

**DESCRIPTION**

The MAK Series MRI Suite LED Recessed Flat Panel is constructed of non-ferrous materials and features remote mounted drivers for use in MRI imaging rooms. It is certified for ISO 5 environments and cETL Listed for Wet Locations. Offered in 1' x 4', 2' x 2', and 2' x 4' sizes, it offers static CCTs between 2700K-5000K and lumen packages from 5,000 to 13,000 lumens. The MAK delivers high-performance illumination and easily installs in most T-bar grid ceilings.

**SPECIFICATIONS**

**Construction:**

- 14ga Aluminum enclosure with non-ferrous material within enclosure
- Die-formed, TIG and spot welded
- Durable TGIC polyester powder coating featuring a 5-stage pre-treatment for superior adhesion and corrosion protection
- Available in White or Antimicrobial White Paint that inhibits growth of bacteria on the fixture surface
- Closed-cell gasket completely seals the doorframe and the housing

**Optics/LEDs:**

- Diffused lens for uniform LED diffusion
- Lumen packages from 5,000 to 13,000 lumens
- 2700K, 3000K, 3500K, 4000K or 5000K CCT
- CRI ≥ 82, optional 90 CRI (Option: 90)
- Efficacy up to 165 lumens per watt
- L70 > 100,000 hours

**Electrical:**

- Remote mounted power supply available with up to 9 drivers (Sold Separately: [MRD](#))

**Installation:**

- Recessed grid mounting
- Recessed design fits most standard T-bar grid ceilings

**Options:**

- High color-rendering LEDs with ≥90 CRI for improved color accuracy (Option: 90)

**Testing & Compliance:**

- cETL Listed for Wet Locations
- IP65 Rated
- ISO 5 Certified
- Buy American Act compliant
- Build America, Buy America Act compliant
- IC Rated
- Operating temperatures: -30°C to 50°C (-22°F to 122°F)

**Warranty:**

- Five Year Warranty (Terms and Conditions Apply)

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
Accessories: \_\_\_\_\_  
Job Name: \_\_\_\_\_ Type: \_\_\_\_\_



| Specs at a Glance     |   |           |                |
|-----------------------|---|-----------|----------------|
| <b>Model</b>          | MAK-14  | MAK-22    | MAK-24         |
| <b>Wattage (W)*</b>   | 31W - 55W   | 31W - 55W | 31W - 81W      |
| <b>Lumens (lm)</b>    | 5,000 - 8,000   |           | 5,000 - 13,000 |
| <b>Efficacy (LPW)</b> | Up to 165   |           |                |
| <b>CCT (K)</b>        | 2700K, 3000K, 3500K, 4000K or 5000K                       |           |                |
| <b>CRI</b>            | ≥82, Optional 90  |           |                |
| <b>Operating Temp</b> | -30°C to 50°C (-22°F to 122°F)                            |           |                |
| <b>Certifications</b> | cETL Listed for Wet Locations (IP65), BAA, BABA, IC Rated |           |                |
| <b>Warranty</b>       | 5 Years   |           |                |

\* Nominal Wattage, tested at 4000K CCT. See performance table for details.

Note: Environment and application will affect actual performance. Typical values and 25°C (77°F) used for testing. Specifications subject to change without notice.

**ORDERING INFORMATION** (Example: MAK-14-31-AS-1-27K-WH-90)

| Model <sup>1</sup> | Size                      | Wattage      | Lens                             | Circuits      | CCT         | Finish                   | Options (Factory Installed) |
|--------------------|---------------------------|--------------|----------------------------------|---------------|-------------|--------------------------|-----------------------------|
| MAK                | 14 <sup>2</sup> = 1' x 4' | 31 = 31 Watt | AS = Asymmetric/Symmetric Optics | 1 = 1 Circuit | 27K = 2700K | AM = Antimicrobial White | 90 = 90 CRI                 |
|                    | 22 <sup>2</sup> = 2' x 2' | 55 = 55 Watt | PA1 = .125 Prismatic Acrylic     | 2 = 2 Circuit | 3K = 3000K  | WH = White               |                             |
|                    | 24 = 2' x 4'              | 68 = 68 Watt | S = Satin Lens                   |               | 35K = 3500K |                          |                             |
|                    |                           | 75 = 75 Watt |                                  |               | 4K = 4000K  |                          |                             |
|                    |                           | 81 = 81 Watt |                                  |               | 5K = 5000K  |                          |                             |

**Notes**

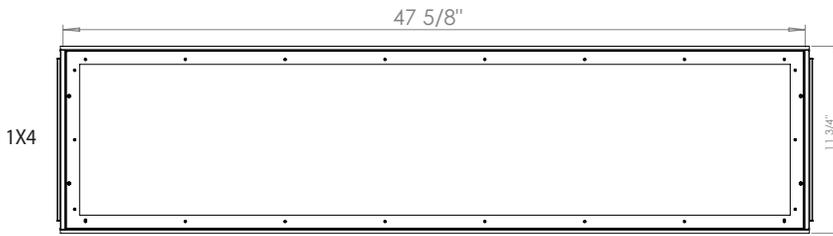
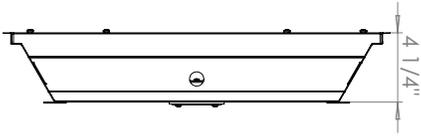
<sup>1</sup> Requires Remote Mounted Driver (Sold Separately: [MRD](#))

<sup>2</sup> Only available in 31 and 55 Watt

**PERFORMANCE DATA**

| Model     | Wattage | CCT   | Lumens | LPW | CRI |
|-----------|---------|-------|--------|-----|-----|
| MAK-XX-31 | 31.25W  | 2700K | 4550   | 146 | ≥82 |
| MAK-XX-31 | 31.25W  | 3000K | 4700   | 150 | ≥82 |
| MAK-XX-31 | 31.25W  | 3500K | 4850   | 155 | ≥82 |
| MAK-XX-31 | 31.25W  | 4000K | 5000   | 160 | ≥82 |
| MAK-XX-31 | 31.25W  | 5000K | 5150   | 165 | ≥82 |
| MAK-XX-55 | 55.2W   | 2700K | 7280   | 132 | ≥82 |
| MAK-XX-55 | 55.2W   | 3000K | 7520   | 136 | ≥82 |
| MAK-XX-55 | 55.2W   | 3500K | 7760   | 141 | ≥82 |
| MAK-XX-55 | 55.2W   | 4000K | 8000   | 145 | ≥82 |
| MAK-XX-55 | 55.2W   | 5000K | 8240   | 149 | ≥82 |
| MAK-XX-68 | 68.8W   | 2700K | 10010  | 145 | ≥82 |
| MAK-XX-68 | 68.8W   | 3000K | 10340  | 150 | ≥82 |
| MAK-XX-68 | 68.8W   | 3500K | 10670  | 155 | ≥82 |
| MAK-XX-68 | 68.8W   | 4000K | 11000  | 160 | ≥82 |
| MAK-XX-68 | 68.8W   | 5000K | 11330  | 165 | ≥82 |
| MAK-XX-75 | 75W     | 2700K | 10920  | 146 | ≥82 |
| MAK-XX-75 | 75W     | 3000K | 11280  | 150 | ≥82 |
| MAK-XX-75 | 75W     | 3500K | 11640  | 155 | ≥82 |
| MAK-XX-75 | 75W     | 4000K | 12000  | 160 | ≥82 |
| MAK-XX-75 | 75W     | 5000K | 12360  | 165 | ≥82 |
| MAK-XX-81 | 81.3W   | 2700K | 11830  | 146 | ≥82 |
| MAK-XX-81 | 81.3W   | 3000K | 12220  | 150 | ≥82 |
| MAK-XX-81 | 81.3W   | 3500K | 12610  | 155 | ≥82 |
| MAK-XX-81 | 81.3W   | 4000K | 13000  | 160 | ≥82 |
| MAK-XX-81 | 81.3W   | 5000K | 13390  | 165 | ≥82 |

DIMENSIONS



2X2

2X4

