

## LED FLAT PANEL EDGE LIT MLFP SERIES G3



### PRODUCT DESCRIPTION:

Typically used to replace 1'x4', 2'x2' and 2'x4' fluorescent fixtures, the FlatMax Edge Lit LED Flat Panel Series is designed to lay in drop ceilings in offices, schools, and healthcare applications. The flat panels are fully dimmable, and are compatible with building controls, motion sensors, timers, and daylight harvesting systems.

The design of the panels produces an even, consistent shadowless light. The LEDs enable long life, high lumen maintenance, and are low maintenance and constructed without hazardous materials

### FEATURES:

- Standard dimming: 0-10V dimming
- CRI: ≥80
- Fits standard T-bar and narrow grid drop ceilings
- Available in 1'x4', 2'x2' and 2'x4' sizes
- Standard white finish
- IC Rated for direct insulation contact
- Bi-Level motion sensor available behind lens for sleek appearance
- Light Guide plate material is MS (Methyl Methacrylate-Styrene) for better long-term performance

### APPLICATION

FlatMax Edge Lit LED Flat Panels are the ideal energy-efficient replacements for fluorescent fixtures in offices, schools, hospitality, healthcare, and other commercials and industrial applications that require slim installation depth.

### WARRANTY:

10-year standard warranty with labor allowance\* (see terms at [www.maxlite.com/warranties](http://www.maxlite.com/warranties))

\*Warranty Limitations: Product must be rated for application per the Product Data Sheet (PDS); operated ≤16 hrs; in ambient temperatures -4°F to 77°F.

\*Up to \$25/unit; registration required. Additional coverage may be available for purchase; contact MaxLite.

\*Excludes EM/MS versions; component warranty applies.

\*If ambient temperatures fall outside the -4°F to 77°F range, product is warranted for 5 years according to the operating temperature range specified on the PDS.

MODEL SELECTION (Full list of order codes on pg. 2)		Typical order example: MLFP22EP3035MS/V3				
MLFP	SIZE	WATTAGE (NOMIAL)	CCT	BATTERY BACKUP	SENSOR	/V3
FAMILY	SIZE	WATTAGE (NOMIAL)	CCT	BATTERY BACKUP	SENSOR	VERSION
MLFP= Flat Panel Edge Lit	14EP= 1'X4'	40= 40W	35= 3500K 40= 4000K 50= 5000K	(OMIT)= None EM= Battery Backup Unit	(OMIT)= None MS= Bi-Level Motion Sensor Daylight Harvesting Remote Commissionable	/V3 = Version 3
	22EP= 2'X2'	30= 30W 50= 50W				
	24EP= 2'X4'	40= 40W 60= 60W				

### NOTES:

1. In the event of a power failure, the battery backup unit switches to emergency mode and operates the fixture for at 800 lumens for a minimum of 90 minutes
2. EMMS option is not DLC Listed

Not all product variations listed on this page are DLC qualified. Visit [www.designlights.org/search](http://www.designlights.org/search) to confirm qualification.

**SPECIFICATIONS:**

		MLFP14EP40xx/V3	MLFP22EP30XX/V3	MLFP22EP50XX/V3	MLFP24EP40XX/V3	MLFP24EP60XX/V3
ITEM	SPECIFICATION	DETAILS				
<b>GENERAL PERFORMANCE</b>	Power Consumption (W)	40W	30W	50W	40W	60W
	Lumens Delivered (lm)	4,612 lm	3,559 lm	5,252 lm	4,595 lm	6,709 lm
	Efficacy (lm/W)	108 lm/W	109 lm/W	102 lm/W	109 lm/W	110 lm/W
	CRI	≥80				
	Color Temperature (K)	3500, 4000, 5000				
	L70 Lifetime (hours)	50,000				
	Color Consistency	Proprietary binning for uniform color				
<b>ELECTRICAL</b>	Power Factor	≥0.99				
	Input Voltage	120-277V				
	Compatible Dimmers	Designed to be compatible with most 0-10V dimmers				
<b>PHYSICAL</b>	Weight	9 lbs	10.6 lbs		15 lbs	
	Mounting	Mounts into standard T-Bar/Grid drop ceiling				
	Operating Temperature	-4°F to 104°F				
	Humidity	20-85% RH, non-condensing				
<b>CERTIFICATIONS</b>	Certifications	cULus Listed, FCC				
	Material Usage	RoHS compliant; no mercury				
	Environment	Indoor Damp / IC rated				
	Warranty	10 year warranty*				
<b>QUALIFICATION</b>	DesignLight Consortium	DLC Standard	DLC Standard	N/A	DLC Standard	DLC Standard

Lighting layouts and spacing criteria available upon request

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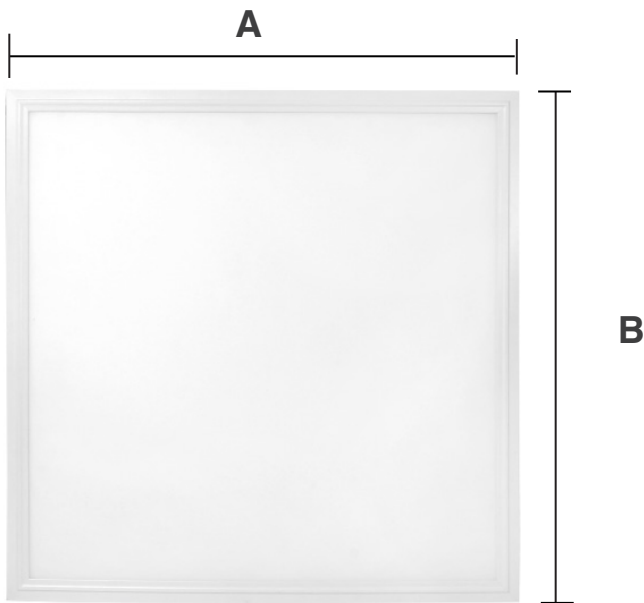
**OPTIONAL ACCESSORIES:**

ORDER CODE	MODEL NUMBER	DESCRIPTION
99968	MLFPFK1X4-215	1x4 Flat Panel Flange Kit
99969	MLFPFK2X2-215	2x2 Flat Panel Flange Kit
99970	MLFPFK2X4-215	2x4 Flat Panel Flange Kit
100995	MLSMKFP14E-215	1x4 Edge Lit Surface Mount Kit
100996	MLSMKFP22E-215	2x2 Edge Lit Surface Mount Kit
100997	MLSMKFP24E-215	2x4 Edge Lit Surface Mount Kit
102258	MLCHK2X2-215	Cable Hanging Kit for 2x2 Edge Lit Flat Panel (4 Wires)
102259	MLCHK2X4-215	Cable Hanging Kit for 1x4 or 2x4 Edge Lit Flat Panel (6 Wires)
108133	RMHYTHRC-05	Remote Control for Sensor Commissioning

SENSOR	TECHNOLOGY	DIMMING	DAYLIGHT HARVESTING	REMOTE CONTROL	
MS	HIGH FREQUENCY	BI-LEVEL	SET POINT	YES	

\* For motion sensor settings and information, please visit [www.maxlite.com/controls](http://www.maxlite.com/controls)

**DIMENSIONS:**



PRODUCT	A	B	C
1x4	47.7"	11.9"	2.2"
2x2	23.8"	23.8"	2.2"
2x4	47.7"	23.8"	2.2"