

FlatMAX™ Edge Lit LED 2x2 Panel

PERFORMANCE SERIES



Typically used to replace 2'x2' and 2'x4' fluorescent fixtures, the FlatMAX Edge Lit LED Flat Panel Performance 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:

- 36 watts nominal
- 100,000 hour life at L70 standards
- 9.25 lbs.
- Standard dimming: 0-10V dimming; 10%-100%
- Five year limited warranty
- CRI: >80
- Fits standard T-bar and narrow grid drop ceilings
- LM-79 test data is available online
- Also available in 1'x4' and 2'x4'
- Standard white finish
- Pass through wiring access door
- (3) 7/8" conduit knock out provided
- Includes California-rated seismic clips
- Includes integrated hard lid tie points
- Unique optic light guide plate controls glare and provides uniform lighting distribution

CONTROL:

- Standard integrated driver
- Up to 20 panels can be linked to each master panel

PROJECT NAME
CATALOG NUMBER
NOTES
FIXTURE TYPE



CONSTRUCTION:

- Face frame is extruded aluminum painted white
- Housing is aluminum
- Lens is translucent white PMMA
- Profile, including the control box, is 2.0 inches
- Unique mounting gives flush-fit in drop ceiling
- Fixtures are Type IC rated for contact with insulation after installation

Luminaire Ordering Information:

Watts	Order Number	Model Number	Lumens	Lamp Life (Hrs.)	Dimensions (L"xW"xH")	CCT
36	72869	MLFP22EP3635	3300	100,000	23.8" X 23.8" X 2.0"	3500
36	72866	MLFP22EP3641	3375	100,000	23.8" X 23.8" X 2.0"	4100
36	72863	MLFP22EP3650	3450	100,000	23.8" X 23.8" X 2.0"	5000

MAX12156



FlatMAX™ Edge Lit LED 2x2 Panel

PERFORMANCE SERIES



SPECIFICATIONS:

ITEM	SPECIFICATION	DETAILS		
General Performance	Spacing Criteria	Available upon request		
	Color Temperature (CCT)	3500	4100	5000
	Lumens Delivered	3300	3370	3450
	Efficacy (LM/W)	92 lm/w*	94 lm/w*	96 lm/w*
	CRI	>80		
	Color Consistency	Proprietary binning for uniform color		
	Lumen Maint. (L70)	100,000 hours		
Electrical	Power Factor	Over 92%		
	Input Voltage	120V-277V 50/60 Hz		
	Power Consumption	36 watt nominal		
Control	Dimming Switch	Standard 0 -10V dimming 10%-100%		
	Linking Lengths/Qty	15 cable feet x 20 panels		
Physical	Dimensions	23.8" x 23.8" x 2.0"		
	Weight	9.25 lbs.		
	Housing	Aluminum		
	Lens	Translucent white PMMA		
	Mounting	Fits standard grid for drop ceilings		
	Operating Temperature	-30°F to 122°F (-2-c to 50c)		
	Humidity	20% - 85% RH, non condensing		
Certification	Certification	cULus, FCC, LM79, LM80		
	Material Usage	RoHS compliant; no mercury		
	Environment	Indoor, dry		
	Warranty	Five year		

MASTER / SATELLITE DEFINITION:

Each panel can be wired as a Master/Satellite panel. During mounting, one fixture in the room should be wired as a Master, and the others in the room should be wired as Satellites. The fixture comes with a standard low voltage phone bell cable.

BUILDING AUTOMATION

COMPATIBLE: Multiple panels can also be controlled from a single source. The panels can be linked to building automation systems. Contact your MaxLite representative for inquiries involving dimming control methods other than 0-10V, IR or Simple Dimming.

** Data shown is preliminary, please contact MaxLite for most recent report data

OPTIONAL ACCESSORIES:

Order Number	Model Number	Short Description
71119	MLCHKSQ	Cable hung kit
71373	MLSMKFP22E	2x2 Edge Lit Surface Mount Kit

Dimming Compatible Controls*

MFG	Model Number
Leviton	IP710
Lutron	Nova NFTV 0-10V

*Not compatible with MaxLite MLFPIRK Hand Held Remote control

Installation Instructions, LM-79 Testing, IES Files available online:

MaxLite®: 1-800-555-5629 | Fax: 973-244-7333 | Web: www.maxlite.com | E-mail: info@maxlite.com

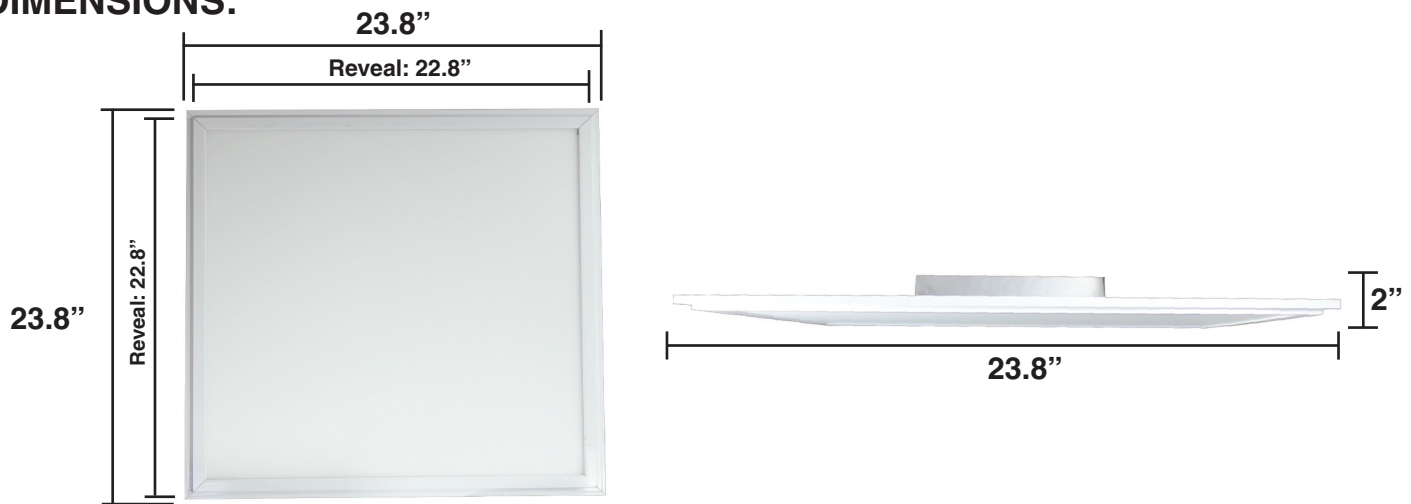


FlatMAX™ Edge Lit LED 2x2 Panel

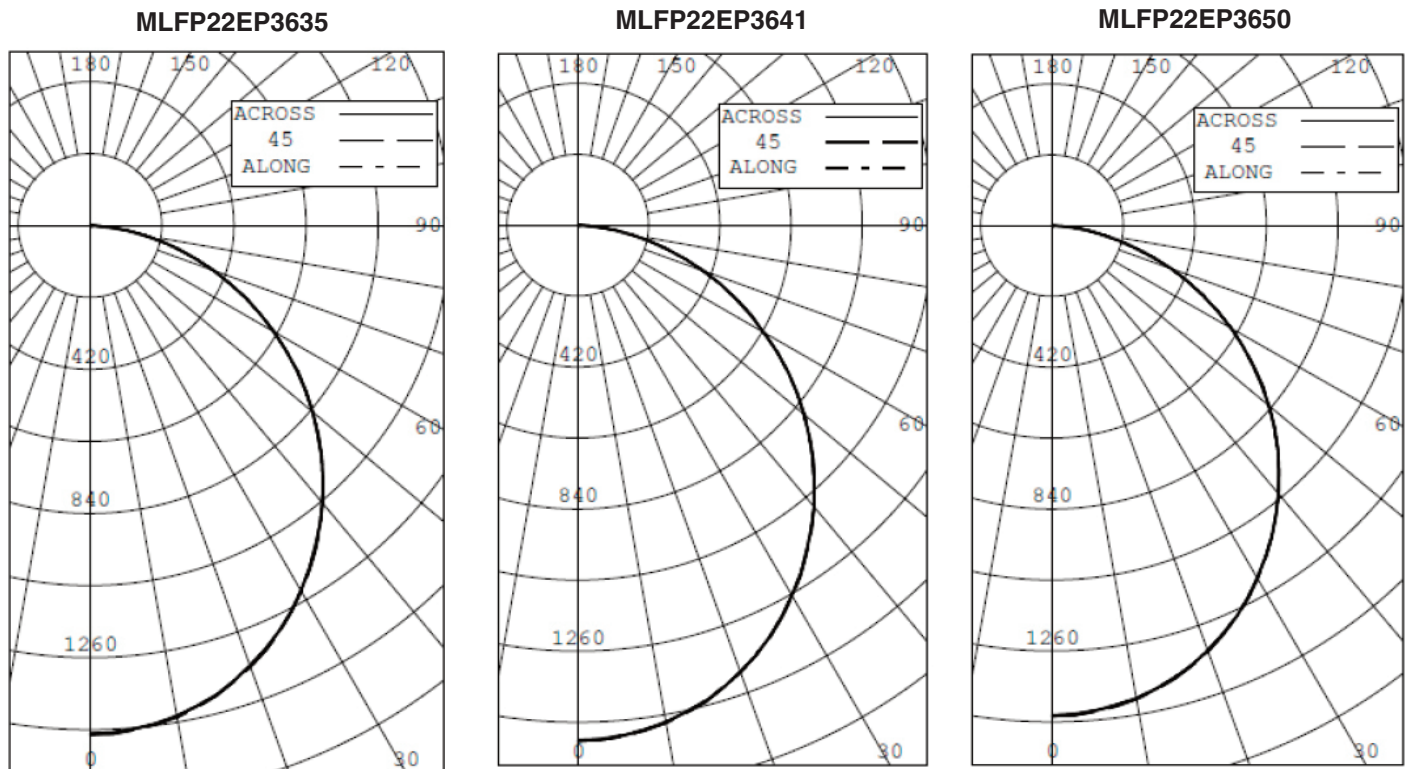
PERFORMANCE SERIES



DIMENSIONS:



PHOTOMETRICS:



Lighting layouts and spacing criteria available upon request

Installation instructions are available online; specifications are subject to change without notice.

MaxLite®: 1-800-555-5629 | Fax: 973-244-7333 | Web: www.maxlite.com | E-mail: info@maxlite.com

