

FPDL14

1X4 Direct-lit Flat LED Panel

Catalog #

Note

Type

Product Description

The FPDL14 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 FPDL14 flat LED panel delivers 3300 lumens at 4200K. The canopy accepts 120-277VAC, consumes 34 watts and produces luminous intensity equivalent to 2x F32T8 fluorescent troffer fixture. The FPDL14 LED panel is 0-10V dimming, and also available in emergency battery pack option.



Performance Summary

120-277VAC Input Voltage

34W Input Power, 2x F32T8 Fluorescent Troffer Equivalent

97 LPW Efficacy

3300 Lumens Lighting Output

4200K Color Temperature, 3500K, 5000K Optional

50,000 Hours Lifetime

5 Years Warranty

0-10V Dimming

Emergency Battery Pack Optional

Recessed or Suspended Installation

Ordering Information

Example: FPDL1435HU42K33L10D

MODEL	SIZE	WATTAGE	VOLTAGE	COLOR TEMP	LUMEN OUTPUT	LIGHTING CONTROL	OPTIONS
FPDL Direct-lit LED Panel	14 1X4 ft	35 34W	HU 120-277VAC	35K 3500K 42K 4200K 50K 5000K	33L 3300LM	10D 0-10V Dimming	B10 10W Battery Pack

Notes:

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

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Pozeen

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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

ELECTRICAL SYSTEM

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

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, 3500K, 5000K and other color temperature available for special order, consult factory for lead time

LIGHTING CONTROL

- Driver can be wired as dimming or non-dimming. Dimming is compatible with 0-10v controls with a range of 10-100%.

PHYSICAL SPECIFICATION	
Dimension	11.74X47.74X2.95 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	34 W
Power Factor	0.92
Total Harmonic Distortion	15%
OPTICAL SPECIFICATION	
Luminous Flux	3300 lm
Efficacy	97 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