TRACE★LITE
BARRON
commercial & industrial lighting

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

AVAILABLE WHILE SUPPLIES LAST

Color and Power
SWITCHABLE

3500K   4000K   5000K

DESCRIPTION

Trace-Lite's LPA-CP Series of adjustable backlit LED panels offers incredible performance in an energy-efficient, slim profile steel enclosure available in 1' x 4', 2' x 2' and 2' x 4' configurations. The unit provides ultimate flexibility while minimizing inventory by simply adjusting both CCT and wattage. The CCT can easily be switched between 3500K, 4000K and 5000K. The wattage can be adjusted between 20W-25W-30W for the 1' x 4' and 2'x2' configuration and 30W-35W-40W for the 2'x4' configuration. This series is the ideal for office spaces, schools, hospitals and any indoor location that requires even illumination and lower maintenance. The LPA-CP Series is compatible with most standard T-bar grid ceilings and includes 1-10V dimming standard. Trace-Lite LED panels offer soft and uniform light with PMMA optical lensing that will not yellow over time. All panels are packaged in a quantity of four.

SPECIFICATIONS

Construction:
• Precision die-formed steel back enclosure in a white finish
• Aluminum frame with seamless corners
• Recessed design fits most standard T-bar grid ceilings
• 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
• Wattage and CCT switches located outside driver junction box
• Enlarged driver box to facilitate installation with Wago connectors included

Optics/LEDs:
• UV-stabilized PMMA optical lenses over the LEDs that will not yellow over time
• Soft and uniform light distribution, 120° beam
• Efficacies up to 156 LPW to maximize energy savings and utility rebates
• Switchable from 3500K, 4000K and 5000K CCT. Switch located outside driver box behind the unit
• CRI ≥80
• L70 > 100,000 hours

Electrical:
• 120-277VAC, 50/60Hz
• 1-10V Dimming driver
• Power switchable, 1' x 4' and 2'x2' configuration between 20W, 25W and 30W, 2'x4' configuration between 30W, 35W and 40W. Switch located outside driver box behind the unit
• Power supply with high power factor of 90% typical

Testing & Compliance:
• cETL Listed, rated for insulated ceilings (IC Rated)
• Meets IP20 rating, Damp Location
• Operating temperatures: -10°C to 40°C (14°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
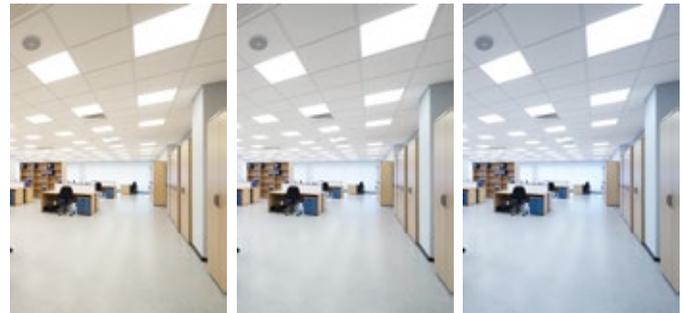
Warranty:
• Five Year Warranty (Terms and Conditions Apply)

Accessories:
• Optional surface mount kit (LPA14-SMK, LPA22-SMK and LPA24-SMK)
• Optional flange mount kit (LP14-FMK, LP22-FMK and LP24-FMK)
• Cable suspension mount kit (LPA-CMK)

ETL Intertek   DAMP   5 YEAR WARRANTY

Specs at a Glance								*Nominal Wattage (Switchable)*	
Configuration	LPA14-CP (1' x 4')			LPA22-CP (2' x 2')			LPA24-CP (2' x 4')		
CCT (K)	3500K-4000K-5000K (Switchable)								
Wattage (W)*	20W	25W	30W	20W	25W	30W	30W	35W	40W
Lumens (lm)	2624-2819	3127-3425	3653-3993	2624-2819	3127-3425	3653-3993	4155-4352	4760-4981	5242-5476
Efficacy (LPW)	140-148	126-138	124-140	140-148	126-138	124-140	141-149	135-156	131-143
CRI	≥80								
Input Voltage	120-277VAC, 50/60Hz, 1-10V Dimmable								
Operating Temp	-10°C to 40°C (14°F to 104°F)								
Certifications	cETL Listed, IC Rated, IP20 Damp Location								
Warranty	5 Years								
Weight	5.7 lbs			5.7 lbs			10.9 lbs		

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

10800387 Rev 10

BARRON lighting group

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Ordering Information (Example: LPA22-CP)

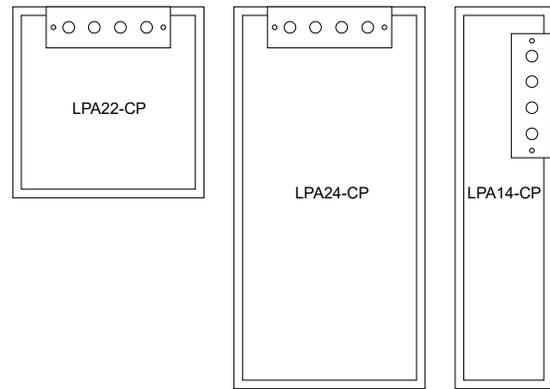| Model	Description
LPA14-CP[1]	LED flat panel, 1' x 4' Backlit, Power switchable 20W/25W/30W, Color switchable 3500K/4000K/5000K CCT, 120-277VAC
LPA22-CP[1]	LED flat panel, 2' x 2' Backlit, Power switchable 20W/25W/30W, Color switchable 3500K/4000K/5000K CCT, 120-277VAC
LPA24-CP[1]	LED flat panel, 2' x 4' Backlit, Power switchable 30W/35W/40W, Color switchable 3500K/4000K/5000K CCT, 120-277VAC

	Accessories[2] (Field Installed)
	LPA-CMK = Cable Suspension Mount Kit
	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] All panels are packaged in quantity of four (4pcs/carton)	LPA14-SMK[3] = 1' x 4' Surface Mount Kit
[2] Order as a separate line item. Shipped in a separate box for final installation in the field	LPA22-SMK[3] = 2' x 2' Surface Mount Kit
[3] Not recommended for textured ceilings	LPA24-SMK[3] = 2' x 4' Surface Mount Kit

Backlit Panel Detail

Die-formed aluminum frame
PS Diffuser
PMMA Optical lenses over LEDs
Die-formed steel enclosure
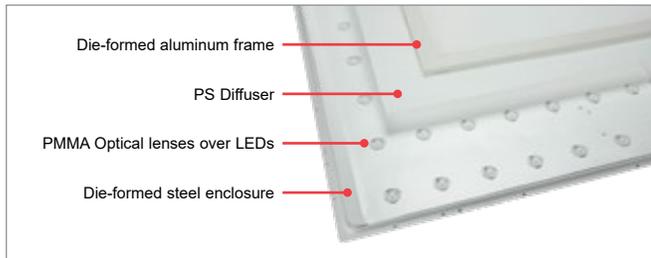
Backlit design for even illumination

Panel Back View - Driver Location

LPA22-CP

LPA24-CP

LPA14-CP

Dimensions

Driver
2.2″   1.4″
1.1″
23.8″   LPA22-CP
23.8″

Driver
2.2″   1.4″
1.1″
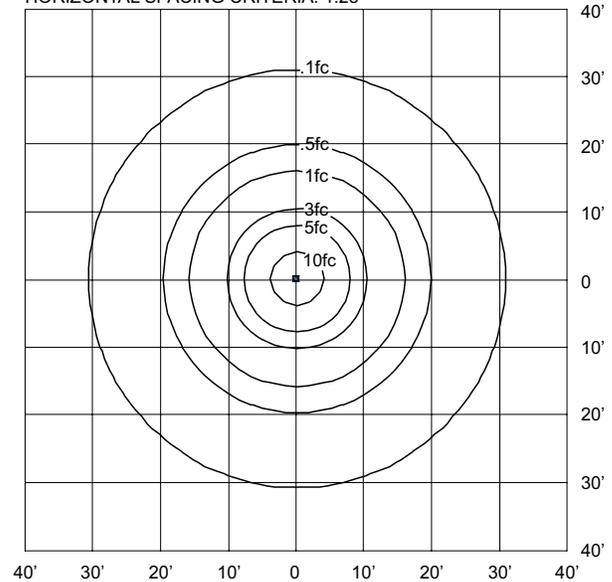23.8″   LPA24-CP
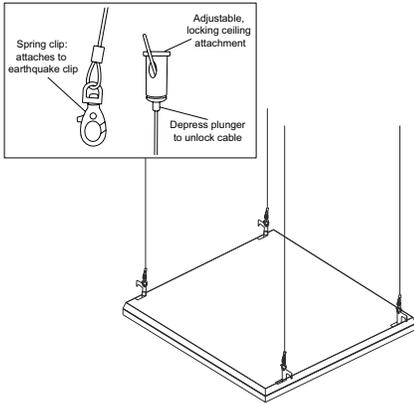47.8″

Driver
2.2″   1.4″
1.1″
11.8″   LPA14-CP
47.8″
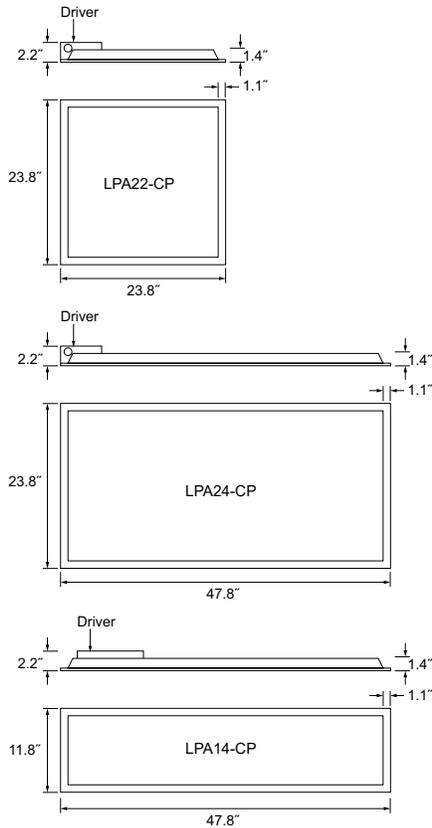
Sample Photometry

LPA22-CP: 30W, 4000K CCT
IES: TYPE VS Very Short
MOUNTING HEIGHT: **10'**
TILT: ZERO
HORIZONTAL SPACING CRITERIA: 1.28

.1fc
.5fc
1fc
3fc
5fc
10fc

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Cable Mount Kit (LPA-CMK)

Optional cable mounting kit (LPA-CMK) allows for suspended installations from any ceiling type. (6 pcs/kit, 3.2' length)

Spring clip: attaches to earthquake clip

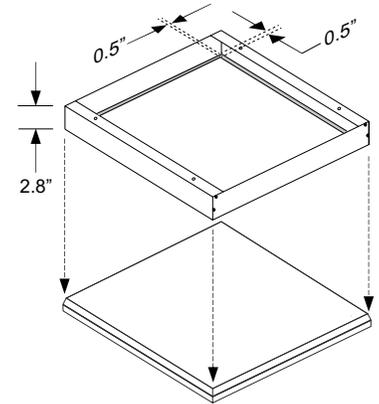Adjustable, locking ceiling attachment

Depress plunger to unlock cable

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"
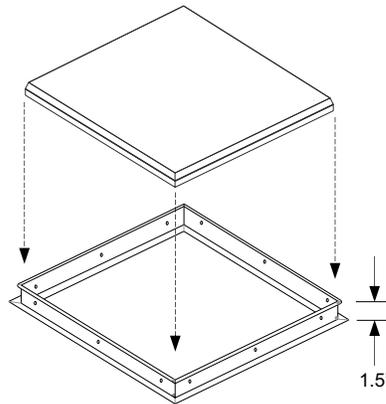
Surface Mount Kit (LPAXX-SMK)

Optional surface mount kit (LPA14-SMK, LPA22-SMK, LPA24-SMK) allows for installation on plaster or other hard ceilings.

0.5"   0.5"

2.8"

Driver Detail

Switch Location Detail for CCT and Wattage

30 W 35 W 40 W   3000K 4000K 5000K

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