

LED FLAT PANEL EDGE LIT

MLFP SERIES G2



1x4



2x2



2x4



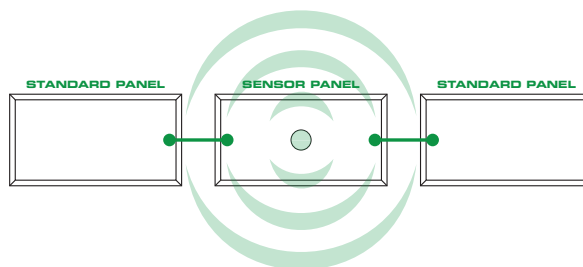
PRODUCT DESCRIPTION:

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. Utilizing 0-10v dimming protocols, 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
- Multiple fixtures can be controlled by single sensor



APPLICATIONS:

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



MODEL SELECTION (Full list of order codes on pg. 3-5)			Typical order example: MLFP22EP3550		
MLFP					
FAMILY	SIZE	WATTAGE (NOMINAL)	CCT	BATTERY BACKUP	MOTION SENSOR
MLFP= Flat Panel Edge Lit	14EP= 1'x4'	20= 20W 30= 30W 35= 35W	35= 3500K 40/41= 4000K/4100K 50= 5000K	(OMIT)= None EM= Battery Backup Unit	(OMIT)= None MS= Motion Sensor
	22EP= 2'x2'	20= 20W 30= 30W 35= 35W			
	24EP= 2'x4'	30= 30W 40= 40W 48= 48W			

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. 1x4 35W, 2x2 35W, and 2x4 48W MS models not DLC qualified.
3. 1x4 20W, 2x2 20W, and 2x4 30W EM models not DLC qualified.
4. 1x4 30W, 2x2 30W, and 2x4 40W not available with MS option.

SPECIFICATIONS:

SPECIFICATIONS:		MLFP 14EP2040	MLFP 14EP3041	MLFP 14EP3541	MLFP 22EP2040	MLFP 22EP3041	MLFP 22EP3541	MLFP 24EP3040	MLFP 24EP4041	MLFP 24EP4841
ITEM	SPECIFICATION	DETAILS								
GENERAL PERFORMANCE	Wattage	18.9W	27.8W	35.1W	18.8W	28.6W	35.8W	27.6W	36.8W	44.6W
	Lumens Delivered (lm)	2,420 lm	3,300 lm	4,760 lm	2,415 lm	3,380 lm	4,550 lm	3,535 lm	4,290 lm	5,810 lm
	Efficacy (lm/W)	128 lm/W	120 lm/W	136 lm/W	129 lm/W	118 lm/W	127 lm/W	128 lm/W	117 lm/W	130 lm/W
	DLC	Premium	Standard	Premium	Premium	Standard	Premium	Premium	Standard	Premium
	CRI	≥80								
	Color Temperature (K)	3500, 4000/4100, 5000								
	L70 Lifetime (hours)	50,000								
	Color Consistency	Proprietary binning for uniform color								
ELECTRICAL	Power Factor	≥0.99								
	Input Voltage	120-277V								
	Compatible Dimmers	Designed to be compatible with most 0-10V dimmers								
PHYSICAL	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								
QUALIFICATION	Certifications	cULus, FCC, DLC 4.1 Premium, DLC Standard								
	Material Usage	RoHS compliant; no mercury								
	Environment	Indoor Damp / IC rated								
	Warranty	5 year standard, 10 year eligibility								

Lighting layouts and spacing criteria available upon request

OPTIONAL ACCESSORIES:

ORDER CODE	MODEL NUMBER	DESCRIPTION
99968	MLFPPK1X4-215	1x4 Flat Panel Flange Kit
99969	MLFPPK2X2-215	2x2 Flat Panel Flange Kit
99970	MLFPPK2X4-215	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 Motion Sensor Units

SENSOR OPTION	TECHNOLOGY	DIMMING	DAYLIGHT HARVESTING	REMOTE CONTROL	QR CODE
MS	High Frequency	Bi-Level	Set Point*	Yes	

For motion sensor settings and information, please visit www.maxlite.com/controls

*Daylight Harvesting feature not functional on flat panels

1X4 ORDERING:

WATTAGE	CCT	MODEL NUMBER	ORDER CODE
20W	3500K	MLFP14EP2035	14099563
		MLFP14EP2035EM	14099731
		MLFP14EP2035MS	14099732
	4000K	MLFP14EP2040	14099564
		MLFP14EP2040EM	14099733
		MLFP14EP2040MS	14099734
	5000K	MLFP14EP2050	14099565
		MLFP14EP2050EM	14099735
		MLFP14EP2050MS	14099736
30W	3500K	MLFP14EP3035	105914
		MLFP14EP3035EM	108005
	4100K	MLFP14EP3041	105915
		MLFP14EP3041EM	108006
	5000K	MLFP14EP3050	108015
		MLFP14EP3050EM	105916
35W	3500K	MLFP14EP3535	108007
		MLFP14EP3535EM	107777
		MLFP14EP3535MS	101366
	4100K	MLFP14EP3541	107778
		MLFP14EP3541EM	108009
		MLFP14EP3541MS	101367
	5000K	MLFP14EP3550	107779
		MLFP14EP3550EM	108010
		MLFP14EP3550MS	101370

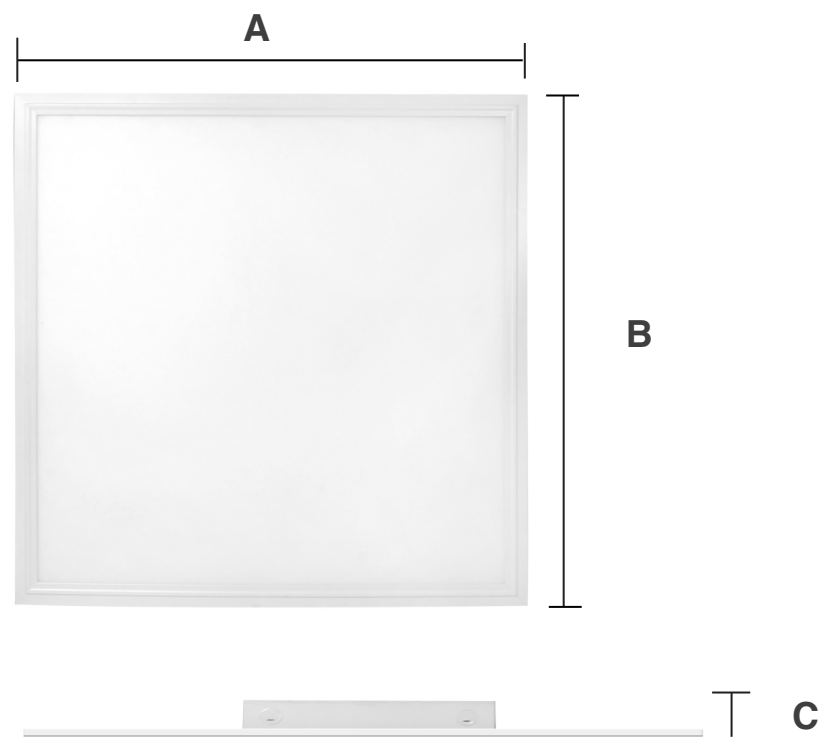
2X2 ORDERING:

WATTAGE	CCT	MODEL NUMBER	ORDER CODE
20W	3500K	MLFP22EP2035	14099016
		MLFP22EP2035EM	14099737
		MLFP22EP2035MS	14099738
	4000K	MLFP22EP2040	14099254
		MLFP22EP2040EM	14099739
		MLFP22EP2040MS	14099740
	5000K	MLFP22EP2050	14099018
		MLFP22EP2050EM	14099741
		MLFP22EP2050MS	14099742
30W	3500K	MLFP22EP3035	105920
		MLFP22EP3035EM	108011
	4100K	MLFP22EP3041	105921
		MLFP22EP3041EM	108012
	5000K	MLFP22EP3050	105922
		MLFP22EP3050EM	108013
35W	3500K	MLFP22EP3535	107699
		MLFP22EP3535EM	108014
		MLFP22EP3535MS	14099786
	4100K	MLFP22EP3541	107700
		MLFP22EP3541EM	108015
		MLFP22EP3541MS	14099788
	5000K	MLFP22EP3550	107701
		MLFP22EP3550EM	108016
		MLFP22EP3550MS	14099790

2X4 ORDERING:

WATTAGE	CCT	MODEL NUMBER	ORDER CODE
30W	3500K	MLFP24EP3035	14099019
		MLFP24EP3035EM	14099743
		MLFP24EP3035MS	14099744
	4000K	MLFP24EP3040	14099255
		MLFP24EP3040EM	14099745
		MLFP24EP3040MS	14099746
	5000K	MLFP24EP3050	14099021
		MLFP24EP3050EM	14099747
		MLFP24EP3050MS	14099748
40W	3500K	MLFP24EP4035	105926
		MLFP24EP4035EM	108017
	4100K	MLFP24EP4041	105927
		MLFP24EP4041EM	108018
	5000K	MLFP24EP4050	105928
		MLFP24EP4050EM	108019
48W	3500K	MLFP24EP4835	107702
		MLFP24EP4835EM	108020
		MLFP24EP4835MS	14099792
	4100K	MLFP24EP4841	107703
		MLFP24EP4841EM	108021
		MLFP24EP4841MS	14099794
	5000K	MLFP24EP4850	107704
		MLFP24EP4850EM	108022
		MLFP24EP4850MS	14099796

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"