

Direct Lit LED 1X4 Flat Panel

SAVER SERIES



Typically used to replace 2'x2' and 2'x4' fluorescent fixtures, the Direct Lit LED Flat Panel Saver 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

ROOMS
SCHEDULE

FEATURES:

- Lumens delivered: 3500K CCT: 3430
4100K CCT: 3550
5000K CCT: 3500
- 40 watts nominal
- 50,000 hour life at L70 standards
- 9.25 lbs.
- Features 0-1-10v Simple Dimming*
- Optional dimming: IR Remote
- Five year limited warranty
- CRI: >82
- 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
- Translucent white polystyrene face frame
- Includes integrated seismic clips
- Suitable for damp locations

CONTROL:

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

*Simple Dimming Drivers eliminate the questions and hassle associated with dimming LEDs. MaxLite saver series Direct Lit panels don't require a power pack or separate switch to shut off. Simply select any fluorescent or LED 0-10v dimming control and the driver will automatically shut off when the control reaches the bottom of its' range.



CONSTRUCTION:

- Face frame is satin polycarbonate
- Housing is steel
- 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
- Fixtures are Type IC rated for contact with insulation after installation

LUMINAIRE ORDERING INFORMATION:

| Watts | Order Number | Model Number | Lumens | Lamp Life (Hrs.) | Dimensions (L"xW"xH") | CCT |
|-------|--------------|--------------|--------|------------------|-----------------------|------|
| 40 | 72589 | MLFP14DS4035 | 3430 | 50,000 | 47.8" x 11.8" x 4.0" | 3500 |
| 40 | 72590 | MLFP14DS4041 | 3550 | 50,000 | 47.8" x 11.8" x 4.0" | 4100 |
| 40 | 72591 | MLFP14DS4050 | 3500 | 50,000 | 47.8" x 11.8" x 4.0" | 5000 |

MAX13074



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SPECIFICATIONS:

| ITEM | SPECIFICATION | DETAILS | | |
|---------------------|-------------------------|---|---------|---------|
| General Performance | Spacing Criteria | Available upon request | | |
| | Color Temperature (CCT) | 3500 | 4100 | 5000 |
| | Lumens Delivered | 3431 | 3551 | 3503 |
| | Efficacy (LM/W) | 85 lm/w | 89 lm/w | 89 lm/w |
| | CRI | >82 | | |
| | Color Consistency | Proprietary binning for uniform color | | |
| | Lumen Maint. (L70) | 50,000 hours | | |
| Electrical | Power Factor | Over 92% | | |
| | Input Voltage | 120V-277V 50/60 Hz | | |
| | Power Consumption | 40 watt Nnominal | | |
| Control | Dimming Switch | Standard 0-1-10V dimming Optional IR Dimming | | |
| | Linking Lengths/Qty | 15 cable feet x 20 panels | | |
| Physical | Dimensions | 47.8" x 11.8" x 4.0" | | |
| | Weight | 9.25 lbs | | |
| | Housing | Steel | | |
| | Lens | Translucent white styrene | | |
| | Mounting | Fits standard grid for drop ceilings | | |
| | Operating Temperature | -30°F to 130°F (-2-c to 50c) | | |
| | Humidity | 20% - 85% RH, non condensing | | |
| Certification | Certification | cETLus, FCC, LM79, LM80 | | |
| | Material Usage | RoHS compliant; no mercury | | |
| | Environment | Damp locations | | |
| | LED Class | L70 rated to 50,000 hours | | |
| | Warranty | 5 year | | |

**** The data shown is preliminary: please contact MaxLite for the most recent report data.**

OPTIONAL ACCESSORIES:

| Order Number | Model Number | Short Description |
|--------------|--------------|----------------------------------|
| 70818 | MLFPPK1X4 | Flange mounting kit |
| 71583 | MLFPIRK | IR control kit |
| 71119 | MLCHKSQ | Cable hung kit |
| 71372 | MLSMKFP14D | Surface mount kit 1x4 direct lit |

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.

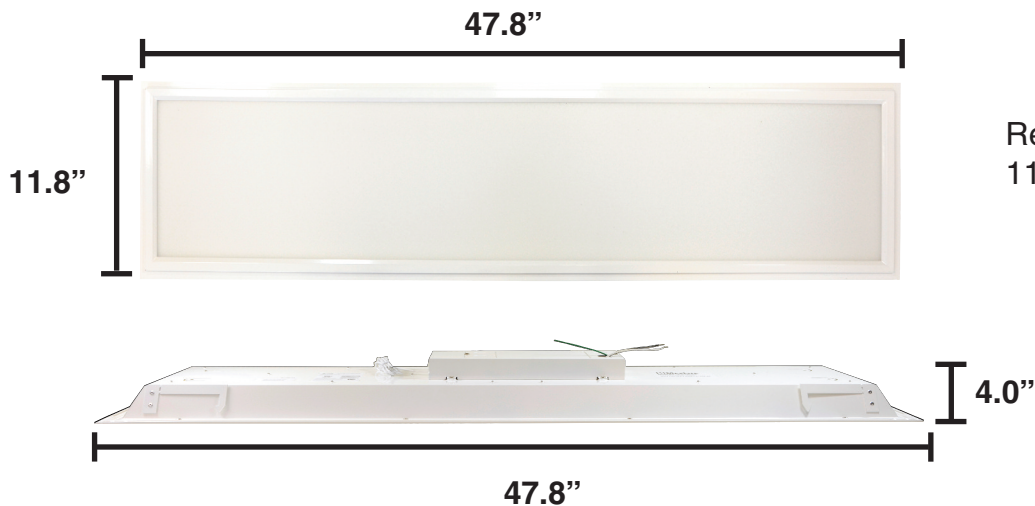


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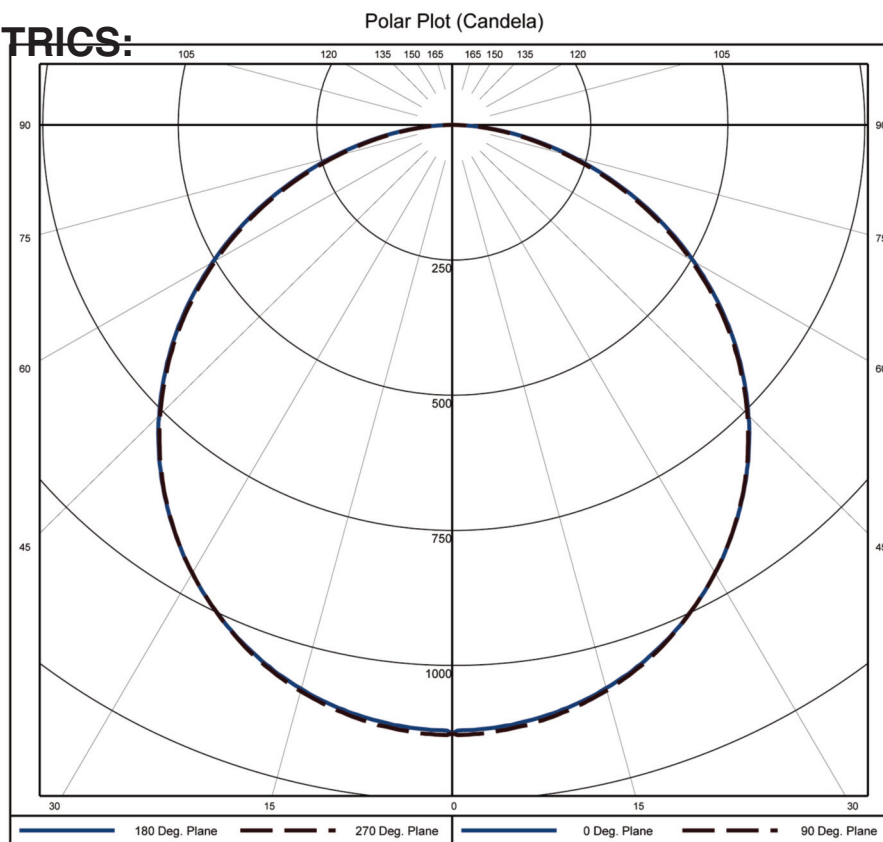
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DIMENSIONS:



PHOTOMETRICS:



Lighting layouts and spacing are criteria available upon request.

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

