

## AURAMED CONTEMPO MRI SERIES

AAOM11/AAOM12/AAOM14/AAOM22/AAOM24

### FEATURES

- Intended for MRI Suites
- Non-ferromagnetic construction for MRI equipment
- Available in a variety of sizes from a 1x1 to a 2x4
- Even illumination with multiple color temperatures
- Provides glare-free ambient lighting with high output
- This product was Made in America and complies with the Buy American Act requirements



### RELATED PRODUCTS:

- [AuraMed Contempo Series \(AAO\)](#)
- [AuraMed Contempo Multi-Function Series \(AAOH\)](#)
- [AuraMed Classic MRI Series \(AACM\)](#)

AAOM12



### SPECIFICATIONS

**CONSTRUCTION:** Fabricated 16 gauge aluminum housing. Non-ferromagnetic material content for MRI compatibility.

**LENS:** Extruded white polycarbonate lens (smooth side out) serves as an inner basket diffuser for direct ambient light. Unique clip design allows for tool-free lens removal to access LED boards from room-side.

**LED:** LED sources available in four color temperatures 3000°K, 3500°K, 4000°K and 5000°K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Minimum 80 CRI standard with optional minimum 90 CRI available.

**ELECTRICAL:** 0-10V dimming driver supplied with fixtures in a remote enclosure. Must order power enclosure separately on Page 2. The power enclosure is fabricated galvanized steel, consult factory for dimensional data. The enclosure must be installed outside the shielded MRI environment. It contains ferrous components that can damage or interfere with MRI equipment. All power and dimming wires must be completely shielded in grounded conduit, by others. Proper filtration components are required, sold by others. Consult factory for more information.

**FINISH:** Matte white antimicrobial powder coat finish following multistage iron phosphate pre-treatment on all exposed room-side surfaces.

**INSTALLATION:** Grid installation standard. Optional kit for flange mounting, must specify under accessory.

**WARRANTY:** Limited five (5) year warranty.

**LABEL:** Fixture is certified to UL standards by Intertek Testing Laboratories for Damp Locations.

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### ORDERING INFORMATION

EXAMPLE: AAOMG22-HA16-L3401C-RW-UN

SERIES	MOUNTING	SIZE*	HOUSING	LUMEN OUTPUT*
<b>AAOM</b>	<b>G</b>		<b>HA16</b>	

\*Remote drivers supplied in Enclosure. Requires proper filter components supplied by others. Consult factory for additional information.

G = Grid

11 = 1x1  
 12 = 1x2  
 14 = 1x4  
 22 = 2x2  
 24 = 2x4

HA16 = 16Ga. Alum. Painted

L2 = Low  
 L3 = Standard  
 L4 = High  
 CL = Custom Lumen Output\*\*

\*Nominal Size.  
 Dimensional Data on Page 5.

\*Subject to change. Performance Data on Page 3.

\*\* Must be specified at time of quote. Must not exceed fixture maximum output.

COLOR TEMP.	CIRCUITS	DIFFUSER	VOLTAGE	OPTIONS	ACCESSORY
	<b>1C</b>	<b>RW</b>			
30 = 3000°K 35 = 3500°K 40 = 4000°K 50 = 5000°K	1C = 1 Circuit	RW = White Polycarbonate	12 = 120V 27 = 277V UN = Universal (120V-277V)	90C = 90CRI	FK = Flange Conversion Kit. Consult factory for details.

### POWER ENCLOSURE ORDERING INFORMATION

EXAMPLE: AAOM24-PS-L2-2-DM

SERIES	SIZE		LUMEN OUTPUT	DRIVERS PER FIXTURE*	OPTIONS
<b>AAOM</b>		<b>PS</b>			
	11 = 1x1 12 = 1x2 14 = 1x4 22 = 2x2 24 = 2x4	PS = Power Enclosure*  *Up to 8 drivers can be in a Power Enclosure depending on quantity of fixtures ordered. Consult factory for custom configurations. Configuration must be determined at time of order.	L2 = Low L3 = Standard L4 = High CL = Custom Lumen Output	*Please refer to chart on Page 5. Requires proper filtration components, by others. Each driver requires a filter.	DM = 0-10V dimming with 10-100% range DM1 = 0-10V dimming with 1-100% range

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## PERFORMANCE DATA\*

\*Data is with 80 CRI chip. If 90 CRI is selected, delivered lumens reduced by 10-15%. LEDs are frequently updated therefore values may change without notice.

MODEL	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
AAOM11	L2 = Low	30 = 3000°K	1275	102	12.5
		35 = 3500°K	1338	107	12.5
		40 = 4000°K	1375	110	12.5
		50 = 5000°K	1413	113	12.5
	L3 = Standard	30 = 3000°K	1800	100	18
		35 = 3500°K	1890	105	18
		40 = 4000°K	1945	108	18
		50 = 5000°K	2000	111	18
	L4 = High	30 = 3000°K	2425	97	25
		35 = 3500°K	2550	102	25
		40 = 4000°K	2625	105	25
		50 = 5000°K	2700	108	25
AAOM12	L2 = Low	30 = 3000°K	2450	98	25
		35 = 3500°K	2575	103	25
		40 = 4000°K	2650	106	25
		50 = 5000°K	2725	109	25
	L3 = Standard	30 = 3000°K	3610	95	38
		35 = 3500°K	3800	100	38
		40 = 4000°K	3914	103	38
		50 = 5000°K	4028	106	38
	L4 = High	30 = 3000°K	4600	92	50
		35 = 3500°K	4850	97	50
		40 = 4000°K	5000	100	50
		50 = 5000°K	5150	103	50
AAOM14	L2 = Low	30 = 3000°K	5500	110	50
		35 = 3500°K	5750	115	50
		40 = 4000°K	5900	118	50
		50 = 5000°K	6050	121	50
	L3 = Standard	30 = 3000°K	8025	107	75
		35 = 3500°K	8400	112	75
		40 = 4000°K	8625	115	75
		50 = 5000°K	8850	118	75
	L4 = High	30 = 3000°K	10400	104	100
		35 = 3500°K	10900	109	100
		40 = 4000°K	11200	112	100
		50 = 5000°K	11500	115	100

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## PERFORMANCE DATA CONT.

MODEL	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
AAOM22	L2 = Low	30 = 3000°K	2550	102	25
		35 = 3500°K	2675	107	25
		40 = 4000°K	2750	110	25
		50 = 5000°K	2825	113	25
	L3 = Standard	30 = 3000°K	3800	100	38
		35 = 3500°K	3990	105	38
		40 = 4000°K	4100	108	38
		50 = 5000°K	4220	111	38
	L4 = High	30 = 3000°K	4900	98	50
		35 = 3500°K	5150	103	50
		40 = 4000°K	5300	106	50
		50 = 5000°K	5450	109	50
AAOM24	L2 = Low	30 = 3000°K	5700	114	50
		35 = 3500°K	5950	119	50
		40 = 4000°K	6100	122	50
		50 = 5000°K	6250	125	50
	L3 = Standard	30 = 3000°K	8175	109	75
		35 = 3500°K	8550	114	75
		40 = 4000°K	8775	117	75
		50 = 5000°K	9000	120	75
	L4 = High	30 = 3000°K	11100	111	100
		35 = 3500°K	11600	116	100
		40 = 4000°K	11900	119	100
		50 = 5000°K	12200	122	100

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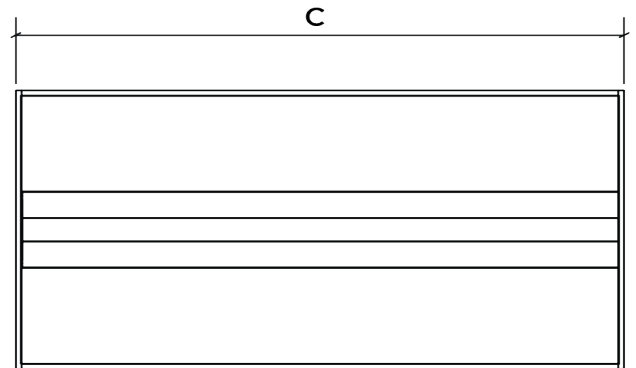
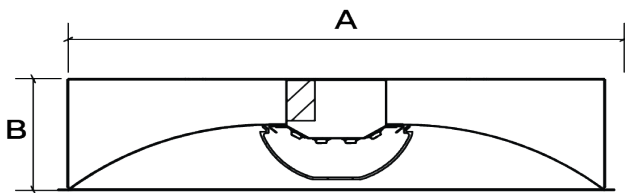


## POWER ENCLOSURE: NUMBER OF DRIVERS PER FIXTURE

SERIES	SIZE	LUMEN OUTPUT	NUMBER OF DRIVERS PER FIXTURE
AAOM	11 = 1x1	L2 = Low	1
		L3 = Standard	1
		L4 = High	1
	12 = 1x2	L2 = Low	1
		L3 = Standard	1
		L4 = High	1
	14 = 1x4	L2 = Low	1
		L3 = Standard	2
		L4 = High	2
	22 = 2x2	L2 = Low	1
		L3 = Standard	1
		L4 = High	1
24 = 2x4	L2 = Low	1	
	L3 = Standard	2	
	L4 = High	2	

## DIMENSIONAL DATA

Note, below dimensional data shows "L4 = High" lumen output. LED board configuration subject to change based on specified lumen output.



	A	B	C
AAO11	11.750"	5.174"	11.750"
AAO12	11.750"	5.174"	23.750"
AAO14	11.750"	5.174"	47.688"
AAO22	23.750"	5.174"	23.750"
AAO24	23.750"	5.174"	47.688"

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