

Commercial & Industrial Lighting



The
FPNBTM
Series

Field-adjustable LED Panel





The **FPNB**[™] series

- Maintenance-free LED luminaires, ideal for use in health-care facilities, offices and classrooms
- Field-adjustable CCT & output power
- Emergency backup models
- Four mounting options: T-grid recessed, drywall surface and recessed, or cable suspension mount.
- Complies with UL 1598, and CSA standards
- 75,000-Hour LED lifespan
- 5-Year warranty

Field-adjustable CCT & Output Power



Tool-less configuration switch

Select the desired output power or light color temperature by sliding the respective Output Power or CCT Selection Switch left or right to the desired value. CCT can be adjusted to 3500/4000/5000K, and Output Power can be adjusted to:

- 25w / 30w / 36w for 2x2 and 1x4 models
- 30w / 40w / 50w for 2x4 models

Emergency Backup Models



No fancy wiring, works out of the box

No more fancy wirings for the emergency backup drivers, FPNB emergency backup models works out of the box to save time and cost in the installation. When there is a power outage, the emergency backup driver and battery will power the FPNB to an reduced brightness for at least 90 mins. Optional wireless testing button remote available.

ETL Listed

Suitable for dry and damp locations.

Complies with the following standards:

- Standard for Luminaires, UL 1598



Complies with the following standards:

- CSA C22.2 No. 250.0 - CSA Standard for Safety for Luminaires

DLC Listed

The DesignLights Consortium® (DLC) is a non-profit organization promotes high-quality, energy-efficient lighting products in collaboration with utilities and energy efficiency program members, manufacturers, lighting designers. DLC Listed high performing LED lighting products may qualify for rebates.



Visit paclights.com to verify DLC listed models and local rebate availability

LEDs

Multi-chip, high-output, long-life LEDs

Lifespan

75,000-hour LED Lifespan based on IES LM-80 results and TM-21 calculations.

Maximum Ambient Temperature

40°C (104°F)

Housing & Lens

Lightweight aluminum housing, Frosted polystyrene lens

Mounting

Recessed into T-grid ceiling. Surface and recessed mounting kits for drywall ceilings, or cable suspension mount

IC Rated

Suitable for direct contact with insulation

Finish

Formulated for high durability and long-lasting color.

Color Uniformity & Stability

PaClights's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011. LED color temperature warranted not to shift more than 200K in CCT in 5 years

Green Technology

Mercury and UV free, and RoHS compliant components. .

IESNA LM-79 & LM-80 Testing

PaClights LED luminaires have been tested by laboratory in accordance with IESNA LM-79 and LM-80.

Drivers

Constant Current, Class 2, 120-277v, 50/60Hz, THD <15%, PF >90%.

0-10v dimmable LED drivers provides smooth and continuous dimming.

Input current: 2x2 and 1x4 models, max 340mA; 2x4 models, max 470mA

Specifications



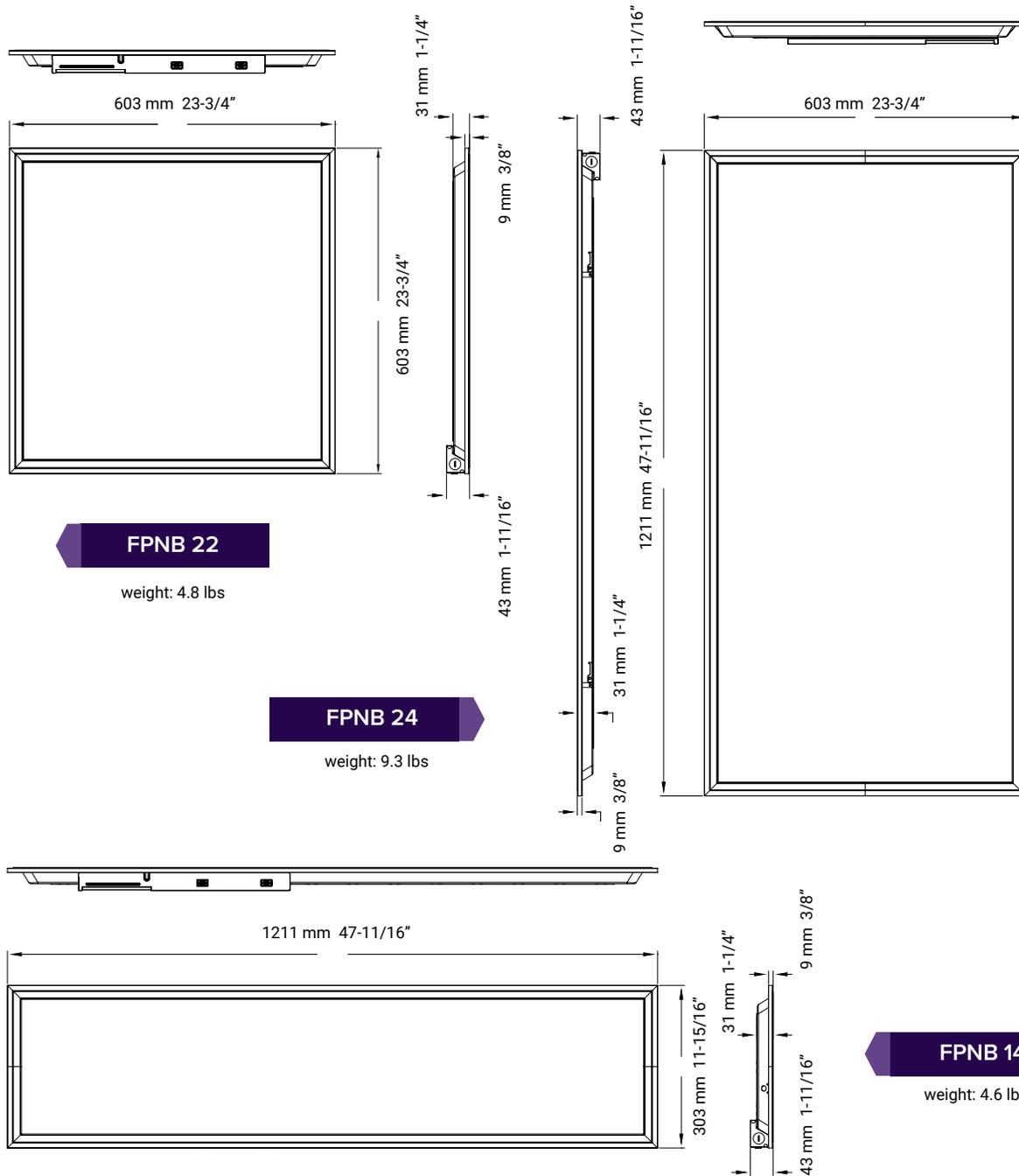
Performance

1X4	25W			30W			36W		
	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
Lumens	3233	3256	3276	3779	3746	3827	4331	4393	4441
Efficacy (lm/w)	128	129	129	124	126	126	121	123	124
Color Accuracy (CRI)	80	82	82	80	82	82	80	82	82

2X2	25W			30W			36W		
	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
Lumens	3412	3620	3590	4048	4252	4253	4681	4843	4939
Efficacy (lm/w)	136	143	143	132	138	139	128	134	135
Color Accuracy (CRI)	80	82	82	80	82	82	80	82	82

2X4	30W			40W			50W		
	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
Lumens	4266	4405	4436	5386	5587	5601	6396	6622	6637
Efficacy (lm/w)	139	144	144	134	139	139	129	133	134
Color Accuracy (CRI)	80	82	82	80	82	82	80	82	82

Dimensions



FPNB 22

weight: 4.8 lbs

FPNB 24

weight: 9.3 lbs

FPNB 14

weight: 4.6 lbs

Ordering Matrix

Family	Model	Optional Function	Optional Addons
FPNB			
14 D 30	1'x4', Field-adjustable 25/30/36w, 3500/4000/5000K	[blank] none	[blank] none
22 D 36	2'x2', Field-adjustable 25/30/36w, 3500/4000/5000K	EM Emergency Backup	SM Surface mount kit
24 D 50	2'x4', Field-adjustable 30/40/50w, 3500/4000/5000K		DG Recessed drywall kit
			CK Cable mount kit
			EMTR Wireless test button for emergency backup



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