

DESCRIPTION

The MAI Series MRI Suite LED flat panel is constructed of non-ferrous materials and features remote mounted drivers for use in MRI imaging rooms. Available in 1' x 4', 2' x 2' and 2' x 4' sizes with static CCTs between 2700K-5000K and lumen packages from 4,000 to 25,000 lumens.

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
- Recessed design fits most standard T-bar grid ceilings

Optics/LEDs:

- Lumen packages from 4,000 to 25,000 lumens
- Efficacy up to 165 lumens per watt
- 2700K, 3000K, 3500K, 4000K or 5000K CCT
- CRI ≥ 82, optional 90 CRI (Option: 90)
- L70 > 100,000 hours

Electrical:

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

Installation:

- Universal mounting allows for both recessed flanged and recessed grid mounting
- Easy installation with adjustable 90° swing arm system standard

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 Listed (IP65) (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)

Model: _____ Date: _____
 Accessories: _____
 Job Name: _____ Type: _____



Specs at a Glance			
Model	MAI-14	MAI-22	MAI-24
Wattage (W)*	25W - 62W	25W - 81W	25W - 156W
Lumens (lm)	4,000 - 10,000	4,000 - 13,000	4,000 - 25,000
Efficacy (LPW)	Up to 165		
CCT (K)	2700K, 3000K, 3500K, 4000K or 5000K		
CRI	≥82, Optional 90		
Operating Temp	-30°C to 50°C (-22°F to 122°F)		
Certifications	cETL Listed, Optional Wet Location (IP65), BAA, BABA		
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: MAI-14-25-PA1-27K-F-WH)

Model ¹	Size	Wattage	Lens	CCT	Mounting	Finish	Options
MAI	14 ² = 1' x 4'	25 = 25 Watt	PA1 = .125 Prismatic Acrylic	27K = 2700K	F = Flange	AM = Anti-Microbial White	90 = 90 CRI
	22 ³ = 2' x 2'	43 = 43 Watt	PA2 = .156 Prismatic Acrylic	3K = 3000K	G = Grid	WH = White	WL = Wet Location (IP65)
	24 = 2' x 4'	62 = 62 Watt	PA3 = .156 Prismatic Acrylic #19	35K = 3500K			
		75 = 75 Watt	PA4 = .187 Prismatic Acrylic	4K = 4000K			
		81 = 81 Watt	PC = Prismatic Inner with .125 Clear Outer Poly	5K = 5000K			
		93 = 93 Watt	CP1 = .125 Clear Polycarbonate				
		100 = 100 Watt	SY = Symmetric Diffused DR Acrylic				
	125 = 125 Watt						
	156 = 156 Watt						

Notes

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

² Only available in 25, 43, 62 Watt

³ Only available in 25, 43, 62, 75 and 81 Watt

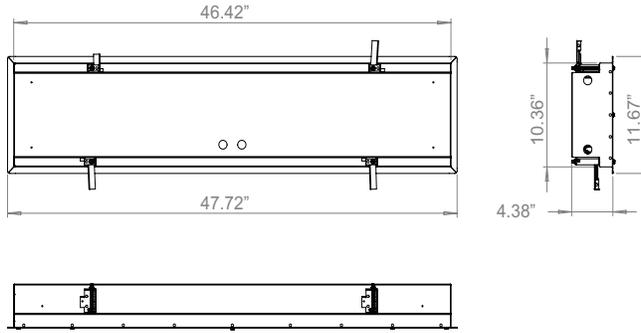
PERFORMANCE DATA

Model	Wattage	CCT	Lumens	LPW	CRI
MAI-XX-25	25W	2700K	3640	146	≥82
MAI-XX-25	25W	3000K	3760	150	≥82
MAI-XX-25	25W	3500K	3880	155	≥82
MAI-XX-25	25W	4000K	4000	160	≥82
MAI-XX-25	25W	5000K	4120	165	≥82
MAI-XX-43	43.8W	2700K	6370	146	≥82
MAI-XX-43	43.8W	3000K	6580	150	≥82
MAI-XX-43	43.8W	3500K	6790	155	≥82
MAI-XX-43	43.8W	4000K	7000	160	≥82
MAI-XX-43	43.8W	5000K	7210	165	≥82
MAI-XX-62	62.5W	2700K	9100	146	≥82
MAI-XX-62	62.5W	3000K	9400	150	≥82
MAI-XX-62	62.5W	3500K	9700	155	≥82
MAI-XX-62	62.5W	4000K	10000	160	≥82
MAI-XX-62	62.5W	5000K	10300	165	≥82
MAI-XX-75	75W	2700K	10920	146	≥82
MAI-XX-75	75W	3000K	11280	150	≥82
MAI-XX-75	75W	3500K	11640	155	≥82
MAI-XX-75	75W	4000K	12000	160	≥82
MAI-XX-75	75W	5000K	12360	165	≥82
MAI-XX-81	81.3W	2700K	11830	146	≥82
MAI-XX-81	81.3W	3000K	12220	150	≥82
MAI-XX-81	81.3W	3500K	12610	155	≥82
MAI-XX-81	81.3W	4000K	13000	160	≥82
MAI-XX-81	81.3W	5000K	13390	165	≥82
MAI-XX-93	93.8W	2700K	13650	146	≥82
MAI-XX-93	93.8W	3000K	14100	150	≥82
MAI-XX-93	93.8W	3500K	14550	155	≥82
MAI-XX-93	93.8W	4000K	15000	160	≥82
MAI-XX-93	93.8W	5000K	15450	165	≥82
MAI-XX-100	100W	2700K	14560	146	≥82
MAI-XX-100	100W	3000K	15040	150	≥82
MAI-XX-100	100W	3500K	15520	155	≥82
MAI-XX-100	100W	4000K	16000	160	≥82
MAI-XX-100	100W	5000K	16480	165	≥82
MAI-XX-125	125W	2700K	18200	146	≥82
MAI-XX-125	125W	3000K	18800	150	≥82
MAI-XX-125	125W	3500K	19400	155	≥82
MAI-XX-125	125W	4000K	20000	160	≥82
MAI-XX-125	125W	5000K	20600	165	≥82
MAI-XX-156	156.3W	2700K	22750	146	≥82
MAI-XX-156	156.3W	3000K	23500	150	≥82
MAI-XX-156	156.3W	3500K	24250	155	≥82
MAI-XX-156	156.3W	4000K	25000	160	≥82
MAI-XX-156	156.3W	5000K	25750	165	≥82

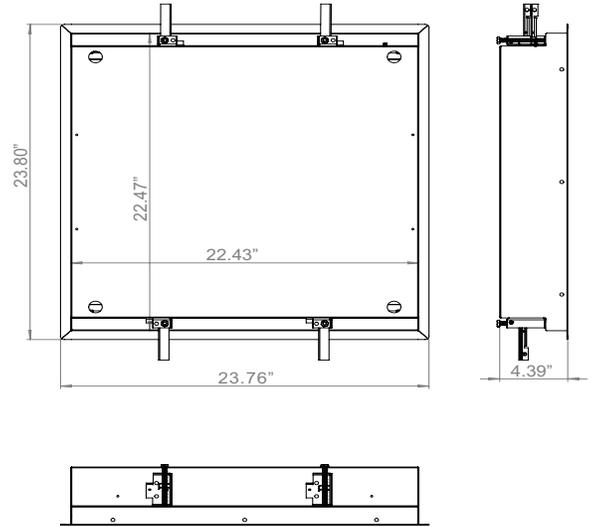
Specifications are subject to change without notice.
 Installation must be performed in accordance with
 Barron Lighting Group installation instructions.

DIMENSIONS

1' x 4'
(Rough-in Size 46 11/16" x 10 5/8")



2' x 2'
(Rough-in Size 22 5/8" x 22 5/8")



2' x 4'
(Rough-in Size 46 5/8" x 22 11/16")

