MAL Series

MRI Suite LED Recessed Downlight

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

DESCRIPTION

The MAL Series MRI Suite LED Recessed Downlight is constructed of non-ferrous materials and features remote mounted drivers for use in MRI imaging rooms. Offered in both 5" and 8" aperatures, it offers static CCTs between 3000K-5000K and lumen packages from 1,000 to 4,300 lumens.

SPECIFICATIONS

Construction:

- 0.063" 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

Optics/LEDs:

- Diffused lens for uniform LED diffusion, outer clear tempered glass lens
- Lumen packages from 1,000 to 4,300 lumens
- 3000K, 3500K, 4000K or 5000K CCT
- CRI ≥ 80, optional 90 CRI (Option: 90)
- Efficacy up to 129 lumens per watt
- L70 > 100,000 hours

Electrical:

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

Options:

- High color-rendering LEDs with ≥90 CRI for improved color accuracy (Option: 90)
- IP65-rated sealed construction suitable for wet locations and high-pressure wash-down. (Option: WL)

Testing & Compliance:

- cETL Listed
- Optional Wet Location (Option: WL)
- Buy American Act compliant
- Build America, Buy America Act compliant
- Operating temperatures: -30°C to 50°C (-22°F to 122°F)

Warranty:

- Five Year Warranty (Terms and Conditions Apply)





OPTIONAL

Specs at a Glance		
Model	MAL-5	MAL-8
Wattage (W)*	8W - 37W	
Lumens (lm)	1,000 - 4,300	
Efficacy (LPW)	Up to 129	
CCT (K)	3000K, 3500K, 4000K or 5000K	
CRI	≥80, Optional 90	
Operating Temp	-30°C to 50°C (-22°F to 122°F)	
Certifications	cETL Listed, BAA, BABA, Optional Wet Locations (IP65)	
Warranty	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: MAL-5-8-TG-3K-WH-N-90)

Model[1]	Size	Wattage	Outer Lens	CCT	Housing Finish	Trim Finish	Options (Factory Installed)
MAL	5 = 5"	8 = 8 Watt	TG1 = .125 Clear Tempered Glass	3K = 3000K	AM = Antimicrobial White	BR = Bronze	90 = 90 CRI
	8 = 8"	20 = 20 Watt	TG2 = .187 Clear Tempered Glass	35K = 3500K	WH = White	GW = Gloss White	WL = Wet Location (IP65)
		30 = 30 Watt	TG3 = .250 Clear Tempered Glass	4K = 4000K		N = Nickel	
		37 = 37 Watt		5K = 5000K		WH = Matte White	

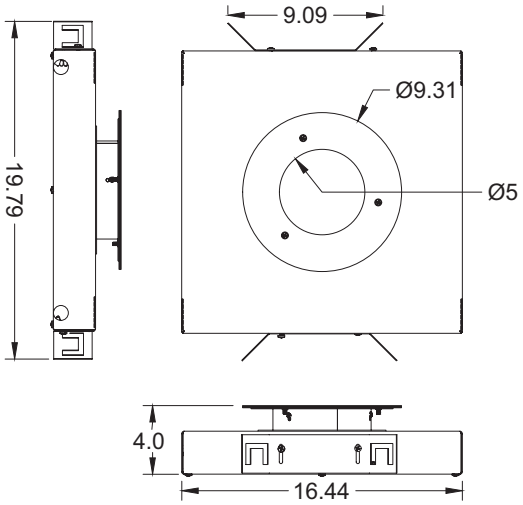
Notes

[1] Requires Remote Mounted Driver (Sold Separately: MRD)

PERFORMANCE DATA

Model	Wattage	CCT	Lumens	LPW	CRI
MAL-X-8	8W	2700K	910	114	≥80
MAL-X-8	8W	3000K	940	118	≥80
MAL-X-8	8W	3500K	970	121	≥80
MAL-X-8	8W	4000K	1000	125	≥80
MAL-X-8	8W	5000K	1030	129	≥80
MAL-X-20	20W	2700K	2275	114	≥80
MAL-X-20	20W	3000K	2350	118	≥80
MAL-X-20	20W	3500K	2425	121	≥80
MAL-X-20	20W	4000K	2500	125	≥80
MAL-X-20	20W	5000K	2575	129	≥80
MAL-X-30	30W	2700K	3185	106	≥80
MAL-X-30	30W	3000K	3290	110	≥80
MAL-X-30	30W	3500K	3395	113	≥80
MAL-X-30	30W	4000K	3500	117	≥80
MAL-X-30	30W	5000K	3605	120	≥80
MAL-X-37	37W	2700K	3913	106	≥80
MAL-X-37	37W	3000K	4042	109	≥80
MAL-X-37	37W	3500K	4171	113	≥80
MAL-X-37	37W	4000K	4300	116	≥80
MAL-X-37	37W	5000K	4429	120	≥80

MAL-5 DIMENSIONS



MAL-8 DIMENSIONS

