

# DIRECT LIT LED 2X4 FLAT PANEL



A high performance LED flat panel designed to lay in to drop ceilings, typically used to replace 2' x 2' and 2' x 4' fluorescent fixtures. Suitable for office, school, hospital and medical facility applications, the LED Flat Panels are fully dimmable, and 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, high CRI, and low maintenance and are constructed without hazardous materials.

PROJECT NAME
CATALOG NUMBER
NOTES
FIXTURE TYPE

## FEATURES:

- Lumens delivered: 3500K CCT: 4061  
5000K CCT: 4548
- 60 Watts
- 50,000 hour life at L70 standards
- 17.6 lbs.
- Fluid dimming from 4 types of input signal
  - 0-10; Simple Dimming; IR Remote; DMX 512
- 5 Year Limited Warranty
- CRI: 85
- Fits standard T-bar grid (drop ceilings)
- LM-79 test data available soon
- Also available in 1X4 and 2X2



## CONTROL:

- Standard integrated driver; remote driver available for MRI imaging models
- Up to 10 panels can be linked to each master panel

## ACCESSORIES:

MODEL NUMBER:	SHORT DESCRIPTION
MLCHKSQ	Cable hung kit
MLSMKFP24	Surface mount kit
MLDFBE	Donn Finline spacer bracket

### Luminaire Ordering Information:

Typical Order Example: MLFP24D6035

CLASS	SIZE	OPTICS	WATTAGE	CCT	FINISH	OPTIONS	VERSION
MLFP= Square shaped flat panel	24= 2'X4'	D= Direct Lit	60 = 60 Watt	35 = 3500K 50 = 5000K	= Aluminum W = White	= No options MR= MRI RD= Remote Driver EM= Emergency Backup	= 1st Gen

### Option Descriptions:

**Remote Driver:** Allowing for an installation depth of just 2 inches, **MRI Compatible:** Constructed of non-ferrous material, **Emergency Battery Backup:** 90 min. @ 30% output

## CONSTRUCTION:

- The housing and back panel are aluminum, providing heat sink and thermal control capabilities
- Lens is translucent white polycarbonate
- Profile including the control box is 3 inches
- Mounting gives flush-fit in drop ceiling
- Modular construction for easy replacement



Installation instructions 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



MAX12051-03-06

# MLFP2X4 LED FLAT PANEL



## SPECIFICATIONS:

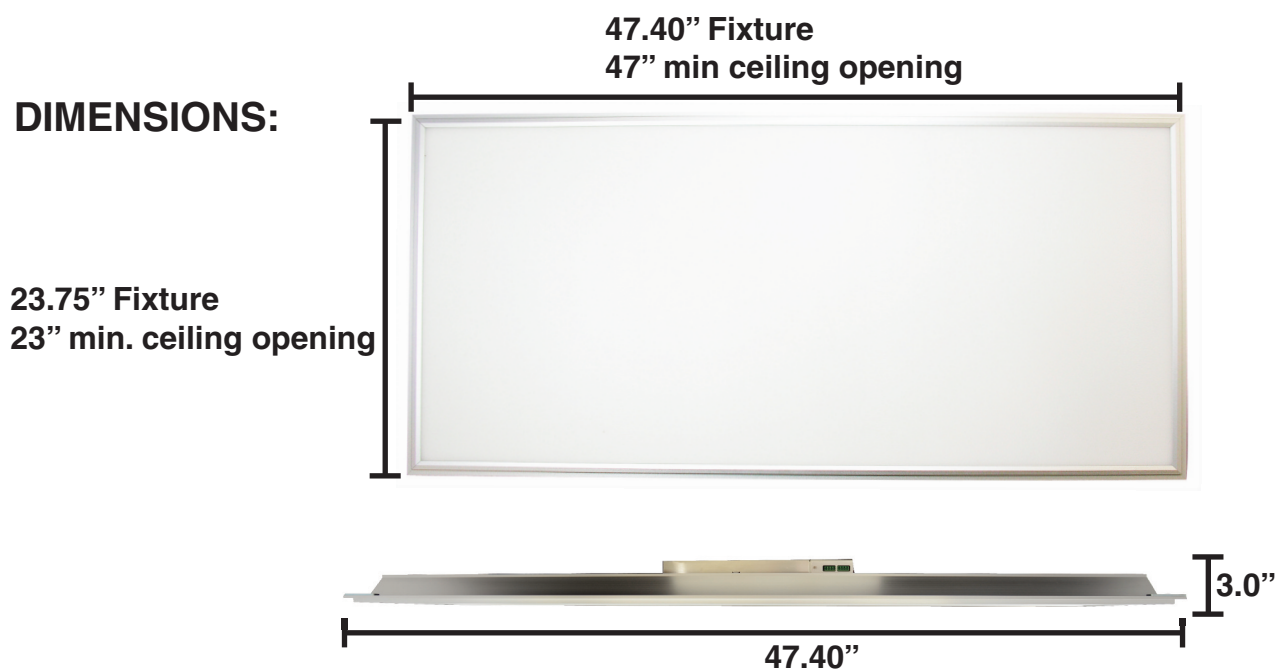
Item	Specification	MLFP24D6035	MLFP24D6050
<b>General Performance</b>	Spacing Criteria	Available upon request	
	Color Temperature	3500K	5000K
	Lumens	4061	4548
	Efficacy	65.5 lumen/watt	73.4 lumen/watt
	Color Consistency	Proprietary binning for uniform color	
	Lumen Maintenance (L70)	50,000 hours	
<b>Electrical</b>	Power Factor	>.92	
	Input Voltage	120V-277V 50/60 Hz	
	Power Consumption	62 Watts	
<b>Control</b>	Dimming	0-10V, IR Dimming, Simple Dimming, DMX512	
	Linking Lengths/Qty	15 cable feet x 10 panels	
<b>Physical</b>	Dimensions (+/-1/16")	23.75" x 47.40" x 3.0"	
	Weight	17.6 Lbs	
	Housing	Aluminum	
	Optics	Light Refraction/Acrylic Diffusion	
	Mounting	Fits standard grid for drop ceilings	
	Operating Temperature	-20°F to 130°F	
	Humidity	20% - 85% RH, non condensing	
<b>Certification</b>	Certification	ETL, cETL	
	Material Usage	RoHS compliant; no mercury	
	Environment	Indoor Use	

**MASTER / SATELLITE DEFINITION:** Each panel has a Master/Satellite switch on the back. During mounting, one fixture in the room should be switched to Master, and the others in the room should be switched to Satellite. With supplied regular RJ25 cord (telephone cords with telephone jacks), each fixture is joined to the next.

**IR DIMMING:** When all the units are joined, one remote control aimed at the Master Unit will control all the other units in the room, up to a maximum of 10 units. With one click, all the units can be turned on, dimmed and turned off. The Master Unit controls the whole room, up to 10 fixtures.

**BUILDING AUTOMATION COMPATIBLE:** Multiple panels can also be controlled from a single source. The panels can be linked to a DMX512 controller or other building automation systems. Contact your MaxLite® representative for inquiries involving dimming control methods other than 0-10V, IR, Simple Dimming or DMX512.

Lighting layouts and spacing criteria available upon request



Installation instructions available online: Specifications are subject to change without notice

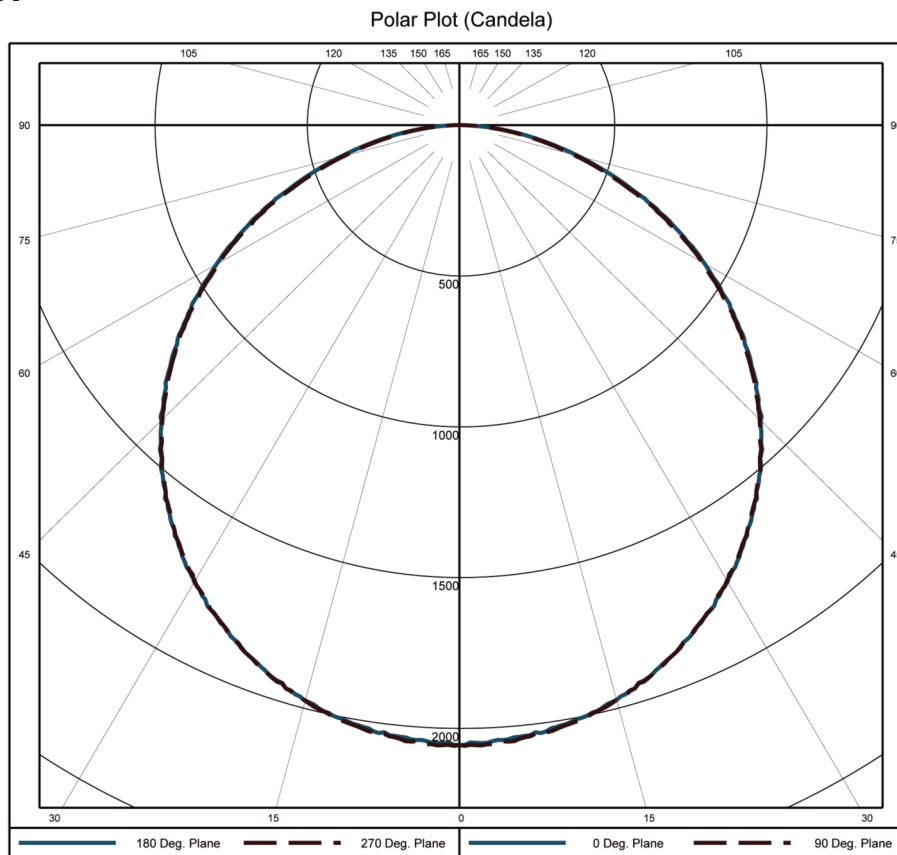
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## PHOTOMETRICS:



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