FlatMAX™ Edge Lit LED 1x4 Panel
PERFORMANCE SERIES

maxLED®
by MaxLite

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.

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	FIXTURE SCHEDULE

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 2'x2' 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
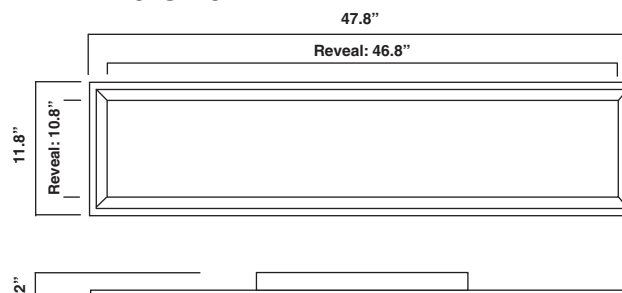• Up to 20 panels can be linked to each master panel

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

DIMENSIONS:

47.8"
Reveal: 46.8"
11.8"
Reveal: 10.8"
2"

Luminaire Ordering Information:

Watts	Order Number	Model Number	Nominal Lumens	Lamp Life (Hrs.)	Dimensions (L"xW"xH")	CCT
36	72860	MLFP14EP3635	3300	100,000	47.8" X 11.8" X 4.0"	3500
36	72857	MLFP14EP3641	3270	100,000	47.8" X 11.8" X 4.0"	4100
36	72854	MLFP14EP3650	3450	100,000	47.8" X 11.8" X 4.0"	5000

MaxLite® SUPPORTS T24 COMPLIANCE cULus LISTED FC

Ph: 1-800-555-5629 | **Fax:** 973-244-7333 | **Web:** www.maxlite.com | **E-mail:** info@maxlite.com MAX13183   Revised: 9-12-14

SPECIFICATIONS:

ITEM	SPECIFICATION	DETAILS		
General Performance	Spacing Criteria	Available upon request		
	Color Temperature (CCT)	3500	4100	5000
	Nominal Lumens Delivered	3300	3270	3450
	Efficacy (LM/W)	92 lm/w*	91 lm/w*	96 lm/w*
	CRI	>80		
	Color Consistency	Proprietary binning for uniform color		
	Lumen Maint. (L70)	100,000 hours		
Electrical	Power Factor	Over 95%		
	Input Voltage	120V-277V 50/60 Hz		
	Power Consumption	36 watt nominal		
Control	Dimming Switch	Standard 0 -10V dimming 5%-100%		
	Linking Lengths/Qty	15 cable feet x 20 panels		
Physical	Dimensions	47.8" x 11.8" 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		

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

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.

OPTIONAL ACCESSORIES:

Order Number	Model Number	Short Description
71119	MLCHKSQ	Cable hung kit
72072	MLSMKFP14E	1x4 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

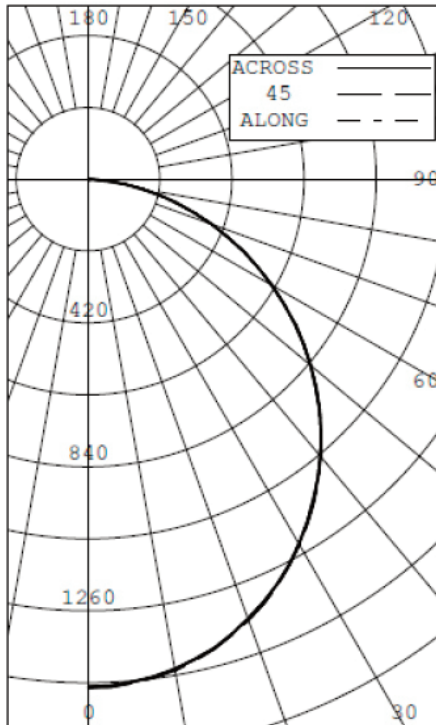**Installation Instructions, LM-79 Testing and IES Files are available online**
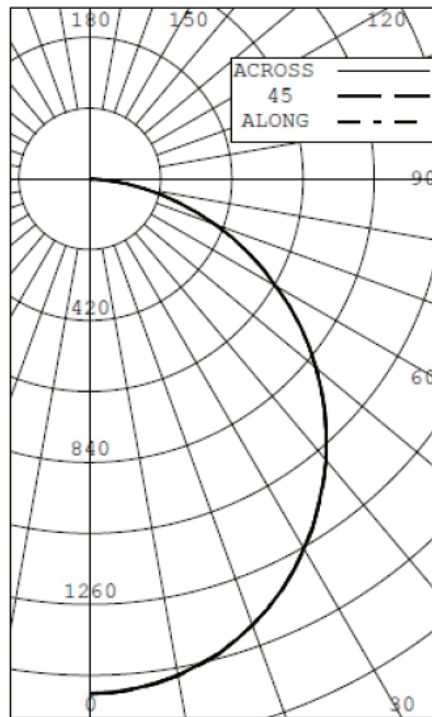
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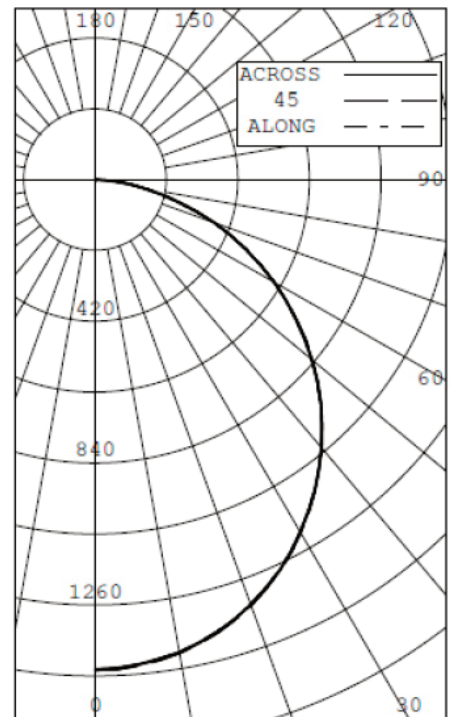## PHOTOMETRICS:

MLFP14EP3635

MLFP14EP3641

MLFP14EP3650

Lighting layouts and spacing criteria are available upon request.

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

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