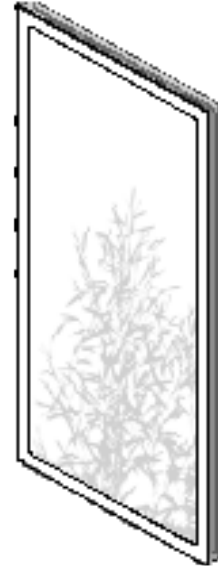


# Solar Series - MRI

## 4' x 8' RGB Slim

# LED Illuminated Image Wall Fixture

## MRI Compatible



### Product Description

The LED Illuminated Wall Fixture is designed for MRI suite applications. It is a non-ferrous assembly which can be mounted within the MRI room. It is pre-engineered with easy installation textured lenses and can have applied artwork image graphics. Contains no on-board electronics therefore will not interfere with MRI imaging. Certified to meet MRI vendor EMI requirements. MRI applications require EMI free emissions for specific frequency bands. All drive circuitry employs linear regulation and no pulse width modulation (PWM\*).

### Properties

- Lens - Uniform LED Light Diffusing Polymer
- Housing - Wood Frame Construction
- Trim - Laminated

| Mechanical           |         |                             |         |        |
|----------------------|---------|-----------------------------|---------|--------|
|                      | Minimum | Typical                     | Maximum | Units  |
| Installation         | -       | Direct Wall Attachment Tabs | -       | -      |
| Dimensions (Fixture) | -       | 90 x 48 x 2.75              | -       | inches |
| Dimensions (Trim)    | -       | 90 x 48                     | -       | inches |
| Fixture Weight       | -       | <100                        | -       | lbs    |

| Electrical    |         |         |         |       |
|---------------|---------|---------|---------|-------|
|               | Minimum | Typical | Maximum | Units |
| Input Voltage | -       | 12      | -       | Vdc   |
| Input Current | -       | 12.5    | -       | A     |
| Input Power   | -       | 150     | -       | W     |

| Compliance            |         |         |         |              |
|-----------------------|---------|---------|---------|--------------|
|                       | Minimum | Typical | Maximum | Units        |
| IP                    | 25      | -       | -       | Dry Location |
| Regulatory Compliance | -       | Listed  | -       | UL 8750      |
| 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      | %     |
| Lifespan              | 50000   | -       | -       | Hours |
| Warranty              | 3       | -       | -       | Years |

| Installation Notes  |  |  |  |  |
|---|--|--|--|--|
| An Amico RF Filter is required for proper operation in the MRI suite    |  |  |  |  |
| An Amico Power Supply 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    |
|-------------|----------------|
| 1-07-000466 | Left Blossom   |
| 1-07-000467 | Right Blossom  |
| 1-07-000468 | Left Bamboo    |
| 1-07-000469 | Right Bamboo   |
| 1-07-000470 | Left Custom    |
| 1-07-000471 | Right Custom   |
| 3-07-000133 | Wall Box Frame |

### Photometric Data and IES Distribution

|                                | Minimum | Typical | Maximum | Units |
|--------------------------------|---------|---------|---------|-------|
| Luminous Intensity (Red)/LED   | 400     | -       | -       | mcd   |
| Luminous Intensity (Green)/LED | 900     | -       | -       | mcd   |
| Luminous Intensity (Blue)/LED  | 300     | -       | -       | mcd   |
| Wavelength (Red)               | -       | 620     | -       | nm    |
| Wavelength (Green)             | -       | 520     | -       | nm    |
| Wavelength (Blue)              | -       | 460     | -       | nm    |
| Viewing Angle                  | -       | 120     | -       | deg   |

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

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