



OVERVIEW

The FPAN series is a Premium Dimmable Flicker-Free LED panel light designed to be used in various indoor applications. This panel provides a single pleasant volumetric soft light that fills any interior space, giving it a larger, brighter, and more productive ambiance. Premium PMMA light guide plate ensure the panel won't yellow over time.

APPLICATIONS

FPAN is designed for indoor applications, typically installed in offices, lobbies, or their indoor environment with low ceilings.

- Flicker-Free
- Long Lasting PMMA LGP
- Limited Warranty: 7 Years
- Efficacy: up to 129 LPW
- Lumen Output: 3584 to 5934 LM
- Wattage: 28 - 46 W



Project:

Type:

Prepared By:

Date:

Models

Model	Watts	Color Temperature	Lumen(LM)	Efficacy(LM/W)
FPAN22D28	28 W	5000 K	3,612	129
FPAN24D46	46 W	5000 K	5,934	129
FPAN14D28	28 W	5000 K	3,584	128

*Lumen Output based on universal voltage models at 5000K.
Also available in Color Temperature of 3500 K and 4000 K

Technical Specifications

Warranty

Paclights warrants these LED products will be free from defects in materials and workmanship for a period of seven (7) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. Please refer to our full warranty.

Qualifications

UL Listing

UL File# E495785. Suitable for wet locations

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.designlights.org/qpl

Construction

IP Rating:

Suitable for Damp Location

Ambient Temperature:

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

Cold Weather Starting:

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

Housing:

Durable cold rolled steel housing provides strength and uniformity. Luminaire is pre-painted to enhanced smooth finish and frosted Lens.

Mounting Methods:

Recessed lighting fixture

Green Technology:

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

LGP (Light Guide Plate):

Premium PMMA LGP

Electrical

Driver:

Premium Flicker-Free Driver

0-10v Dimmable

Input Voltage: AC100-277V, 50-60 Hz

Power Factor : >0.95

Operating Temperature: -4° F (-20° C)

to 122° F (50° C)

Wattage: 28 W, 46 W

LED Characteristics

Lifespan:

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

Color Temperature:

3500K, 4000K, 5000K

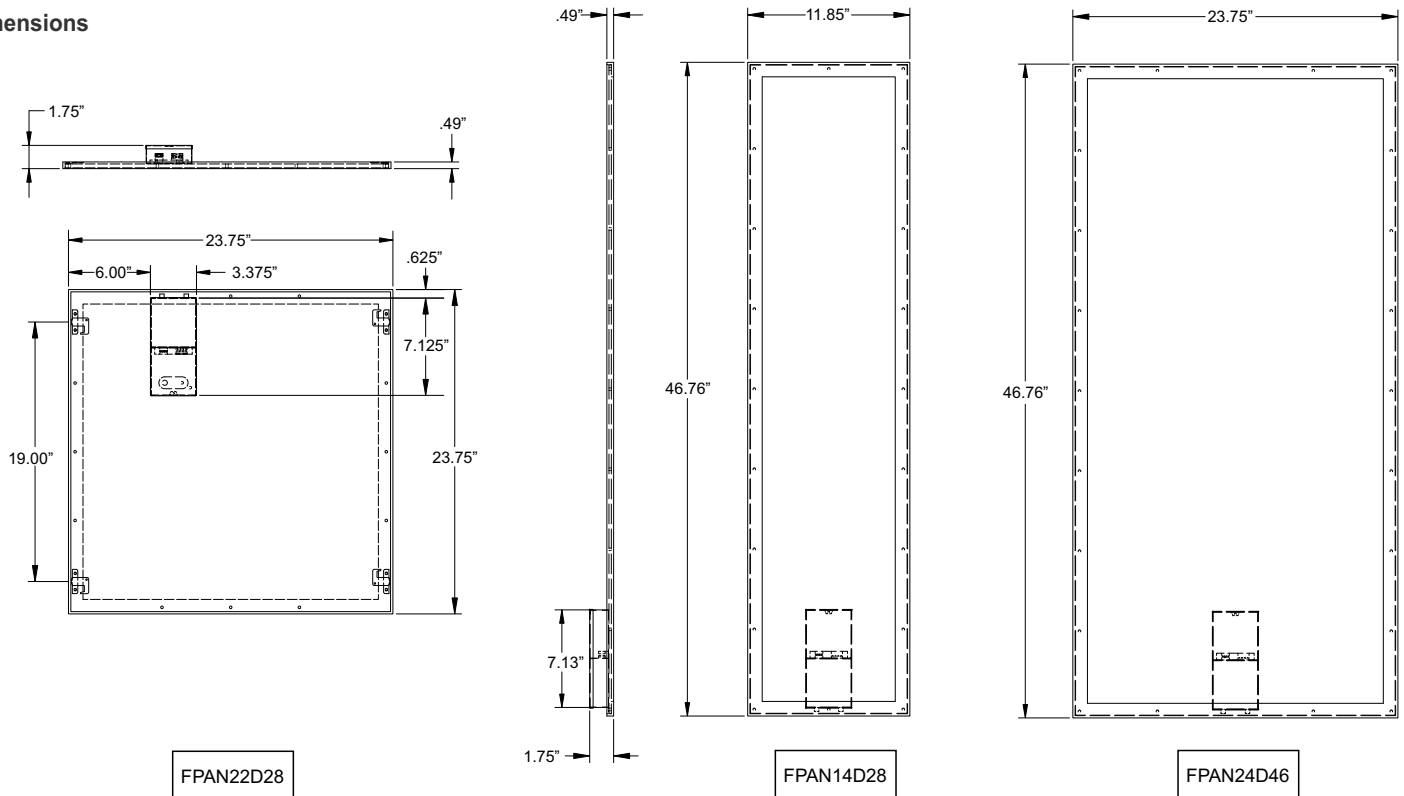
Color Rendering Index:

Ra > 80

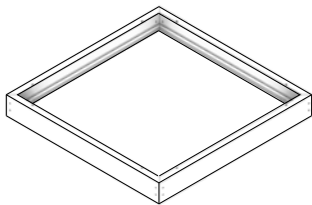
Ordering Matrix

Model	Size	Wattage	Color Temperature	Optional Add-ons
FPAN	22D	28	5000	SM
	22D = 2' X 2'	28 = 28 W	3500 = 3500 K	[blank] = None
	24D = 2' X 4'	46 = 46 W	4000 = 4000 K	SM = Surface Mount Kit
	14D = 1' X 4'		5000 = 5000 K	DG = Drywall Grid Adaptor
				EMA8/16/25 = 8/16/25w Emergency Kit
				TGH = EMA T-Grid Hanger

Dimensions



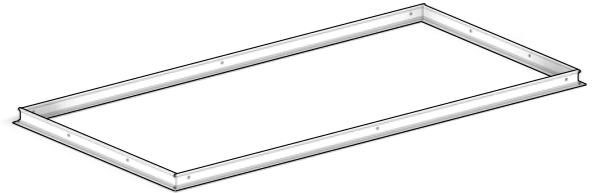
AC-PAN-SM 14/ 22/ 24 Surface Mount Kit (optional)



The AC-PAN-SM14/22/24 Surface Mount Kit is designed to give the FPAN the ability to be installed onto a surface instead of a designed ceiling grid. The FPAN and the Surface Mount Kit are both installed underneath the ceiling.

SKU	Description
AC-PAN-SM14	Surface Mount Kit for FPAN14D28
AC-PAN-SM22	Surface Mount Kit for FPAN22D28
AC-PAN-SM24	Surface Mount Kit for FPAN24D46

AC-PAN-DG 14/ 22/ 24 Drywall Grid Adapter Kit (optional)



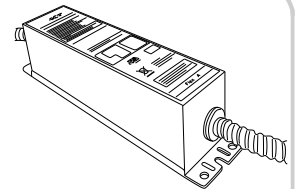
The AC-PAN-DG14/22/24 Drywall Grid Adapter Kit is designed to install the FPAN recessed to the ceiling to appear as if it was installed onto a grid system. This adapter Kit must be installed by notching the drywall ceiling and hanging the Adapter Kit from the ceiling beams or another stable surface.

SKU	Description
AC-PAN-DG14	Drywall Grid Adapter Kit for FPAN14D28
AC-PAN-DG22	Drywall Grid Adapter Kit for FPAN22D28
AC-PAN-DG24	Drywall Grid Adapter Kit for FPAN24D46

EMA-8/16/25 LED Emergency Backup Kit (optional)

The emergency backup kit is highly recommended when dealing with dependable lights during a power outage. When there is a power outage, this emergency LED kit kicks in and powers up the lights to an approximate 25-75% of the fixture's brightness for at least 90 mins. This driver has a recharge time of 48 hours after its been used or installed.

SKU	Lumen Output	Capacity	Wattage	Battery Voltage
EMA-8	800 LM	1500 mAH	8 W	9.6 V
EMA-16	1500 LM	3000 mAH	16 W	9.6 V
EMA-25	2100 LM	6000 mAH	25W	9.6 V



EMA-TGH T-Grid Hanger Kit for EMA-8/16/25 (optional)

T-Grid Box hanger is designed to install and support LED Emergency Drivers in the grid ceiling.