

### Product Description

The 2' x 2' Illuminated Image Ceiling Light Panel System is a recessed Light Panel for use within a ceiling grid for interior architectural back-light for image tile illumination. It's versatile design allows it to be installed in multiple configurations. Certified to meet MRI vendor EMI requirements. MRI applications require EMI free emissions for specific frequency bands. All outputs are linear DC and no pulse width modulation (PWM\*).



### Properties

- Material: Uniform Light diffusing Acrylic
- Images: Stock image Library / Customer Supplied Photography

| Mechanical         |         |                 |         |        |
|--------------------|---------|-----------------|---------|--------|
|                    | Minimum | Typical         | Maximum | Units  |
| Overall Dimensions | -       | 24 1/8 x 24 1/8 | -       | inches |
| Product Weight     | -       | -               | 8       | lbs    |

| Electrical    |         |         |         |        |
|---------------|---------|---------|---------|--------|
|               | Minimum | Typical | Maximum | Units  |
| Input Voltage | -       | 36      | -       | Vdc    |
| Input Current | -       | 1.1     | -       | A      |
| Input Power   | -       | 40      | -       | W      |
| Heat          | -       | 136     | -       | BTU/hr |

| Compliance            |         |         |         |  |
|-----------------------|---------|---------|---------|--|
|                       | Minimum | Typical | Maximum | Units                                  |
| Regulatory Compliance | -       | Listed  | -       | UL 8750<br>UL 2108<br>CSA C22.2#250.13 |
| CE                    | -       | Pending | -       | -                                      |
| RoHS                  | -       | Pending | -       | 2011/65/EU                             |

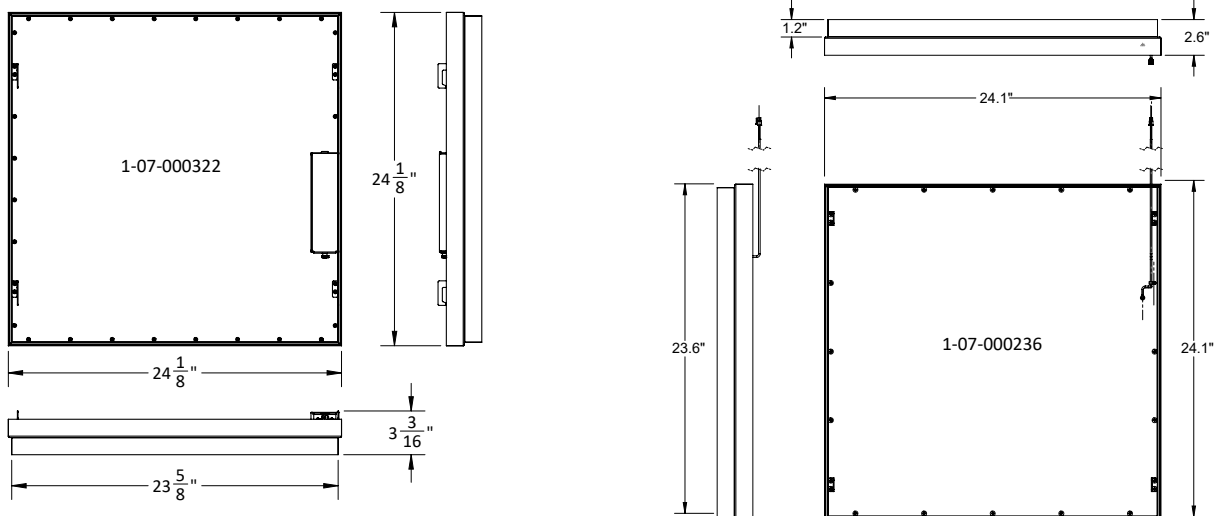
| Environmental         |         |         |         |       |
|-----------------------|---------|---------|---------|-------|
|                       | Minimum | Typical | Maximum | Units |
| Storage Temperature   | -40     | 25      | 85      | C     |
| Operating Temperature | -20     | 25      | 35      | C     |
| Humidity              | 5       | -       | 95      | %     |
| Warranty              | 3       | -       | -       | Years |

| Installation Notes  |  |  |  |  |
|---|--|--|--|--|
| An RF Filter is required for proper operation in the MRI suite          |  |  |  |  |
| *PWM is known to cause image artifacts, audible noise and light flicker |  |  |  |  |

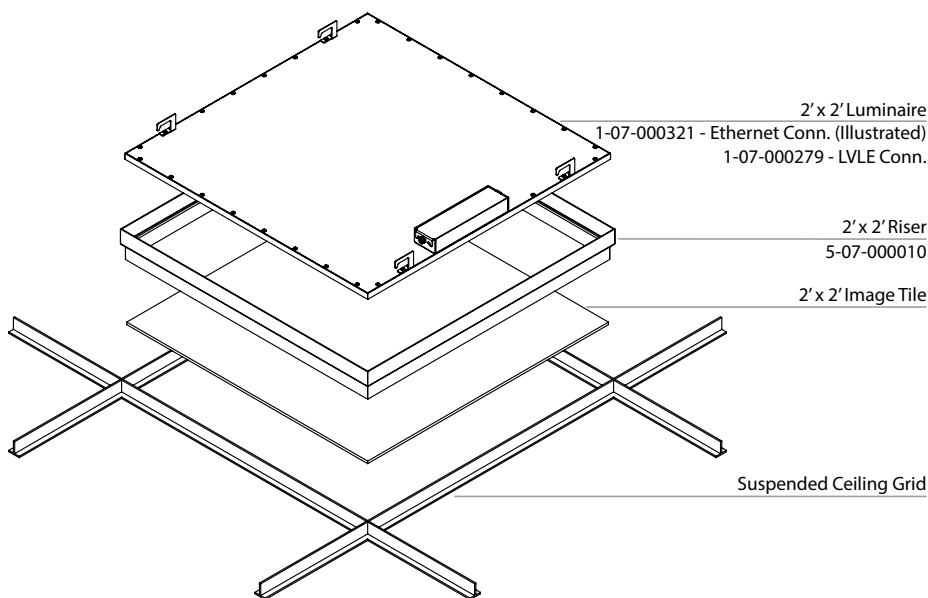
### Ordering Information

| Part Number | Description  | Ratings                |
|-------------|--|------------------------|
| 1-07-000322 | 2' x 2' Ceiling Panel with Riser and Ethernet Connection | Class 2 as per UL 1310 |
| 1-07-000236 | 2' x 2' Ceiling Panel with Riser and LVLE Connection     | Class 1 as per UL 2108 |

### Mechanical Dimensions\*



### Mechanical Dimensions\* - Enlarged View



### Standard Grid Layouts

| Layout | Size    | No. of Fixtures |
|--------|---------|-----------------|
| A      | 2' x 2' | 1               |
| B      | 2' x 4' | 2               |
| C      | 4' x 4' | 4               |
| D      | 4' x 6' | 6               |
| E      | 6' x 6' | 9               |
| F      | 6' x 8' | 12              |
| G      | 8' x 8' | 16              |

\*For informational purposes only. Content subject to change.