DIRECT LIT LED 1X4 FLAT PANEL

PERFORMANCE SERIES

Typically used to replace fluorescent fixtures, the Performance Series LED Flat Panel 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	ROOMS SCHEDULE

FEATURES:

- Lumens delivered: 3500K CCT: 3680*
  4100K CCT: 3670
  5000K CCT: 3670
- 45 watts
- 50,000 hour life at L70 standards
- 9.8 lbs.
- Standard dimming: 0-1-10V
- Optional dimming: IR Remote
- 5 year limited warranty
- CRI: >84
- Fits standard T-bar and narrow grid drop ceilings
- LM79 test data is available online
- Also available in 2'x2' and 2'x4'
- Standard white finish

CONTROL:

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

CONSTRUCTION:

- The face frame is polycarbonate, and the housing is steel, providing heat sink and thermal control capabilities
- Lens is translucent white polystyrene
- Profile, including the control box, is 4.0 inches
- Unique mounting gives flush-fit in drop ceiling
- Modular construction for easy replacement of drivers or light boards

ACCESSORIES:

Order Number	Model Number	Short Description
71119	MLCHKSQ	Cable hung kit
71372	MLSMKFP14D	Surface mount kit 1x4 direct lit

LUMINAIRE ORDERING INFORMATION:

Watts	Order Number	Model Number	Lumens	CRI	Lamp Life (Hrs.)	Dimensions (L"xW"xH")	CCT
45	71504	MLFP14DP4535	3680**	>84	50,000	47.8" x 11.8" x 4.0"	3500
	71503	MLFP14DP4541	3670				4100
	71505	MLFP14DP4550	3670				5000

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

OPTIONS:

Add option's suffix (below) to model numbers (above) when ordering options. **(ie: MLFP14DP4535RD)**

Option's Suffix	Description	Comments
RD	Remote driver	Allowing for an installation depth of just 2.6 inches
EM	Emergency battery	90 min. @ 30% output

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

Revised: 9-12-14

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maxLED by MAXLITE

SPECIFICATIONS:

Item	Specification	MLFP14DP4535*	MLFP14DP4541*	MLFP14DP4550*
General Performance	Spacing Criteria	Available upon request		
	Color Temperature	3500K	4100K	5000K
	Lumens	3680*	3670	3670
	Efficacy	81 lm/w	81 lm/w	81 lm/w
	Color Consistency	Proprietary binning for uniform color		
	Lumen Maintenance (L70)	50,000 hours		
Electrical	Power Factor	Over 95%		
	Input Voltage	120V-277V 50/60 Hz		
	Power Consumption	45 watts (nominal)		
Control	Dimming Switch	Standard 0-1-10V dimming Optional IR Dimming		
	Linking Lengths/Qty.	15 cable feet x 20 panels		
Physical	Dimensions (+/-1/16")	47.8" x 11.8" x 4.0"		
	Weight	9.8 lbs.		
	Housing	Steel		
	Optics	Polystyrene diffusion		
	Mounting	Fits standard grid for drop ceilings		
	Operating Temperature	-20˚C to 50˚C		
	Humidity	20% - 85% RH, non condensing		
Certification	Certification	ETL, cETL		
	Material Usage	RoHS compliant; no mercury		
	Environment	Indoor use		

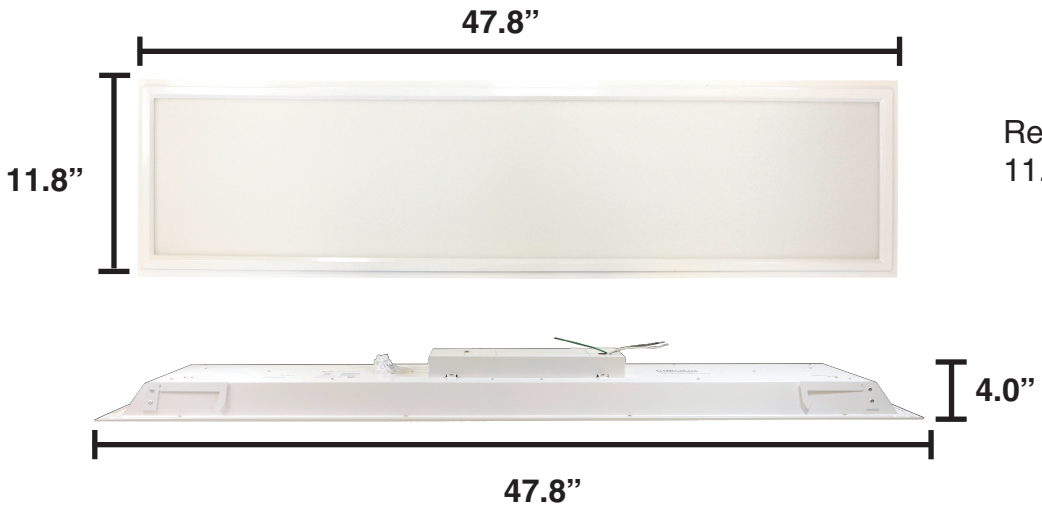
Lighting layouts and spacing criteria available upon request

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.

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 20 units. With one click, all the units can be turned on, dimmed and turned off. IR dimming is optional, see page 1 for ordering information.

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 0-1-10V and IR.

DIMENSIONS:



Reveal Dimensions:
11.4" x 47.4"

SUPPORTS T24 COMPLIANCE

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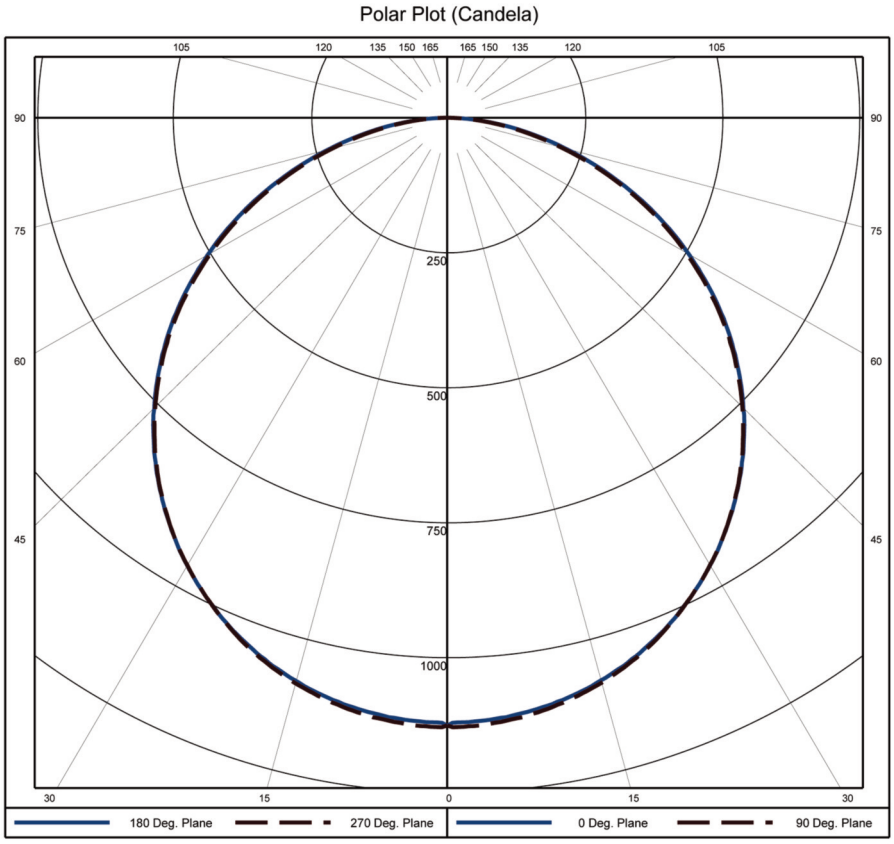
PHOTOMETRICS:



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