

DESCRIPTION

Trace-Lite's LPN Series LED narrow recessed backlit panels offers impressive performance in a slim 4" wide aperture. Available in 2' and 4' lengths and in lumen packages from 1,050 to 5,000 lumens to fit most project needs. The unit provides ultimate flexibility while minimizing inventory with adjustable CCT (3000K-3500K-4000K) and wattage (10W to 40W, depending on model). This series is a cost effective way to provide an architectural element and is ideal for office spaces, schools, hospitals, and any indoor location that requires even illumination and lower maintenance. The LPN Series is intended primarily for recessed mount applications but can be surface, cable or flange mounted using available accessories. The LPN is the ideal solution for projects requiring something more architectural than your typical 2' x 2' or 2' x 4' flat panels.

SPECIFICATIONS

Construction:

- Cold rolled carbon steel enclosure in a matte white finish
- Aluminum frame with seamless corners and opal lens
- Driver/junction box sits on top of the fixture
- Recessed design fits most standard T-bar grid ceilings
- Sturdy frame prevents warping due to the slightly more elevated profile
- Backlit design offers even illumination across the entire surface of the fixture
- Switches to select CCT & wattage are located on the driver box

Optics/LEDs:

- Polycarbonate opal lens with high light transmission rate
- Color temperature switchable between 3000K, 3500K and 4000K CCT
- CRI ≥80
- Efficacy up to 125lm/w
- L70 > 100,000hrs

Electrical:

- Universal 120-277VAC, 50/60Hz
- Power Factor > 0.90
- 0-10V Dimming driver
- Power supply with high power factor of 90% typical
- 2' Configuration switchable between 10W-15W and 20W and 4' configuration switchable between 20W-30W and 40W

Testing & Compliance:

- cULus listed for Damp Locations (IC rated)
- Operating temperatures: -30°C to 40°C (22°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 grid ceilings
- Earthquake clips included
- Driver/junction box sits on top of the fixture and includes 7 knockouts for ease of installation
- Switches to select CCT & wattage are located on the driver box

Warranty:

- Five Year Warranty (Terms and Conditions Apply)

Accessories:

- Optional surface mount kit (LPN-42-SMK and LPN-44-SMK)
- Optional flange mount kit (LPN-42-FMK and LPN-44-FMK)
- Suspension Y-cable mount kit (LPN-CMK)
- End to end connection kit to join two fixtures together (LPN-ETE)

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



Specs at a Glance*		
Configuration	LPN-42-20-CP	LPN-44-40-CP
CCT (K)	3000K-3500K-4000K (Switchable)	
Wattage (W)*	10W-15W-20W (Switchable)	20W-30W-40W (Switchable)
Lumens (lm)	1,050 - 2,500	2,020 - 5,000
Efficacy (LPW)	100 - 125	
CRI	≥80	
Input Voltage	120-277VAC, 50/60Hz, 0-10V Dimmable	
Operating Temp	-30°C to 40°C (-22°F to 104°F)	
Certifications	cULus Listed for Damp Locations, IC Rated	
Warranty	5 Years	

*Nominal Wattage. Tested at 4000K CCT.

See performance table for more detailed lumen information.

Ordering Information (Example: LPN-42-20-CP)

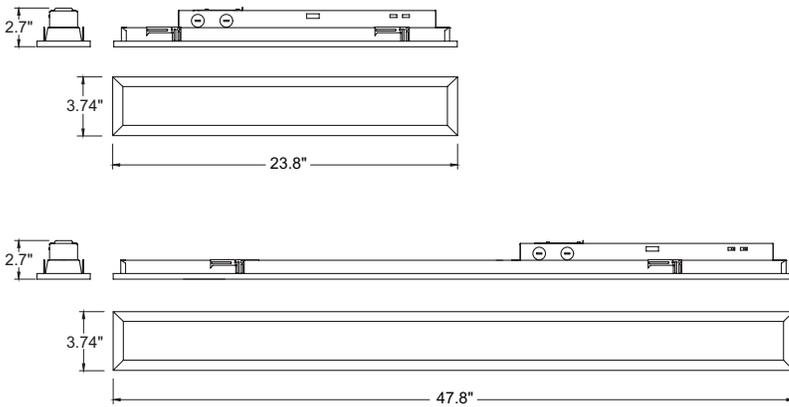
Model	Description
LPN-42-20-CP	LED Narrow Recessed Backlit Panel, 4" Aperture, 2' Long, Power Switchable 10W/15W/20W, Color Switchable 3000K/3500K/4000K CCT, White Finish
LPN-44-40-CP	LED Narrow Recessed Backlit Panel, 4" Aperture, 4' Long, Power Switchable 20W/30W/40W, Color Switchable 3000K/3500K/4000K CCT, White Finish

Accessories ¹ (Field Installed)
LPN-CMK = Y Cable Suspension Mount Kit
LPN-ETE = End to End Connector (2 Fixtures)
LPN-42-FMK = 4" X 2' Flange Mount Kit, White Finish
LPN-44-FMK = 4" X 4' Flange Mount Kit, White Finish
LPN-42-SMK = 4" X 2' Surface Mount Kit, White Finish
LPN-44-SMK = 4" X 4' Surface Mount Kit, White Finish

Notes

¹ Order as a separate line item; shipped in separate box for field installation

Dimensions



Sample Photometry

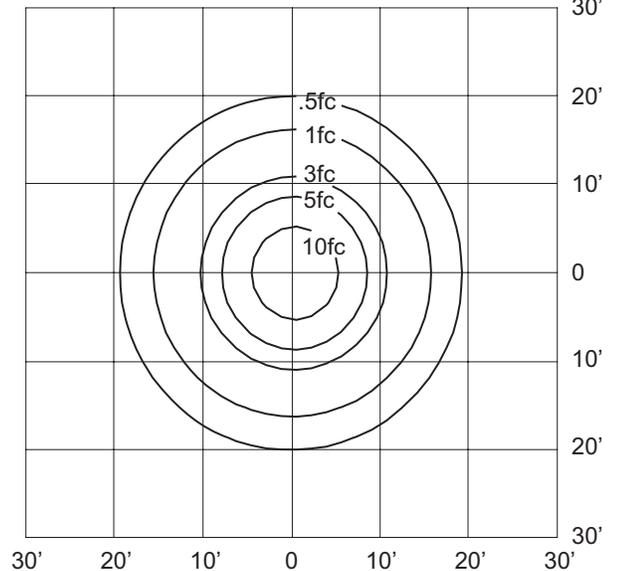
LPN-44-40-CP: 40W, 4000K CCT

IES: TYPE VS Very Short

MOUNTING HEIGHT: 10'

TILT: ZERO

HORIZONTAL SPACING CRITERIA: 1.20



Performance

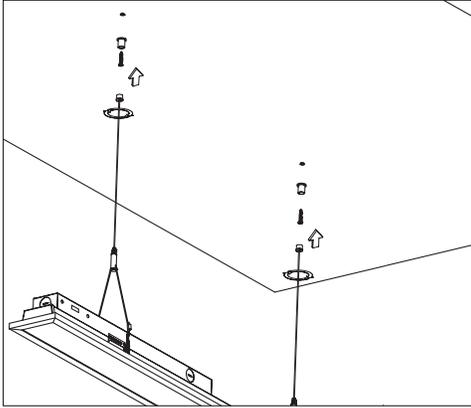
Model	Wattage	CCT	Lumens	LPW	CRI
LPN-42-20-CP (3K, 10W)	10W	3000K	1050	105	>82
LPN-42-20-CP (35K,10W)	10W	3500K	1115	115	>82
LPN-42-20-CP (4K, 10W)	10W	4000K	1250	125	>82
LPN-42-20-CP (3K, 15W)	15W	3000K	1575	105	>82
LPN-42-20-CP (35K,15W)	15W	3500K	1725	115	>82
LPN-42-20-CP (4K, 15W)	15W	4000K	1875	125	>82
LPN-42-20-CP (3K, 20W)	20W	3000K	2100	105	>82
LPN-42-20-CP (35K, 20W)	20W	3500K	2400	115	>82
LPN-42-20-CP (4K, 20W)	20W	4000K	2500	125	>82

Model	Wattage	CCT	Lumens	LPW	CRI
LPN-44-40-CP (3K, 20W)	20W	3000K	2100	105	>82
LPN-44-40-CP (35K,20W)	20W	3500K	2400	115	>82
LPN-44-40-CP (4K, 20W)	20W	4000K	2500	125	>82
LPN-44-40-CP (3K, 30W)	30W	3000K	3150	105	>82
LPN-44-40-CP (35K,30W)	30W	3500K	3450	115	>82
LPN-44-40-CP (4K, 30W)	30W	4000K	3750	125	>82
LPN-44-40-CP (3K, 40W)	40W	3000K	4200	105	>82
LPN-44-40-CP (35K,40W)	40W	3500K	4600	115	>82
LPN-44-40-CP (4K, 40W)	40W	4000K	5000	125	>82

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

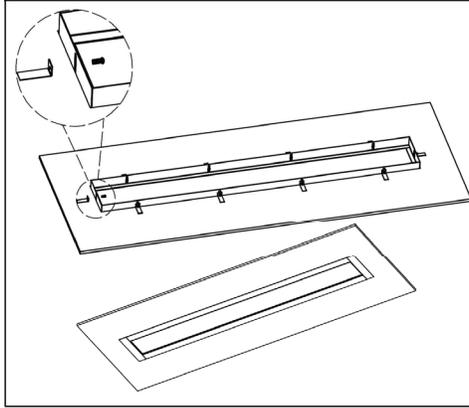
Y-Cable Mount Kit (LPN-CMK)

Optional Y cable mounting kit (LPN-CMK) allows for suspended installations from any ceiling type. (2 pcs/kit)



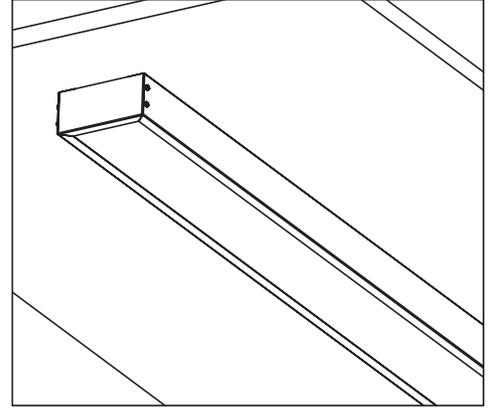
Flange Mount Kit (LPN-XX-FMK)

Optional flange kit (LPN-42-FMK, LPN-44-FMK) mounts above drywall ceiling, allows fixture panel to be mounted flush to ceiling.



Surface Mount Kit (LPN-XX-SMK)

Optional surface mount kit (LPN-42-SMK, LPN-44-SMK) allows for installation on plaster or other hard ceilings.



End to End Connector (LPN-ETE)

Optional end to end connector (LPN-CMK) allows for connection of two fixtures.

