MOBERN LIGHTING

APPLICATIONS

The Mobern MFPEL Edge Lit LED Flat Panel is a cleanly designed, high brightness lighting panel, made with high performance LED chips. This panel is ideal for replacing traditional recessed fluorescent fixtures and is simple to fit and install. The MFPEL Edge Lit LED Flat Panel is a perfect choice for many applications including commercial, industrial, healthcare, hospitality and many more.

FEATURES & BENEFITS

♦ Ultra thin LED panel light made from high-grade aluminum
♦ Environmentally friendly-mercury free
♦ Rated at 50,000 hrs of L70 LED life
♦ CRI >80
♦ 0-10 Volt dimmable 120-277V
♦ High efficacy and UV and IR Free
♦ RoHS Compliant
♦ 5 Year Warranty
♦ PF >99
♦ cULus Listed for damp locations
♦ DLC listed for certain models

SPECIFICATIONS

Housing is white aluminum that is sealed and Non-IC type fixture. Lens is evenly diffused frosted material. The driver is a Class 2 compliant design, featuring low voltage, limited power and is capable of 0-10V dimming as standard. Fixture is 80CRI minimum, multiple color temperatures, sizes and wattages are available. 5 year limited system warranty. Listed by and bears cULus label.

ORDERING DATA

EXAMPLE: MFPEL22-LED35DMVWH40

MFPEL

Series	Type	Gear	Wattage/Lumens		Frame Color	Color Temp	Generation
MFPEL	**14** 1 x 4	**LED**	**1x4 only**		**WH** White	**30** 3000K	Blank
LED Slim	**22** 2 x 2		**37** 37 Watts 3580 Lumens 89 L/W			**35** 3500K	GEN2 Generation 2
Flat Panel	**24** 2 x 4		**40** 40 Watts 5035 Lumens 125 L/W		**Driver**	**40** 4000K	(2x4 only)
			2x2 only		**DMV** 120-277VAC	**50** 5000K	
			40 40 Watts 5000 Lumens 125 L/W		Dimming Multivolt		
			2x4 only		0-10V		
			50 50 Watts 6250 Lumens 125 L/W				

DLC Listed	
MFPEL14-LED37DMVWHxx	xx=30,35,40,50
MFPEL14-LED40DMVWHxx	xx=30,35,40,50
MFPEL22-LED40DMVWHxx	xx=30,40,50
MFPEL24-LED50DMVWHxx-GEN2	xx=35,40,50

DIMENSIONS:
1x4 - 300mm x 1200mm x 12mm + Driver (11.8" x 47.25" x 0.5")
2x2 - 600mm x 600mm x 12mm + Driver (23.625" x 23.625" x 0.5")
2x4 - 600mm x 1200mm x 12mm + Driver (23.625" x 47.25" x 0.5")
Driver - 10.625" x 3.0" x 1.7"

ACCESSORIES: Sold Separately

Surface Mounting Kits:
(sold separately)
SMKT14-MFPEL - 1x4
SMKT22-MFPEL - 2x2
SMKT24-MFPEL - 2x4

Hanging Kit:
A-MFPEL-Cable kit 35 inches
- aircraft cable kit

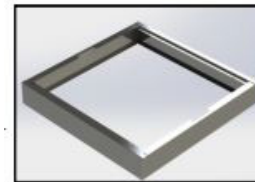Shroud for surface mounting

Consult for other options.

Wiring Diagram

To LED Boards — V+ (Red) | Black ACL
V+ (Black)
To Dimmer + (Purple) ... DIM + (Brown) | White ACN
To Dimmer + (Gray) DIM + (Yellow)

Not all color temperatures and wattages are stocked.
Dimensions and specifications subject to change without notice.
Consult factory for EM

DLC QPL LISTED   ETL Intertek   RoHS Compliant

MOBERN LIGHTING

♦ **800-444-WATT** ♦ www.mobern.com ♦
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CAT#
JOB NAME
TYPE