

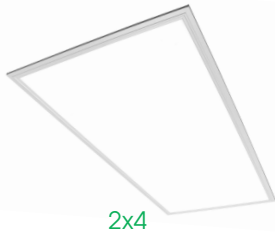
**LED FLAT PANEL EDGE LIT**  
**CCT SELECTABLE**  
**MLFP CCT SELECTABLE SERIES**



1x4



2x2



2x4



**PRODUCT DESCRIPTION:**

A seamless replacement for 1'x4', 2'x2' and 2'x4' fluorescent fixtures, the FlatMax LED Flat Panel Edge Lit Series with field selectable CCT technology is designed to lay in drop ceilings in offices, schools, and healthcare applications. The panel's edge lit light source produces uniform illumination in any setting, and with the flick of a switch, installers can choose from 3500K, 4000K and 5000K color temperatures to suit various application needs. Utilizing 0-10v dimming protocols, these low-profile panels are fully dimmable and may be combined with building controls, motion sensors, timers, and daylight harvesting systems for additional energy savings. FlatMax panels deliver all the benefits of LED technology, including a long life with high lumen maintenance, reduced energy consumption and lower maintenance costs.

**FEATURES:**

- Ten year limited warranty
- SDCM  $\leq$  5 Steps
- Fits standard T-bar and narrow grid drop ceilings
- IC rated for direct insulation contact
- Standard white finish
- L70 Lumen Maintenance  $\geq$  110,000 hours at 25 .
- Operating temperature: 14°F to 104°F
- Operating humidity 20% to 85% RH non-condensing
- Compatible with both flange and surface mount kits

**APPLICATIONS:**

The FlatMax LED Flat Panel Edge Lit Series with field selectable CCT technology is the ideal energy-efficient replacement for fluorescent fixture in offices, schools, hospitality, healthcare and other commercial and industrial applications that require slim installation depth.

**WARRANTY:**

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

\*Warranty Limitations: Product must be rated for the application per the Product Data Sheet (PDS); operated < 16 hrs; in ambient of -29F to 104F.

\*Up to \$25/unit; labor allowances of up to \$500/unit available for purchase – contact MaxLite representative for details.

FAMILY	SIZE	WATTAGE (NOMINAL)	CS
MLFP= Flat Panel Edge Lit	14EP= 1'x4'	30= 30W	CS= CCT Selectable
	22EP= 2'x2'	30= 30W	
	24EP= 2'x4'	40= 40W	

<sup>1</sup> Selectable to 3500K, 4000K (Default) or 5000K in field

**SPECIFICATIONS:**

		MLFP 14EP30CS	MLFP 22EP30CS	MLFP 24EP40CS
ITEM	SPECIFICATION	DETAILS		
<b>GENERAL PERFORMANCE</b>	Wattage	30W	30W	40W
	Lumens Delivered (lm)	3,081 lm	3,286 lm	4,254 lm
	Efficacy (lm/W)	106 lm/W	105 lm/W	107 lm/W
	CRI	≥80		
	Color Temperature (K)	Color Selectable (3500K, 4000K, 5000K)		
	L70 Lumen Maintenance	≥ 110,000 hours at 25		
	Color Consistency	Proprietary binning for uniform color		
<b>ELECTRICAL</b>	Power Factor	>0.9		
	Input Voltage	120-277V		
	Compatible Dimmers	Designed to be compatible with most 0-10V dimmers		
	Mounting	Mounts into standard T-Bar/Grid drop ceiling		
	Operating Temperature	14°F to 104°F		
	Humidity	20% to 85% RH non-condensing		
<b>QUALIFICATION</b>	Certifications	cULus Listed, FCC, DLC listed		
	Material Usage	RoHS compliant; no mercury		
	Environment	Indoor Damp / IC rated		
	Warranty	10 year standard warranty*		

Lighting layouts and spacing criteria available upon request  
Performance data are at default CCT of 4000K

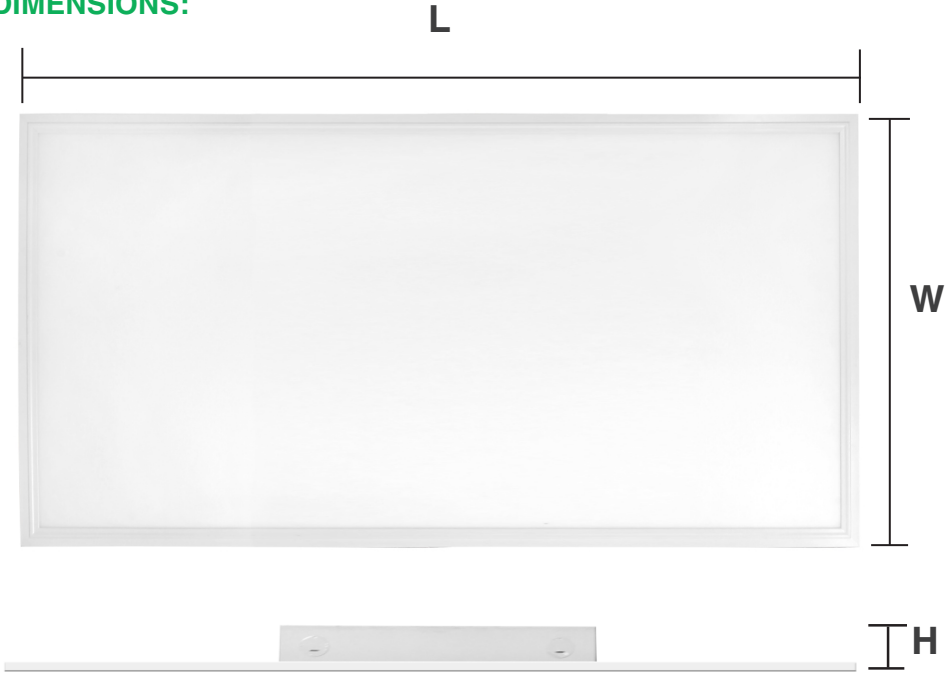
**ORDER STRUCTURE :**

SIZE	ORDER CODE	MODEL NUMBER	WATTAGE	CCT
1x4	102960	MLFP14EP30CS	30W	Color Selectable (3500K, 4000K, 5000K)
2x2	102961	MLFP22EP30CS	30W	
2x4	102962	MLFP24EP40CS	40W	

**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)

**DIMENSIONS:**



PRODUCT	L	W	H
1x4	47.7"	11.9"	1.8"
2x2	23.7"	23.7"	1.8"
2x4	47.7"	23.7"	1.8"