

DIRECT LIT LED 1X4 FLAT PANEL



A high performance LED flat panel designed to lay in to drop ceilings and typically used to replace 1' x 4' fluorescent fixtures, MaxLite LED Flat Panels are 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 enable long life, high lumen maintenance, high CRI, low maintenance, and are constructed without hazardous materials.

PROJECT NAME
CATALOG NUMBER
NOTES
FIXTURE TYPE

FEATURES:

- Lumens delivered: 3500K CCT: 2590
5000K CCT: 2850
- 45 Watts
- 50,000 hour life at L70 standards
- 9.8 lbs.
- Fluid dimming from 4 types of input signals:
0-10; Simple Dimming; IR Remote; DMX512
- 5 Year Limited Warranty
- CRI: 82
- Fits standard T-bar grid (drop ceilings)
- LM79 Test data will be available online soon
- Also available in 2x2 and 2x4



CONTROL:

- Standard integrated driver; remote driver is 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
MLDFBE	Donn Fineline spacer bracket

Luminaire Ordering Information:

Typical Order Example: MLFP14D4535

CLASS	SIZE	OPTICS	WATTAGE	COLOR	FINISH	OPTIONS	VERSION
MLFP= Square shaped flat panel	14= 1'X4'	D= Direct Lit	45 = 45 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 and provide heat sink and thermal control capabilities
- Lens is translucent white polycarbonate
- Profile, including the control box, is 3 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



MAX11346-03-06

MLFP1X4 LED FLAT PANEL



SPECIFICATIONS:

Item	Specification	MLFP14D4535	MLFP14D4550
General Performance	Spacing Criteria	Available upon request	
	Color Temperature	3500K	5000K
	Lumens	2590	2850
	Efficacy	60 lumen/watt	65 lumen/watt
	Color Consistency	Proprietary binning for uniform color	
	Lumen Maintenance (L70)	50,000 hours	
Electrical	Power Factor	Over 98%	
	Input Voltage	120V-277V 50/60 Hz	
	Power Consumption	45 Watts	
Control	Dimming	0-10V, IR Dimming, Simple Dimming, DMX512	
	Linking Lengths/Qty	15 cable feet x 10 panels	
Physical	Dimensions (+/-1/16")	11.88" x 47.83" 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	
Certification	Certification	ETL, cETL	
	Material Usage	RoHS compliant; no mercury	
	Environment	Indoor Use	

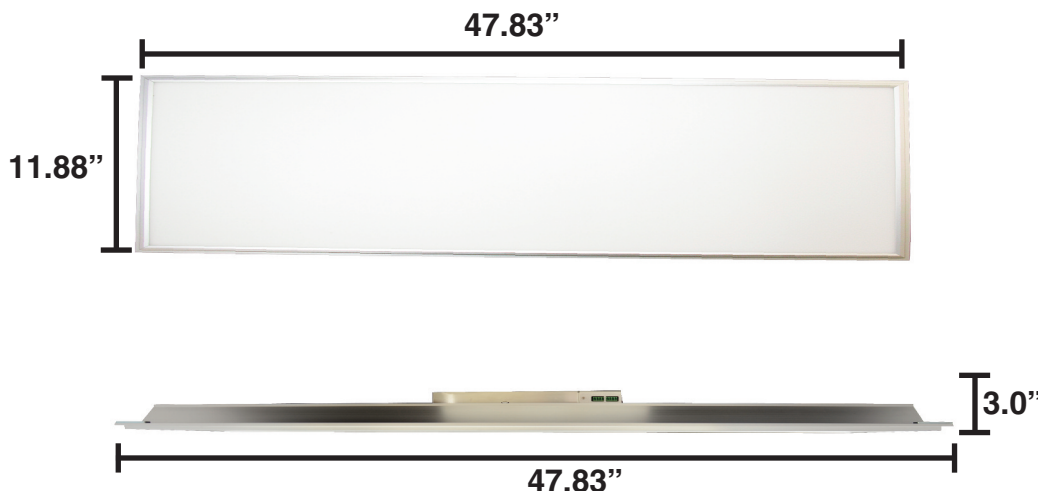
MASTER / SATELLITE DEFINITION: Each panel has a Master/Satellite switch on the back. During mounting, one fixture in the room should be switched to Master, and the others in the room should be switched to Satellite. With supplied regular RJ25 cord (telephone cords with telephone jacks), each fixture 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:
10.78" x 46.81"

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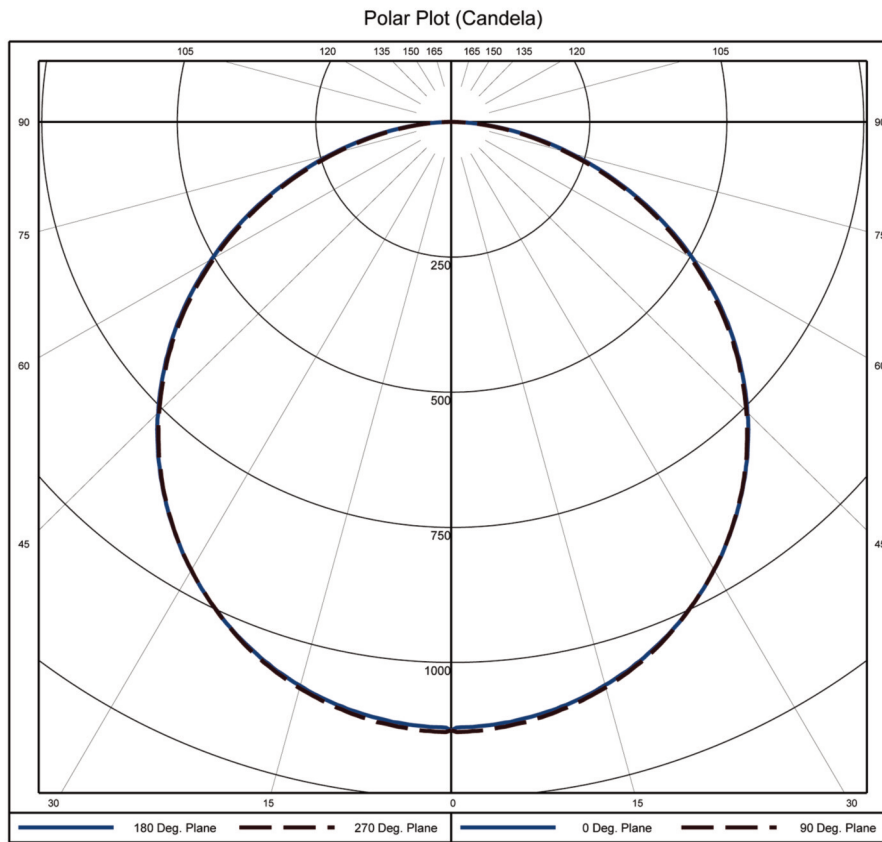
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PHOTOMETRICS:



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