

## FEATURES AND BENEFITS

- Provides even illumination with minimal glare creating one of the highest visual comfort ratings in the industry
- Extremely thin allowing it to be installed in any ceiling space
- Utilizes high quality LEDs that are binned to within three MacAdam ellipses to ensure color consistency
- Well controlled LED temperatures ensures color and output stability and long life
- Extruded aluminum frame with white powder coat finish and mitered corners eliminate light leak
- Compatible with most wireless control systems
- IC Rated for direct insulation contact
- Certified to ISO 14644-1 for clean rooms
- DLC listed qualifying it for rebates across the country
- Options available: Battery backup, surface and pendant mount, colored frames

LUZ



Recessed Grid  
Panel Luminaire

## MECHANICAL

**Housing:** Constructed of sheet and extruded aluminum alloy. Extruded aluminum frame is white powder coated finish.

**Lens/Di user:** Matte finish opal sheet, optically designed to provide the highest visual comfort and exceptional light distribution.

## ELECTRICAL

**LED Light Engine:** High efficacy, long-life LED modules provide excellent illumination both qualitatively and quantitatively. Rated to deliver L70 performance for >50,000 hours. Excellent color rendering with >80 CRI.

**LED Driver:** Available with a variety of dimming options. (See ordering key for details.)

|                   | TECHNICAL DATA |      |      |      |      |      |      |  |
|-------------------|----------------|------|------|------|------|------|------|--|
|                   | 2x2            |      |      | 2x4  |      |      | 1x4  |  |
| LUMEN PACKAGE     | 2400           | 3200 | 4000 | 4000 | 5000 | 7500 | 3500 |  |
| NOMINAL WATTAGE   | 20             | 30   | 40   | 35   | 50   | 75   | 35   |  |
| EFFICACY (LM/W)   | 120            | 107  | 100  | 115  | 100  | 100  | 100  |  |
| CRI               | >80            | >80  | >80  | >80  | >80  | >80  | >80  |  |
| COLOR CONSISTENCY | <3             | <3   | <3   | <3   | <3   | <3   | <3   |  |
| INPUT FREQUENCY   | % Hz           | % Hz | % Hz | % Hz | % Hz | % Hz | % Hz |  |
| POWER FACTOR      | >0.9           | >0.9 | >0.9 | >0.9 | >0.9 | >0.9 | >0.9 |  |
| LUMEN MAINTENANCE | <85            | <85  | <85  | <85  | <85  | <85  | <85  |  |
| THD               | <10%           | <10% | <10% | <10% | <10% | <10% | <10% |  |

## WARRANTY

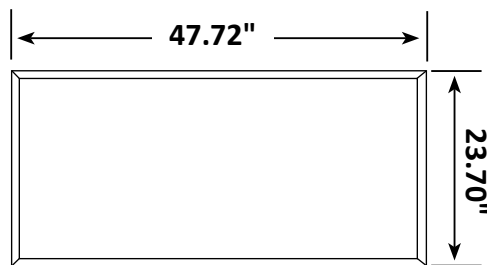
10 year limited warranty on luminaire. Pass through warranties on components when used in accordance with manufacturing guidelines. See [www.lumenoptix.com](http://www.lumenoptix.com) for details.

## LABELS & LISTINGS

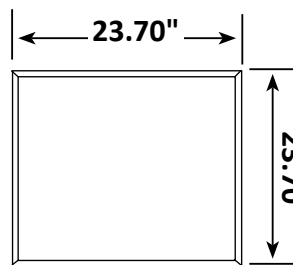
ISO 14644-1



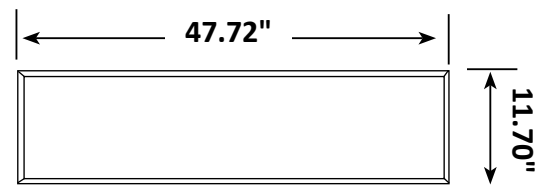
## DIMENSIONS & FIXTURE CONFIGURATIONS



2x4 TOP VIEW



2x2 TOP VIEW



1x4 TOP VIEW

Panel Depth 0.40"  
Panel & Driver Depth 2.50"

**MODEL NUMBER / ORDERING KEY**

| SERIES                                      | SIZE             | NOMINAL LUMENS            |                           |                           | LED TYPE/CRI   | COLOR TEMPERATURE         | DIMMING  | MOUNT TYPE  | FLANGE  |
|---|------------------|---------------------------|---------------------------|---------------------------|----------------|---------------------------|--|---|---|
| LUZ<br>LED Recessed Grid<br>Panel Luminaire | <b>22</b><br>2x2 | <b>2x2</b><br>2400 lumens | <b>2x4</b><br>4000 lumens | <b>1x4</b><br>3500 lumens | EA8<br>> 80CRI | <b>35K</b><br>3500 Kelvin | <b>DU1</b><br>0-10V dimming<br>(120V-277V)<br><br><b>DU5<sup>1</sup></b><br>Lutron® 3 wire<br>dimming<br>(120V-277V)<br><br><b>DU6</b><br>Lutron® EcoSystem<br>dimming (120V-277V)<br><br><b>D13<sup>1</sup></b><br>2 wire leading edge<br>dimming (120V)<br><br><i>For other voltages and<br/>dimming options, consult<br/>factory.</i><br><br><sup>1</sup> Not available with 5000 lumen<br>or greater option. | <b>(Blank or KG)</b><br>Recessed Grid<br><br><b>KS</b><br>Surface Mount<br><br><b>KQ</b><br>Pendant Quad Cable<br><br><b>KR</b><br>Pendant With Driver<br>In Canopy | <b>(Blank or FW)</b><br>White Flange<br><br><b>FB</b><br>Black Flange |
|   | <b>24</b><br>2x4 | <b>40</b>                 | <b>35</b>                 |                           |                | <b>40K</b><br>4000 Kelvin |  |   |   |
|   | <b>14</b><br>1x4 | <b>40</b><br>4000 lumens  | <b>75</b><br>7500 lumens  |                           |                | <b>50K</b><br>5000 Kelvin |  |   |   |
|   |                  |                           |                           |                           |                |                           |  |   |   |

| OPTIONS (Pre-installed when specified)   |   |
|--|---|
| EMERGENCY LIGHTING   | OTHER                                       |
| <b>(Blank or EBXX)</b><br>No emergency battery back-up installed<br><br><b>EB02</b><br>Emergency battery back-up | <b>(Blank or SXX)</b><br>No option included |

Product specifications subject to change without notice.  
For the most current spec sheet, visit our website [www.lumenoptix.com](http://www.lumenoptix.com).