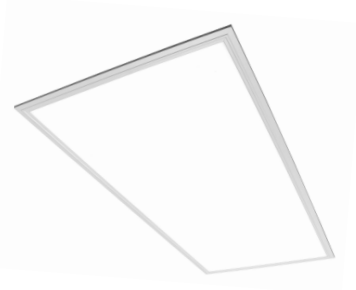


**LED FLAT PANEL EDGE LIT**

MLFP SERIES G2



2x2



2x4



**PRODUCT DESCRIPTION:**

Typically used to replace 2'x2' and 2'x4' fluorescent fixtures, the FlatMax Edge Lit LED Flat Panel 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 are low maintenance and constructed without hazardous materials

**FEATURES:**

- Standard dimming: 0-10V dimming
- CRI: ≥80
- Fits standard T-bar and narrow grid drop ceilings
- Available in 2'x2' and 2'x4' sizes
- Standard white finish
- IC Rated for direct insulation contact

**APPLICATION**

FlatMax Edge Lit LED Flat Panels are the ideal energy-efficient replacements for fluorescent fixtures in offices, schools, hospitality, healthcare, and other commercials and industrial applications that require slim installation depth.

| MODEL SELECTION (Full list of order codes on pg. 2) |                            |                    | Typical order example: MLFP22EP3541EM/V2 |  |               |
|---|----------------------------|--------------------|--|--|---------------|
| MLFP  |                            |                    |  |  | /V2           |
| FAMILY  | SIZE                       | WATTAGE (NOMINAL)  | CCT                                      | OPTIONS  | VERSION       |
| MLFP= Flat Panel Edge Lit                           | 22EP= 2'X2'<br>24EP= 2'X4' | 35= 35W<br>48= 48W | 35= 3500K<br>41= 4100K<br>50= 5000K      | (OMIT)= None<br>EM= Battery Backup Unit<br>MS= Motion Sensor | /V2= Version2 |

**NOTES:**

1. In the event of a power failure, the battery backup unit switches to emergency mode and operates the fixture for at 800 lumens for a minimum of 90 minutes

**OPTIONAL ACCESSORIES:**

| ORDER CODE | MODEL NUMBER   | DESCRIPTION  |
|------------|----------------|--|
| 99969      | MLFPFK2X2-215  | 2x2 Flat Panel Flange Kit                                      |
| 99970      | MLFPFK2X4-215  | 2x4 Flat Panel Flange Kit                                      |
| 100996     | MLSMKFP22E-215 | 2x2 Edge Lit Surface Mount Kit                                 |
| 100997     | MLSMKFP24E-215 | 2x4 Edge Lit Surface Mount Kit                                 |
| 102258     | MLCHK2X2-215   | Cable Hanging Kit for 2x2 Edge Lit Flat Panel (4 Wires)        |
| 102259     | MLCHK2X4-215   | Cable Hanging Kit for 1x4 or 2x4 Edge Lit Flat Panel (6 Wires) |
| 108133     | RMHYTHRC-05    | Remote Control for Sensor Commissioning                        |

**SPECIFICATIONS:**

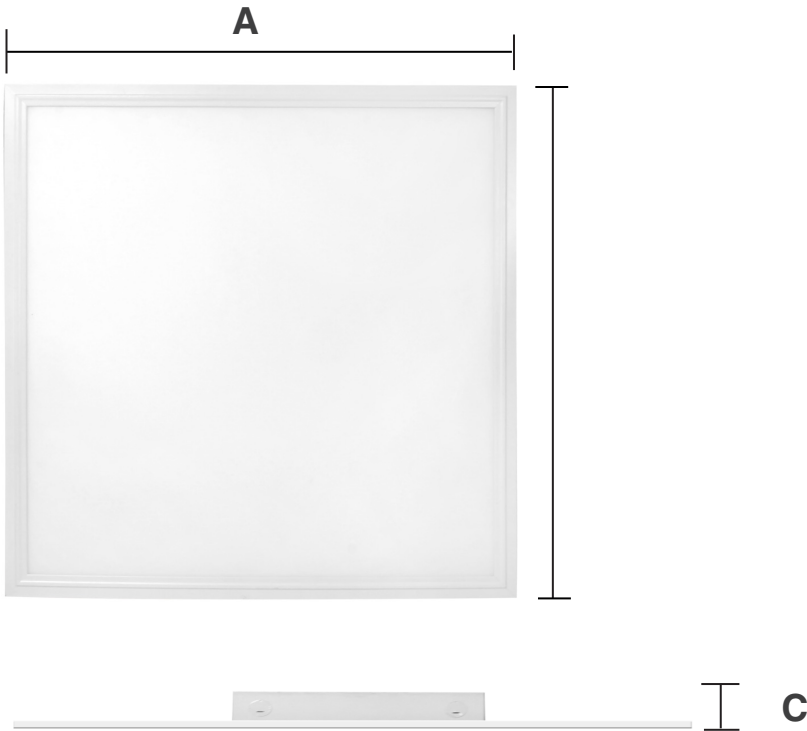
|                     |                       | MLFP22EP<br>3535/V2                               | MLFP22EP<br>3541/V2 | MLFP22EP<br>3550/V2 | MLFP24EP<br>4835/V2 | MLFP24EP<br>4841/V2 | MLFP24EP<br>4850/V2 |
|---------------------|-----------------------|---|---------------------|---------------------|---------------------|---------------------|---------------------|
| ITEM                | SPECIFICATION         | DETAILS   |                     |                     |                     |                     |                     |
| GENERAL PERFORMANCE | Power Consumption (W) | 34.9W   | 34.9W               | 33.0W               | 46.3W               | 46.4W               | 46.0W               |
|                     | Lumens Delivered (lm) | 4,280lm   | 4,279lm             | 4,285lm             | 5,735lm             | 5,667lm             | 5,860lm             |
|                     | Efficacy (lm/W)       | 122.6lm/W   | 122lm/W             | 130.1lm/W           | 123.8lm/W           | 122lm/W             | 127.4lm/W           |
|                     | CRI                   | ≥80   |                     |                     |                     |                     |                     |
|                     | Color Temperature (K) | 3500, 4100, 5000                                  |                     |                     |                     |                     |                     |
|                     | L70 Lifetime (hours)  | 50,000  |                     |                     |                     |                     |                     |
|                     | Color Consistency     | Proprietary binning for uniform color             |                     |                     |                     |                     |                     |
| ELECTRICAL          | Power Factor          | 0.99  |                     |                     |                     |                     |                     |
|                     | Input Voltage         | 120-277V  |                     |                     |                     |                     |                     |
|                     | Compatible Dimmers    | Designed to be compatible with most 0-10V dimmers |                     |                     |                     |                     |                     |
| PHYSICAL            | Weight                |   |                     |                     |                     |                     |                     |
|                     | Mounting              | Mounts into existing recessed frame               |                     |                     |                     |                     |                     |
|                     | Operating Temperature | -4°F to 104°F                                     |                     |                     |                     |                     |                     |
|                     | Humidity              | 20-85% RH, non-condensing                         |                     |                     |                     |                     |                     |
| QUALIFICATION       | Qualification         | cULus, FCC, DLC 4.1 Premium                       |                     |                     |                     |                     |                     |
|                     | Material Usage        | RoHS compliant; no mercury                        |                     |                     |                     |                     |                     |
|                     | Environment           | Indoor Damp / IC rated                            |                     |                     |                     |                     |                     |
|                     | Warranty              | 5 year standard                                   |                     |                     |                     |                     |                     |

Lighting layouts and spacing criteria available upon request

**ORDERING:**

| ORDER CODE | MODEL NUMBER      | WATTAGE | CCT   |
|------------|-------------------|---------|-------|
| 1410185    | MLFP22EP3535/V2   | 35W     | 3500K |
| 1410179    | MLFP22EP3535MS/V2 |         |       |
| 1410186    | MLFP22EP3541/V2   |         | 4100K |
| 1410180    | MLFP22EP3541MS/V2 |         |       |
| 1410187    | MLFP22EP3550/V2   |         | 5000K |
| 1410181    | MLFP22EP3550MS/V2 |         |       |
| 1410188    | MLFP24EP4835/V2   | 48W     | 3500K |
| 1410182    | MLFP24EP4835MS/V2 |         |       |
| 1410189    | MLFP24EP4841/V2   |         | 4100K |
| 1410183    | MLFP24EP4841MS/V2 |         |       |
| 1410190    | MLFP24EP4850/V2   |         | 5000K |
| 1410184    | MLFP24EP4850MS/V2 |         |       |

**DIMENSIONS:**



| PRODUCT | A     | B     | C    |
|---------|-------|-------|------|
| 2x2     | 23.8" | 23.8" | 1.7" |
| 2x4     | 47.7" | 23.8" | 1.7" |