

## DESCRIPTION

Our Dual Selectable Backlit Panels are commercial luminaires that utilizes advanced driver technology to provide an all in one luminaire, providing 3 wattages and 3 CCT options in each size panel. This provides superior lighting performance while minimizing inventory by reducing the amount of stocking SKUs. They achieve high uniformity, DLC PREMIUM energy efficiency and reduced glare in typical T-bar grid ceiling applications.

Our state-of-the-art backlit LED technology utilizes PMMA lensing over the LEDs which will not discolor over time. The need for a light guide is eliminated, thus increasing photometric performance while keeping costs competitive. Combined with the rigid back enclosure that prevents warping in application, this luminaire is designed for worry-free longevity and reliability. Available with factory installed battery backup for 90 minutes emergency egress illumination.

## SPECIFICATIONS

### Construction

- Steel die-formed back-cover & frame, screw-less.

### Optics

- PMMA lens over LEDs, PS diffuser
- 120° Beam angle
- 3CCT Selectable 3500K/4000K/5000K

### Electrical

- 0-10VDC Dimming (10%-100%)

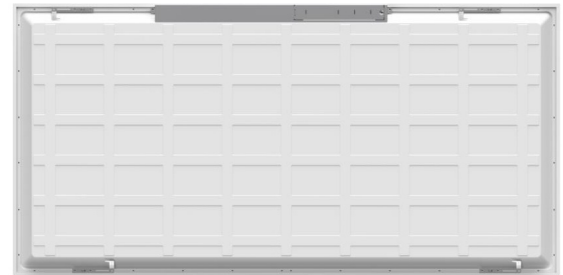
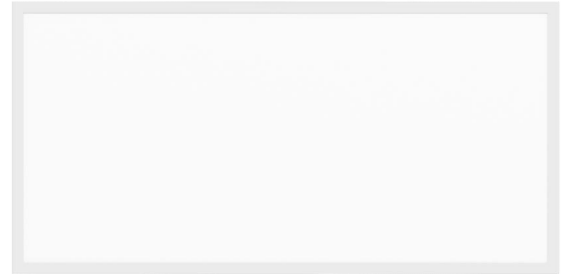
### Certifications

- UL Listed for Damp Locations
- IC Rated for insulated ceilings
- RoHS, FCC
- DLC PREMIUM
- 5°F to 120°F

### Warranty

- 5 Years

|          |      |
|----------|------|
| Project: | Date |
| Type:    |      |
| Model:   |      |



## ORDER INFORMATION

EXAMPLE: MFP-24-WS50-Y-CCTS



| Series                    | Size      | Wattage Selectable                           | Voltage       | CCT   | Emergency Battery Backup  |
|---------------------------|-----------|--|---------------|---|---|
| MFP<br>Back-lit<br>Panels | 22<br>2x2 | WS40<br>Wattage Selectable<br>(20 / 30 / 40) | Y<br>120-277V | CCTS<br>Color Temperature Selectable<br>(3500K / 4000K / 5000K) | (Blank)<br>w/o Battery Backup   |
|                           | 24<br>2x4 | WS50<br>Wattage Selectable<br>(30 / 40 / 50) |               |   | EB<br>Emergency Battery Backup<br>(90 minutes of illumination when AC power is removed) |
|                           | 14<br>1x4 | WS40<br>Wattage Selectable<br>(20 / 30 / 40) |               |   |   |

Enter configuration:

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

# MFP Series / Back-lit Panel

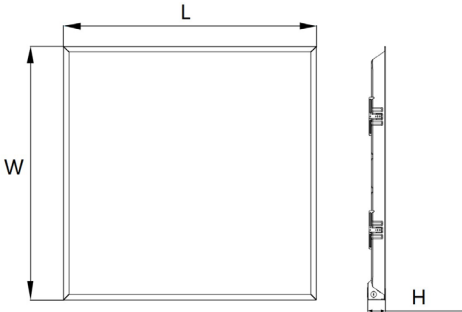
1x4, 2x4, 2x2 / Wattage & CCT Selectable



## PERFORMANCE DATA

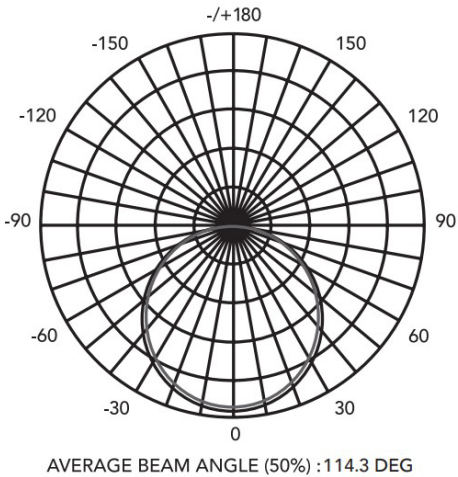
| Series          | MFP22 (2x2) & MFP14 (1x4) |       |       |       | MFP24 (2x4) |       |
|-----------------|---------------------------|-------|-------|-------|-------------|-------|
| Wattage         | 20                        | 30    | 40    | 30    | 40          | 50    |
| CCT             | 3500K                     | 4000K | 5000K | 3500K | 4000K       | 5000K |
| Lumens          | 2,500                     | 3,750 | 5,000 | 3,750 | 5,000       | 6,250 |
| Efficacy (LPW)  | 125                       |       |       | 125   |             |       |
| Power Supply    | Class2 with 2.5KV         |       |       |       |             |       |
| CRI             | 80                        |       |       |       |             |       |
| Input Voltage   | 120-277VAC 50/60Hz        |       |       |       |             |       |
| Certifications  | UL Listed, FCC, RoHS      |       |       |       |             |       |
| Operating Temp. | -5°F to 120°F             |       |       |       |             |       |
| PF / THD        | >0.9, <20%                |       |       |       |             |       |
| Dimming         | 0-10V (5%-100%)           |       |       |       |             |       |

## DIMENSIONS



| Size (FT) | LxWxH                   |
|-----------|-------------------------|
| 2x2       | 23.74" x 23.74" x 1.42" |
| 1x4       | 47.76" x 11.93" x 1.42" |
| 2x4       | 47.76" x 23.74" x 1.42" |

## PHOTOMETRICS









## MFP Series / Back-lit Panel

1x4, 2x4, 2x2 / Wattage & CCT Selectable



### ACCESSORIES (Surface Mount kit & Flange kit)

| Series    | Description   |  |
|-----------|---|--|
| MFP24-SMK | 2X4 Surface Mount Kit, White Finish<br>48 X 24 X 2.8 inch   |  |
| MFP22-SMK | 2X2 Surface Mount Kit, White Finish<br>24 X 24 X 2.8 inch   |  |
| MFP14-SMK | 1X4 Surface Mount Kit, White Finish<br>48 X 12.2 X 2.8 inch |  |

| Series    | Description   |  |
|-----------|---|--|
| MFP24-DWK | 2X4 Flange Kit, White Finish,<br>49.1 X 25.1 X 0.8 inch |  |
| MFP22-DWK | 2X2 Flange Kit, White Finish,<br>25.1 X 25.1 X 0.8 inch |  |
| MFP14-DWK | 1X4 Flange Kit, White Finish,<br>49.1 X 13.2 X 0.8 inch |  |