX-22-CP (40w, 3K)	4243	40	486	972	1263
LPX-22-CP (40w, 35K)	4574	40	526	1053	1368
LPX-22-CP (40w, 4K)	4684	40	535	1071	1392
LPX-22-CP (40w, 5K)	4380	40	504	1008	1310
LPX-24-CP (30w, 3K)	3510	30	526	1053	1368
LPX-24-CP (30w, 35K)	3700	30	553	1107	1439
LPX-24-CP (30w, 4K)	3790	30	567	1134	1474
LPX-24-CP (30w, 5K)	3600	30	540	1080	1404
LPX-24-CP (40w, 3K)	4320	40	486	972	1263
LPX-24-CP (40w, 35K)	4718	40	531	1062	1380
LPX-24-CP (40w, 4K)	4800	40	540	1080	1404
LPX-24-CP (40w, 5K)	4520	40	508	1017	1322
LPX-24-CP (50w, 3K)	5492	50	495	990	1287
LPX-24-CP (50w, 35K)	5740	50	513	1026	1333
LPX-24-CP (50w, 4K)	5800	50	522	1044	1357
LPX-24-CP (50w, 5K)	5595	50	499	999	1298

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')
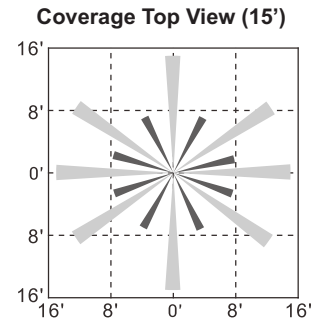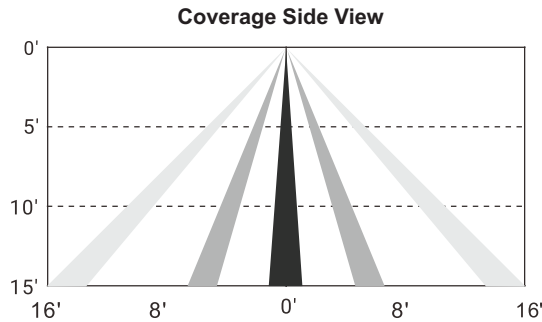
SEE APP FOR SENSOR SETTINGS

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

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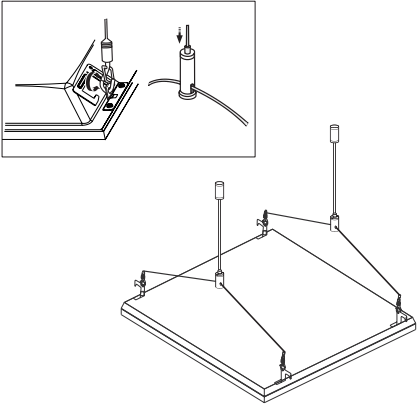
Get it from the **App Store**

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.

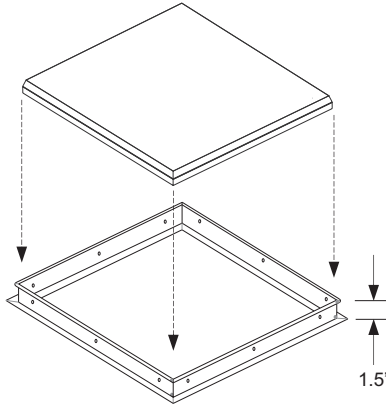**BARRON** lighting group

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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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