# 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**

[UL CERTIFIED] [DLC LISTED] [DAMP] [IC RATED] [5 YEAR WARRANTY]

[lite logic] [Bluetooth®]

| 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 6

# BARRON
lighting group

800.533.3948 • www.barronltg.com

## 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[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] = Bracket Accy to Mount LBDX 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 |
| **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 page 3 for battery pack lumen output. Not compatible with LPxx-SMK. Default CCT in battery backup mode is 5000K | 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



1.4″
1.1″
23.8″
LPX-22-CP4
23.8″

1.4″
1.1″
11.8″
LPX-14-CP4
47.8″

1.4″
1.1″
23.8″
LPX-24-CP4
47.8″
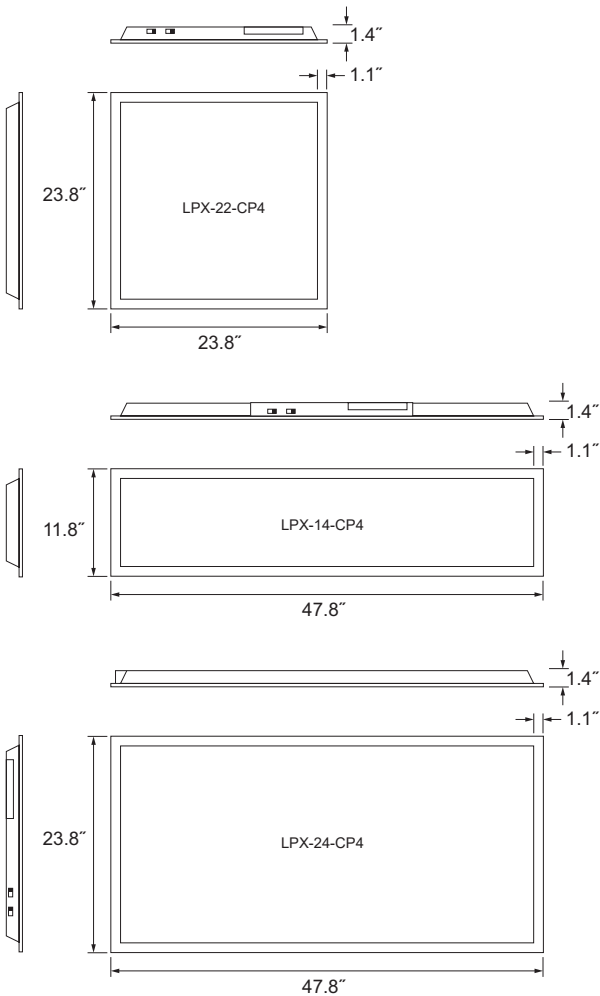
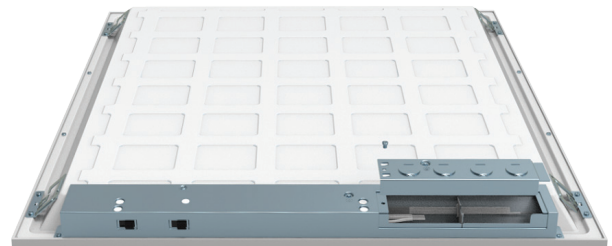## Sample Photometry

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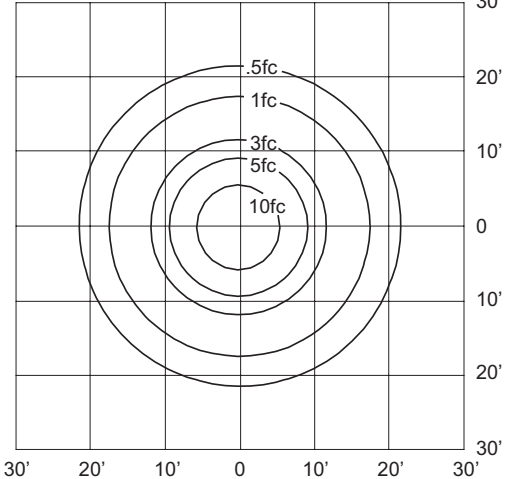


.5fc
1fc
3fc
5fc
10fc

30' 20' 10' 0 10' 20' 30'
30' 20' 10' 0 10' 20' 30'

## Driver Box Detail

BARRON
lighting group

800.533.3948 • www.barronltg.com

**Lumen Output Summary for LBD Battery Pack Accessories** (Consult LBDX spec sheet for more details. <u>Click Here</u>)

| 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, 5K) | 2450 | 20 | 540 | 1080 | 1404 |
| LPX-14-CP (30w, 5K) | 3390 | 30 | 508 | 1017 | 1322 |
| LPX-14-CP (40w, 5K) | 4350 | 40 | 508 | 1017 | 1322 |
| LPX-22-CP (20w, 5K) | 2450 | 20 | 540 | 1080 | 1404 |
| LPX-22-CP (30w, 5K) | 3390 | 30 | 508 | 1017 | 1322 |
| LPX-22-CP (40w, 5K) | 4380 | 40 | 504 | 1008 | 1310 |
| LPX-24-CP (30w, 5K) | 3600 | 30 | 540 | 1080 | 1404 |
| LPX-24-CP (40w, 5K) | 4520 | 40 | 508 | 1017 | 1322 |
| LPX-24-CP (50w, 5K) | 5595 | 50 | 499 | 999 | 1298 |

**Sensor Details - Bluetooth Enabled (Accessories LE-MS-ECO3 & LE-C1)** <u>Click here for sensor details</u>



LE-MS-ECO3

LE-C1

**Coverage Side View**



**Coverage Top View (15')**
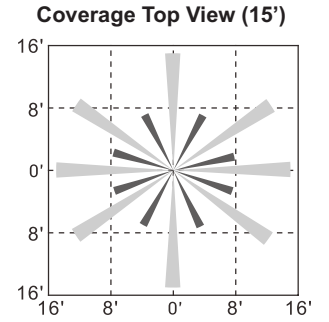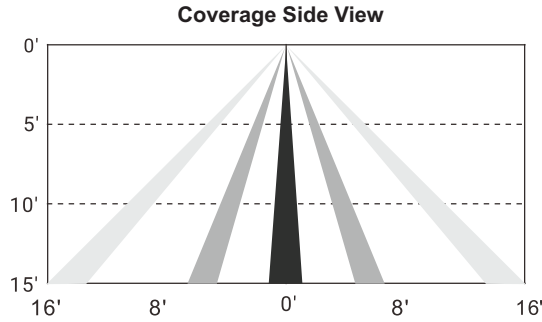


**SEE APP FOR SENSOR SETTINGS**

For a complete list of **LiteLogic** compatible products, <u>click here</u>.



litelogic
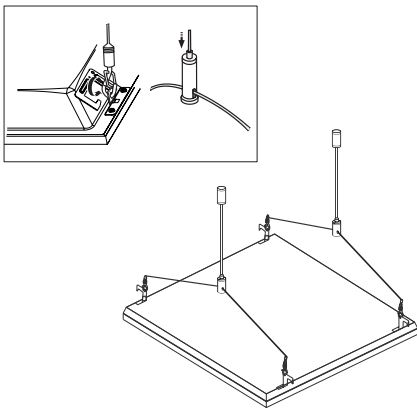LIGHTING CONTROLS

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.
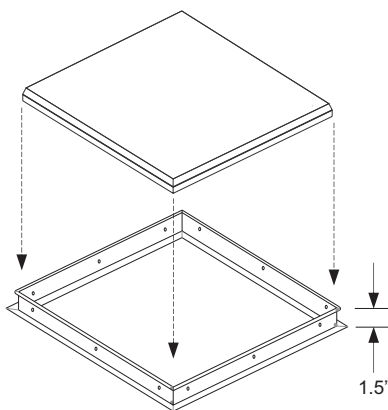
**Cable Mount Kit (LPX-CMK)**

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.



**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.

BARRON
lighting group

800.533.3948 • www.barronltg.com