

# DIRECT LIT LED 2X2 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. 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 mean long life, high lumen maintenance, high CRI, and low maintenance, constructed without hazardous materials.

PROJECT NAME
CATALOG NUMBER
NOTES
FIXTURE TYPE

## FEATURES:

- 45W Lumens delivered: 3500K CCT: 2966  
5000K CCT: 2892
- 60W Lumens delivered: 3500K CCT: 3860  
5000K CCT: 4100
- 45 Watts / 60 Watts
- 50,000 hour life at L70 standards
- 9.8 lbs.
- Fluid dimming from 4 types of input signal
  - 0-10; Simple Dimming; IR Remote; DMX 512
- 5 Year Limited Warranty
- CRI: 82
- Fits standard T-bar grid (drop ceilings)
- Also available in 1X4 and 2X4



## 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
MLCHKFP22	Cable hung kit
MLDFBE	Donn Finline spacer bracket

Luminaire Ordering Information:

Typical Order Example: MLFP22D4535

CLASS	SIZE	OPTICS	WATTAGE	COLOR	FINISH	OPTIONS
MLFP= Square shaped flat panel	22= 2'X2'	D= Direct Lit	45 = 45 Watt 60 = 60 Watt	35 = 3500K 50 = 5000K	= Aluminum WH= White	= No options MR= MRI RD= Remote Driver EM= Emergency Backup

## 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 3.0 inches
- Unique 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



MAX12005-03-06

# MLFP2X2 LED FLAT PANEL



## SPECIFICATIONS:

Item	Specification	MLFP22D45		MLFP22D60	
<b>General Performance</b>	Spacing Criteria	Available upon request			
	Color Temperature	3500K	5000K	3500K	5000K
	Lumens	2966	2892	3860	4100
	Efficacy	64 lm/w	66 lm/w	65 lm/w	68 lm/w
	Color Consistency	Proprietary binning for uniform color			
	Lumen Maintenance (L70)	50,000 hours			
<b>Electrical</b>	Power Factor	Over 98%			
	Input Voltage	120V-277V 50/60 Hz			
	Power Consumption	45 Watts / 60 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 23.75" x 3.0"			
	Weight	9.8 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			

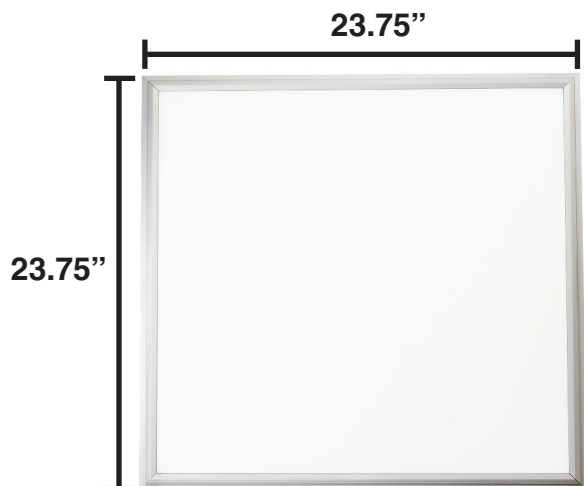
**MASTER / SATELLITE DEFINITION:** Each panel has a Master/Satellite switch on the back. During mounting, one fixture in the room should be switched to Master, and the others in the room should be switched to Satellite. With supplied regular RJ25 cord (telephone cords with telephone jacks) each fixture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

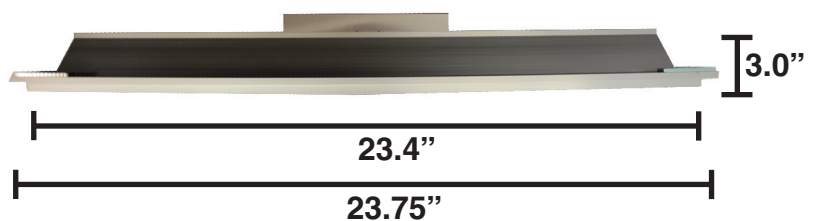
**BUILDING AUTOMATION COMPATIBLE:** Multiple panels can also be controlled from a single source. The panels can be linked to a DMX512 controller or other building automation systems. Contact your maxlite representative for inquiries involving dimming control methods other than 0-10V, IR, Simple Dimming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

Lighting layouts and spacing criteria available upon request

## DIMENSIONS:



Reveal Dimensions:  
23.4" x 23.4"



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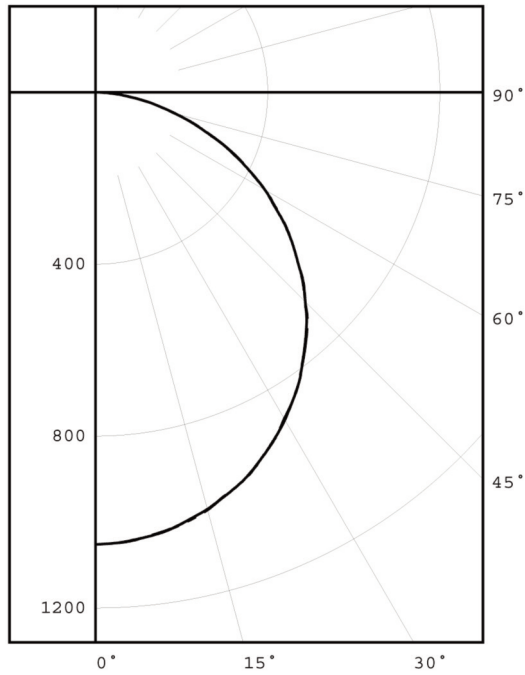


# MLFP2X2 LED FLAT PANEL



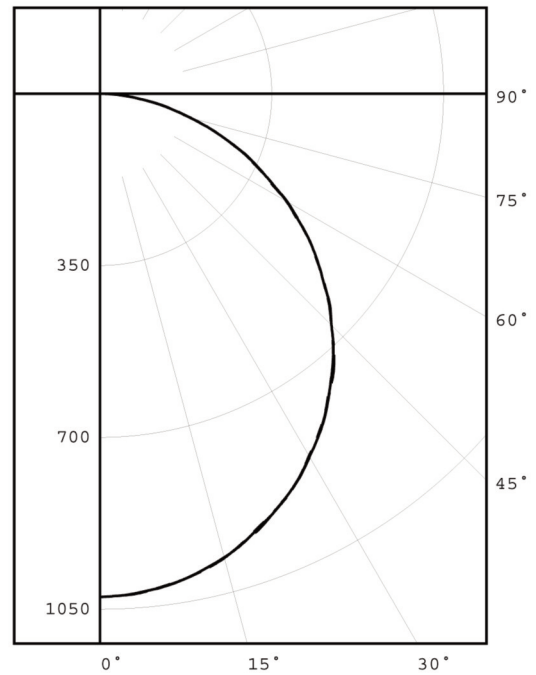
## PHOTOMETRICS:

**MLFP22D4535**



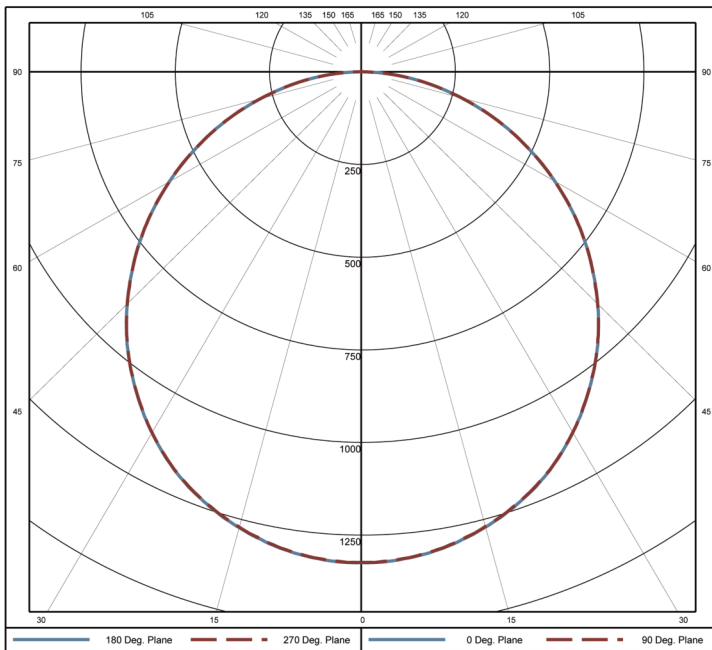
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**MLFP22D4550**

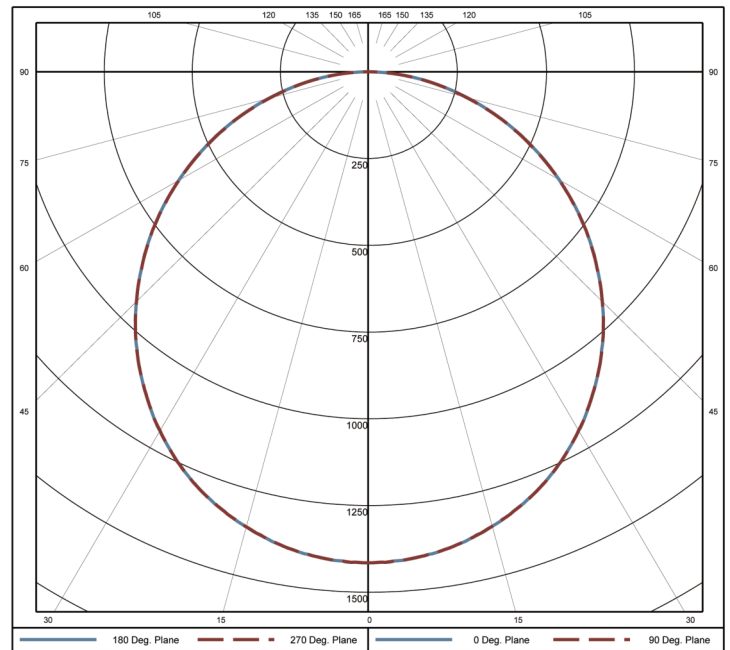


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**MLFP22D6035**



**MLFP22D6050**



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