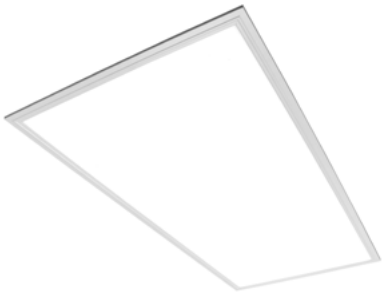
PROJECT NAME:_____ CATALOG NUMBER:_____

NOTES:_____FIXTURE SCHEDULE:_____

LED FLAT PANEL EDGE LIT

MLFP SERIES

MLFP22EP40XX



MLFP24EP50XX

PRODUCT DESCRIPTION:

Typically used to replace 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 high CRI and are low maintenance and constructed without hazardous materials

FEATURES:

- Standard dimming: 0-10V dimming
- Five year limited warranty
- CRI: >80
- Fits standard T-bar and narrow grid drop ceilings
- Available in both 1'x4', 2'x2' and 2'x4' sizes
- Standard white finish
- IC Rated for direct insulation contact

APPLICATION

FlatMax Edge Lit ED 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.

MODEL SELECTION (Full list of order codes on pg. 2) — Typical order example: MLFP22EP4035

MLFP					
FAMILY	**SIZE**	**WATTAGE (NOMIAL)**	**CCT**	**VERSION**	**OPTIONS**
MLFP= Flat Panel Edge Lit	**[1]14EP=** 1'x4'	**36=** 36W	**35=** 3500K **41=** 4100K **50=** 5000K	**-215=** 215 Series	**[2]EM=** Emergency Battery
	22EP= 2'x2'	**40=** 40W		N/A	
	24EP= 2'x4'	**50=** 50W			

NOTES:

1. 1x4 flat panel is made to order only (contact MaxLite for additional information)
2. In the event of a power failure, the battery backup unit switches to emergency mode and operates the fixture for a minimum of 90 minutes

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 2x4 Edge Lit Flat Panel (4 Wires)

SPECIFICATIONS:

ITEM	SPECIFICATION	MLFP14EP3635 -215	MLFP14EP3641 -215	MLFP14EP3650 -215	MLFP22EP4035	MLFP22EP4041	MLFP22EP4050*	MLFP24EP5035*	MLFP24EP5041*	MLFP24EP5050*
GENERAL PERFORMANCE	Power Consumption (W)	35.4	35.3	35.3	39.9	39.7	40.0	50.1	50.0	49.9
	Lumens Delivered (lm)	3,490	3,550	3,650	4,120	4,180	4,320	5,870	5,920	6,060
	Efficacy (lm/W)	99	101	103	103	105	108	117	118	121
	CRI	≥80								
	Color Temperature (K)	3500, 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 existing recessed frame								
	Operating Temperature	-4°F to 104°F								
	Humidity	20-85% RH, Lighting Facts								
CERTIFICATION	Certification	DLC Premium*, DLC, cULus, FCC, Lighting Facts								
	Material Usage	RoHS compliant; no mercury								
	Environment	Indoor/ IC rated								
	Warranty	5 years								

Lighting layouts and spacing criteria available upon request

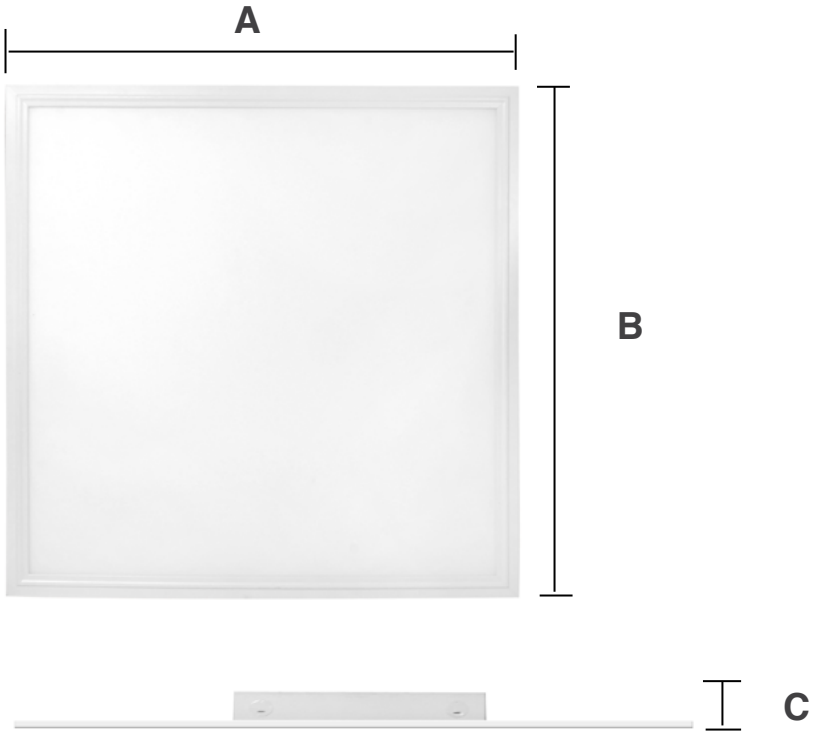
***DLC Premium qualified. All other models are DLC qualified.**

ORDERING:

ORDER CODE	MODEL NUMBER	WATTAGE	CCT
97826	MLFP14EP3635-215	36	3500K
99983	MLFP14EP3635EM-215		
97827	MLFP14EP3641-215		4100K
99984	MLFP14EP3641EM-215		
97828	MLFP14EP3650-215		5000K
99985	MLFP14EP3650EM-215		
96851	MLFP22EP4035	40	3500K
99977	MLFP22EP4035EM		
96852	MLFP22EP4041		4100K
99978	MLFP22EP4041EM		
96853	MLFP22EP4050*		5000K
99979	MLFP22EP4050EM		
96854	MLFP24EP5035*	50	3500K
99980	MLFP24EP5035EM		
96855	MLFP24EP5041*		4100K
99981	MLFP24EP5041EM		
96856	MLFP24EP5050*		5000K
99982	MLFP24EP5050EM		

***DLC Premium qualified. All other models are DLC qualified.**

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”