

## FPDL24

2X4 Direct-lit Flat LED Panel

Catalog #

Note

Type

### Product Description

The FPDL24 direct-lit flat LED panel is the ideal energy efficient replacement for fluorescent fixtures in commercial and industrial applications like offices, schools and hospitals. The FPDL24 flat LED panel delivers 6300 lumens at 4200K. The panel accepts 100-277VAC, consumes 70 watts and produces luminous intensity equivalent to 3x F32T8 fluorescent troffer fixture. The FPDL24 LED panel is 0-10V dimming, and also available in emergency battery pack option.

### Performance Summary

120-277VAC Input Voltage

70W Input Power, 3x F32T8 Fluorescent Troffer Equivalent

90 LPW Efficacy

6300 Lumens Lighting Output

4200K Color Temperature (3500K/5000K per special order)

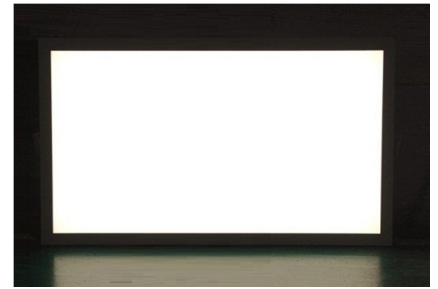
50,000 Hours Lifetime

5 Years Warranty

0-10V Dimming

Emergency Battery Pack Optional

Recessed or Suspended Installation



### Ordering Information

Example: FPDL2470HU42K63L10D

MODEL	SIZE	WATTAGE	VOLTAGE	COLOR TEMP	LUMEN OUTPUT	LIGHTING CONTROL	OPTIONS
FPDL Direct-lit LED Panel	24 2X4 ft	70 70W	HU 120-277VAC	35K 3500K 42K 4200K 50K 5000K	63L 6300LM	10D 0-10V Dimming	B10 10W Battery Pack

#### Notes:

Lead times will vary depending on options selected. Consult with your sales representative.  
Specifications tolerance:  $\pm 5\%$ .

web: [www.pozeen.com](http://www.pozeen.com) | e-mail: [sales@pozeen.com](mailto:sales@pozeen.com) | phone: (+86) 21-50201276

1588 Lianhang Road, Pudong District, Shanghai 200123, China

# Pozeen

## FPDL24

2X4 Direct-lit Flat LED Panel

Catalog #

Note

Type

### Features & Specifications

#### CONSTRUCTION & MATERIALS

- Fixture assembly constructed of die-formed cold-rolled steel housing and ends
- Fixture assembly well finished with powder-coat technology

#### MOUNTING AND WIRING

- The LED panel works with most drop-in ceiling types. Integral seismic brackets secure luminaire to ceiling grid from above
- The LED panel offers tie-in locations for tie-wire on all corners. Consult local code for appropriate tie-wire recommendations

#### ENVIRONMENTAL SYSTEM

- Rated for dry and damp locations

#### OPTICAL SYSTEM

- High efficient lighting extraction diffuser, frosted, UV-stabilized and impact-resistant
- High efficient reflective sheets utilized inside the fixture
- Reflectors finished in high reflectance matte white powder coat paint
- High performance SMD LEDs
- Color temperature: 4200K. Other color temperature available for special order, consult factory for lead time

#### ELECTRICAL SYSTEM

- High performance LED driver equipped in junction box
- Universal input voltage 120-277VAC, 50/60Hz

PHYSICAL SPECIFICATION	
Dimension	23.74X47.74X2.95 inch
Housing	Cold-rolled steel
Lens Type	Frosted acrylic diffuser
Finish	White
Mounting	Drop in or suspended
ENVIRONMENTAL SPECIFICATION	
Temp Range	-30~130 °F operating -40~140 °F storage
ELECTRICAL SPECIFICATION	
Input Voltage	120-277 VAC, 50/60 Hz
Input Power	70 W
Power Factor	0.92
Total Harmonic Distortion	15%
OPTICAL SPECIFICATION	
Luminous Flux	6300 lm
Efficacy	90 lm/W
CCT	4200K 3500K/5000K per special order
CRI	83
LIGHTING CONTROL	
Dimming Capacity	0-10V dimming, 10-100%
LONGEVITY AND WARRANTY	
L70 Life	94,000 hrs
Warranty	5 years
LISTING AND CERTIFICATES	
Design Lights Consortium (DLC)	
Lighting Design Lab (LDL)	
Lighting Facts	
ETL and cETL	
CE and RoHS	

\*Patents Pending