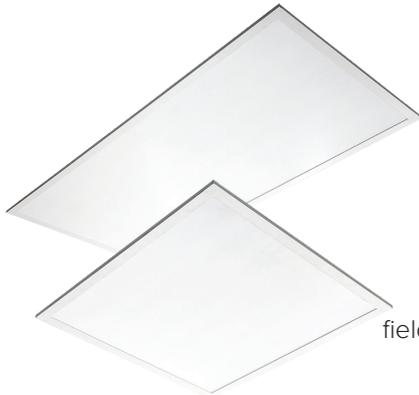


The
FPNBTM
Series

Field-adjustable lumen & color
LED Flat Panel Light





field-adjustable lumen & color
LED Flat Panel



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

- 100,000-Hour LED lifespan
- Field-adjustable CCT & Wattage standard on all models
- Optional surface or recessed mount kits available
- No yellowing PMMA premium light guide plate
- Battery backup option available

TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed

UL 1598 Suitable for damp locations, Type IC

IESNA LM79 & LM-80 Testing

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

DLC Qualification

Selected models of this product are on the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products, please consult the DLC Qualified Products List at www.design-lights.org/qpl

LED CHARACTERISTICS

LEDS

Long-life, high-eccacy, surface-mount LEDs

Lifespan

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Color Rendering Index

>80

Color Uniformity

PacLights' range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017

ELECTRICAL

Drivers

0-10V continuous dimming, can be dim to 10%

Input Voltage: 120-277V, 50-60 Hz

Power Factor : > 0.9

Input Current: FPNB/2-22D: 0.28A (120v); 0.17A (208v); 0.14A (240v); 0.13A (277v).

FPNB/2-24D: 0.38A (120v); 0.22A (208v); 0.19A (240v); 0.17A (277v).

CONSTRUCTION

Ambient Temperature

Suitable for 50° C (122° F) ambient temperature

Cold Weather Starting

The minimum starting temperature is -4 F°/-20° C

Housing

Lightweight aluminum housing, steel pan and junction box

IC Rated

Suitable for direct contact with insulation

Mounting Methods

- T-grid lay-in (standard)
- Surface mount (optional)
- Drywall recessed flange (optional)

Green Technology

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Lens

Premium no yellowing PMMA light guide plate

OTHER

5-Year Limited Warranty**

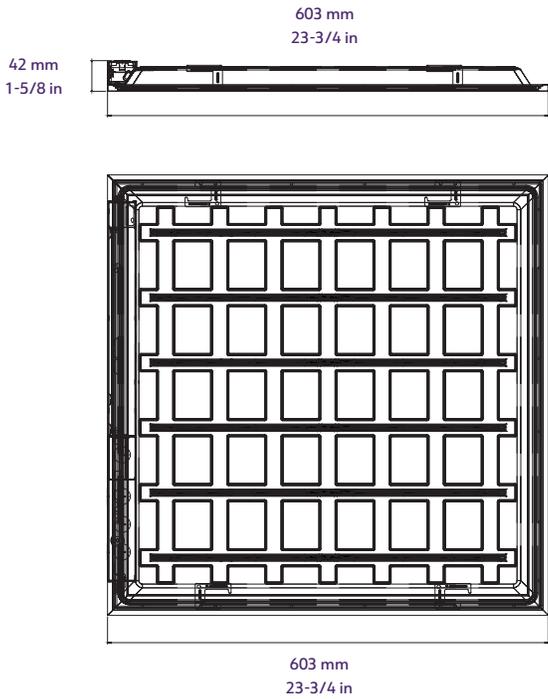
The PacLights 5-year, limited warranty covers light output, driver performance and paint finish.

**PacLights's warranty is subject to all terms and conditions found at paclights.com/warranty

TECHNICAL SPECIFICATIONS Continued

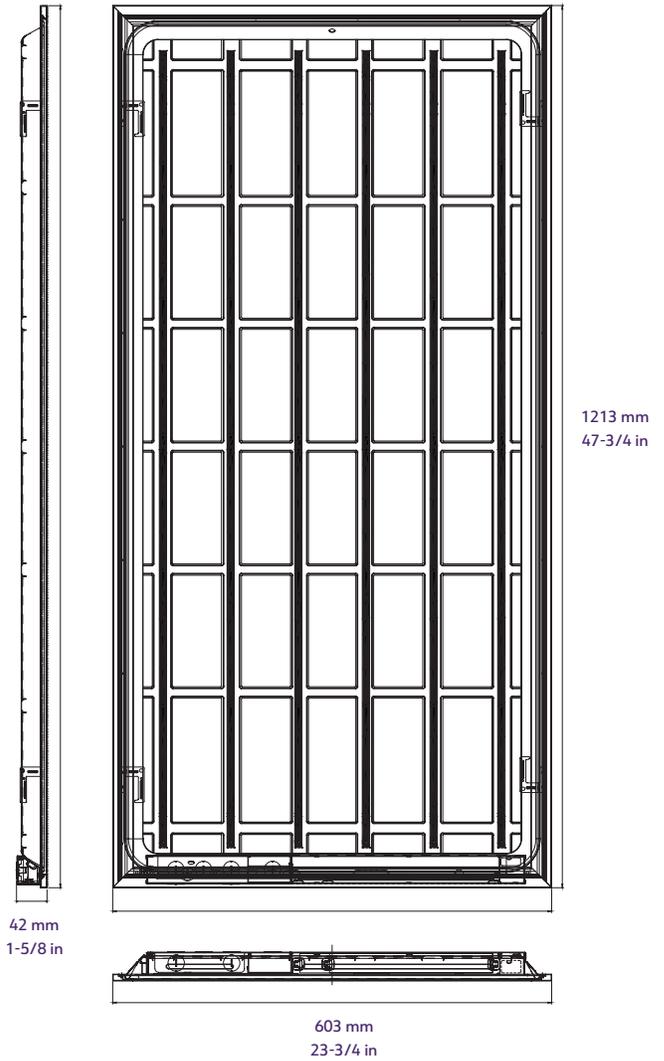
FPNB/2 - 22D (2x2 Ft)

Weight 5.8 lbs



FPNB/2 - 24D (2x4 Ft)

Weight 9.2 lbs



FINISHES	
all models	White

FIELD ADJUSTABLE Standard

EMERGENCY BACKUP Optional

TOOL-LESS FIELD ADJUSTABLE CCT & WATTAGE



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:

- 30w / 25w / 20w on 2x2 models
- 40w / 35w / 30w on 2x4 models

EMERGENCY BACKUP (-EM)



FPNB series 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 of 1,000 lumen for at least 90 mins.

PERFORMANCE

FPNB/2 - 22D (2x2 Ft)

Light color temperature field-adjustable to 3500K/4000K/5000K, Output wattage field-adjustable to 30w/25w/20w

30W	3500K Warm	4000K Neutral	5000K Daylight
LUMENS	3,750	3,780	3,810
LM/W	125	126	127

25W	3500K Warm	4000K Neutral	5000K Daylight
LUMENS	3,200	3,225	3,250
LM/W	128	129	130

20W	3500K Warm	4000K Neutral	5000K Daylight
LUMENS	2,620	2,640	2,660
LM/W	131	132	133

FPNB/2 - 24D (2x4 Ft)

Light color temperature field-adjustable to 3500K/4000K/5000K, Output wattage field-adjustable to 40w/35w/30w

40W	3500K Warm	4000K Neutral	5000K Daylight
LUMENS	5,000	5,040	5,080
LM/W	125	126	127

35W	3500K Warm	4000K Neutral	5000K Daylight
LUMENS	4,480	4,515	4,550
LM/W	128	129	130

30W	3500K Warm	4000K Neutral	5000K Daylight
LUMENS	3,930	3,960	3,990
LM/W	131	132	133

ORDERING INFORMATION

FPNB™ generation 2

Family	Model	Optional Function	Optional Addons
FPNB/2	<input type="text"/>	<input type="text"/>	<input type="text"/>
	22D 2ft x 2ft, 30w/25w/20w power & 3500k/4000k/5000k CCT Adjustable 24D 2ft x 4ft, 40w/35w/30w power & 3500k/4000k/5000k CCT Adjustable	EM Emergency battery backup	SM Surface mount DG Drywall flange