

## DESCRIPTION

Trace-Lite's LPX Series backlit LED panel is a cost-effective solution that offers incredible performance in an energy-efficient package. The LPX is available in 2' x 2' and 2' x 4' configurations with configurations up to 7,100 lumens. Available in four dedicated color temperatures to fit your project needs. This series is ideal for office spaces, schools, hospitals, and any indoor location that requires even illumination and lower maintenance. The LPX Series is compatible with most standard T-bar grid ceilings and includes 0-10V dimming standard. DesignLights Consortium® (DLC) Qualified to maximize energy savings and utility rebates.

## 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

- 3000K, 3500K, 4000K and 5000K CCT available
- For color and power selectable panels, see the [LPX-CP Series](#)
- CRI ≥80
- Efficacy up to 126 lumens per watt
- L70 > 50,000hrs
- UV-stabilized optical lenses over the LEDs that will not yellow over time
- Polystyrene lens for optimized light diffusion

## ELECTRICAL

- Universal 120-277VAC, 50/60Hz
- Power Factor > 0.90
- 0-10V Dimming driver
- Power supply with high power factor of 90% typical

## 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

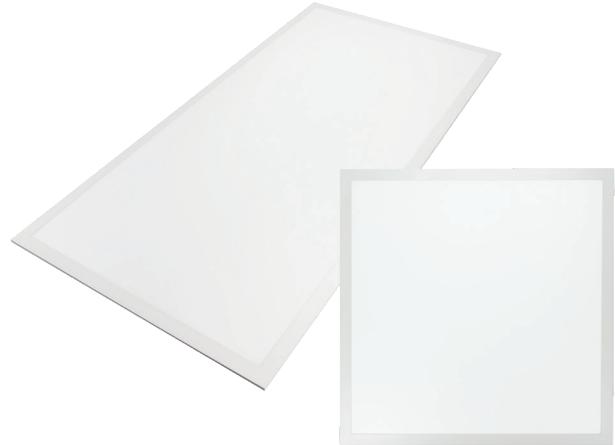
## TESTING & COMPLIANCE

- cULus listed for Damp Locations, rated for insulated ceilings (IC rated)
- DesignLights Consortium® (DLC) Qualified (Some models PREMIUM qualified) Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.
- IP20 rated
- Operating temperatures: -20°C to 40°C (-4°F to 104°F)

## WARRANTY

- Five year warranty (terms and conditions apply)

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
 Accessories: \_\_\_\_\_  
 Job Name: \_\_\_\_\_ Type: \_\_\_\_\_



Specs At A Glance*			
Model	LPX-22-40 (2' x 2')	LPX-24-40 (2' x 4')	LPX-24-60 (2' x 4')
Wattage (W)	40W	40W	60W
Lumens (lm)	4,201 - 4,335	4,266 - 4,414	7,137 - 7,146
CCT	3000K, 3500K, 4000K, 5000K		
Efficacy (LPW)	Up to 112 LPW		Up to 126 LPW
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 (LPX-22-40, LPX-24-40) DLC PREMIUM (LPX-24-60)		
Warranty	5 Years		
Weight	2.0lbs	4.0lbs	

\*Nominal Wattage. Tested at 5000K CCT.  
 See performance table for more detailed lumen information.

## ORDERING INFORMATION

Example: LPX-24-60-35K-P

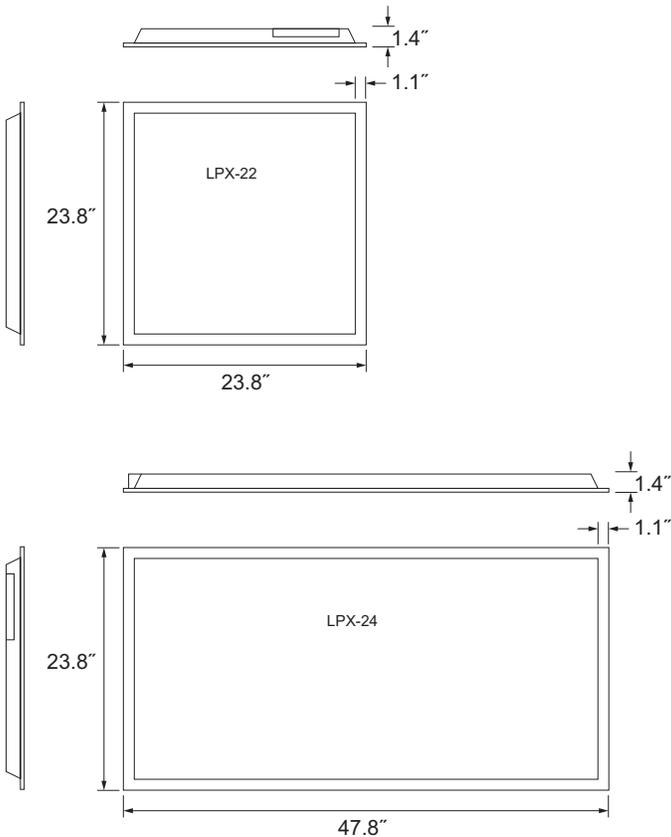
Series/Size/Wattage	CCT	Configuration	Accessories <sup>9</sup> (Field Installed)
LPX-22-40 <sup>1,4</sup> = 2' x 2', 40W (Standard only)	3K <sup>6</sup> = 3000K	Blank <sup>7</sup> = Standard	LBD-5-NC-CW-C <sup>10</sup> = 5 Watt Battery Pack for Emergency Egress
LPX-24-40 <sup>2,5</sup> = 2' x 4', 40W (Standard only)	35K = 3500K	P <sup>8</sup> = Premium	LBD-7-NC-CW-C <sup>10</sup> = 7 Watt Battery Pack for Emergency Egress
LPX-24-60 <sup>3,5</sup> = 2' x 4', 60W (Premium only)	4K = 4000K		LBD-10-NC-CW-C <sup>10</sup> = 10 Watt Battery Pack for Emergency Egress
	5K = 5000K		LBD-13-NC-CW-C <sup>10</sup> = 13 Watt Battery Pack for Emergency Egress
			LBD-17-NC-CW-C <sup>10</sup> = 17 Watt Battery Pack for Emergency Egress
			LP-EMBKT <sup>11</sup> = Mounting bracket accessory for LBD emergency driver
			LPX-CMK = Y-Cable Suspension Mount Kit
			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 use in dimming applications)

**Notes**

- <sup>1</sup> Consult factory on availability and lead time of 3K & 5K configurations
- <sup>2</sup> Consult factory on availability and lead time of 35K configuration
- <sup>3</sup> Consult factory on availability and lead time of 5K configuration
- <sup>4</sup> Panels are packaged in quantity of four (4pcs/carton)
- <sup>5</sup> Panels are packaged in quantity of two (2pcs/carton, 4pcs/master carton)
- <sup>6</sup> Not a DLC qualified model
- <sup>7</sup> Select this option for LPX-22-40 & LPX-24-40 (only option available)
- <sup>8</sup> Select this option for LPX-24-60 (only option available)
- <sup>9</sup> Order as a separate line item. Shipped in a separate box for final installation in the field
- <sup>10</sup> See back page for battery pack lumen output. Not compatible with LPX-xx-SMK kit. Consult LBD spec sheet for more details on battery pack, must be remote mounted
- <sup>11</sup> Not compatible with LPX-xx-SMK or LPXX-FMK kits. Only compatible with 2x2 and 2x4 units

For color and power selectable panels, see the [LPX-CP Series](#)

### Dimensions



### Sample Photometry

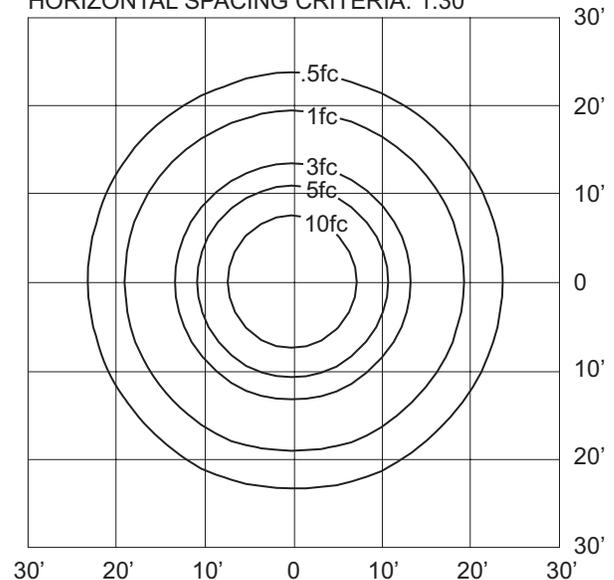
#### LPX-24-60-4K-P

IES: TYPE VS Very Short

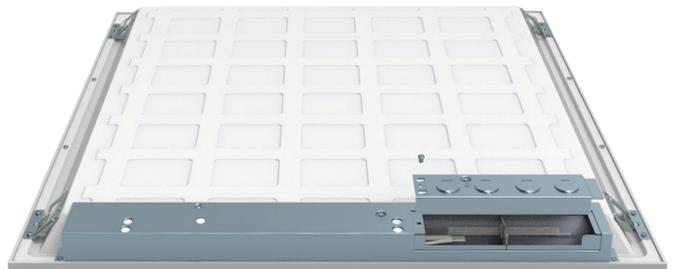
MOUNTING HEIGHT: 10'

TILT: ZERO

HORIZONTAL SPACING CRITERIA: 1.30



### Driver Box Detail

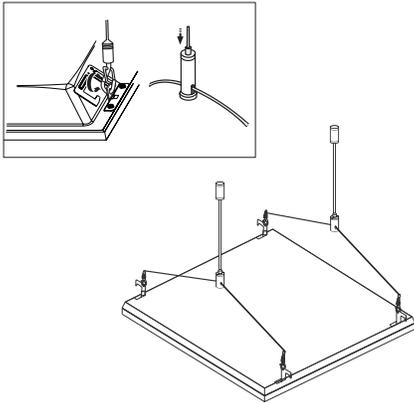


**PERFORMANCE TABLE**

Model	Wattage	CCT	Lumen Output	LPW	Power Factor	CRI	DLC
LPX-22-40-3K	38	3,000K	4,180	110	0.9	80	NOT LISTED
LPX-22-40-35K	38	3,500K	4,201	111	0.9	80	STANDARD
LPX-22-40-4K	38	4,000K	4,242	111	0.9	80	STANDARD
LPX-22-40-5K	39	5,000K	4,323	111	0.9	80	STANDARD
LPX-24-40-3K	38	3,000K	4,180	110	0.9	80	NOT LISTED
LPX-24-40-35K	38	3,500K	4,266	112	0.9	80	STANDARD
LPX-24-40-4K	39	4,000K	4,315	111	0.9	80	STANDARD
LPX-24-40-5K	39	5,000K	4,414	112	0.9	80	STANDARD
LPX-24-60-3K-P	57	3,000K	7,100	125	0.9	80	NOT LISTED
LPX-24-60-35K-P	57	3,500K	7,137	126	0.9	80	PREMIUM
LPX-24-60-4K-P	57	4,000K	7,140	126	0.9	80	PREMIUM
LPX-24-60-5K-P	57	5,000K	7,146	126	0.9	80	PREMIUM

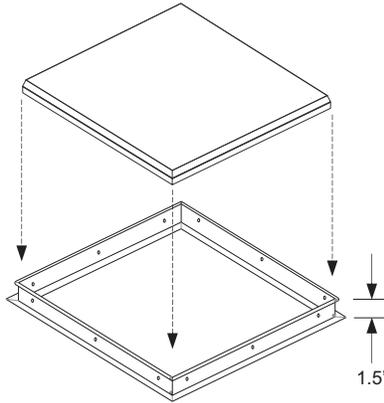
**Cable Mount Kit (LPX-CMK)**

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.

