

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
- ◆ $L_{70} > 50000$ hrs
- ◆ Min CRI 80
- ◆ 0-10 Volt dimmable 120-277V
- ◆ High efficacy and UV and IR Free
- ◆ RoHS Compliant
- ◆ 5 Year Warranty
- ◆ $PF \geq 0.90$ $THD \leq 20\%$
- ◆ cUL_{US} 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 80 CRI minimum, multiple color temperatures, sizes and wattages are available. 5 year limited system warranty.

ORDERING DATA

EXAMPLE: MFPEL22-LED40DMVWH40

MFPEL

Series	Size	Wattage/Lumens	Finish	Color Temp	Generation
MFPEL	14	1 x 4	WH White	30 3000K*	Blank
LED Slim	22	2 x 2		35 3500K	GEN2 Generation 2
Flat Panel	24	2 x 4		40 4000K	(2x4 only)
				50 5000K	
			Driver		
			DMV 120-277VAC		
			Dimming Multivolt		
			0-10V		
				*Special Order Item Extended Lead Times	
					Options
					EM Emergency Battery Backup

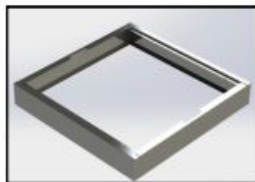
ACCESSORIES

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

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

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



◆ 800-444-WATT ◆ www.mobern.com ◆

8200 Stayton Dr., Ste. 500, Jessup, MD 20794

CAT#

JOB NAME

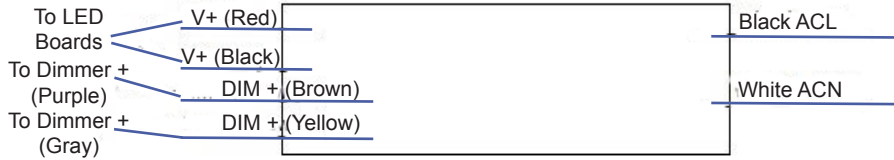
TYPE

DIMENSIONS

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"

Wiring Diagram



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