www.newstarlighting.com

PROJECT: _____
TYPE: _____
PRODUCT: _____
APPROVED BY: _____

AURAMED CONTEMPO SERIES
AAO11/AAO12/AAO14/AAO22/AAO24

FEATURES

- Intended for Healthcare Settings, Commercial Settings, Office Spaces, Schools/Universities, and more
- 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
- Grid installation with optional flange kit
- This product was Made in America and complies with the Buy American Act requirements

AAO12

RELATED PRODUCTS:

- AuraMed Contempo MRI Series (AAOM)
- AuraMed Contempo Multi-Function Series (AAOH)
- AuraMed Classic Series (AAC)

SPECIFICATIONS

CONSTRUCTION: Fabricated 20 gauge formed cold rolled steel or 16 gauge aluminum housing.

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 and drivers 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 available with 10-100% range and 1-100% range. Must specify dimming under options.

FINISH: Matte white powder coat finish following a multistage iron phosphate pre-treatment. Optional antimicrobial finish on all exposed 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: AAOG11-HC20-L2401C-RW-UN-DM

SERIES	MOUNTING	SIZE*	HOUSING	LUMEN OUTPUT*	COLOR TEMP.
AAO	**G**				
	G = Grid	11 = 1x1	HC20 = 20Ga. CRS Painted	L2 = Low	30 = 3000°K
		12 = 1x2	HA16 = 16Ga. Alum. Painted	L3 = Standard	35 = 3500°K
		14 = 1x4		L4 = High	40 = 4000°K
		22 = 2x2		CL = Custom Lumen Output**	50 = 5000°K
		24 = 2x4			
		*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.	

CIRCUITS	DIFFUSER	VOLTAGE	OPTIONS
	RW		
1C = 1 Circuit	RW = White Polycarbonate	12 = 120V	DM = 0-10V dimming with 10-100% range
2C = 2 Circuits*		27 = 277V	DM1 = 0-10V dimming with 1-100% range
		UN = Universal (120V-277V)	FZ1 = Fuse (120V)
*Refers to inboard/ outboard wiring.			FZ2 = Fuse (277V)
			90C = 90CRI
			AM = Antimicrobial Finish on all exposed surfaces
			SD2 = Step Dimming (50-100%)
			SD3 = Step. Dimming (30-70-100%)

ACCESSORY

FK = Flange Conversion Kit.
Consult factory for details.

EL1 = Remote Emergency Battery (10W)*

*Provided with test switch on a wall plate unless otherwise specified. Requires unswitched line.

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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)
AAO11	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
AAO12	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
AAO14	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)
AAO22	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
AAO24	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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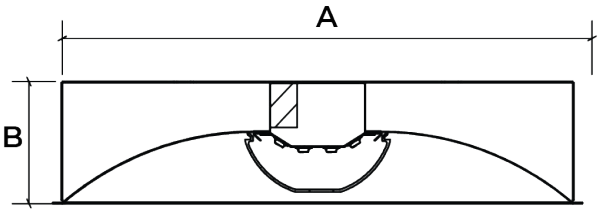
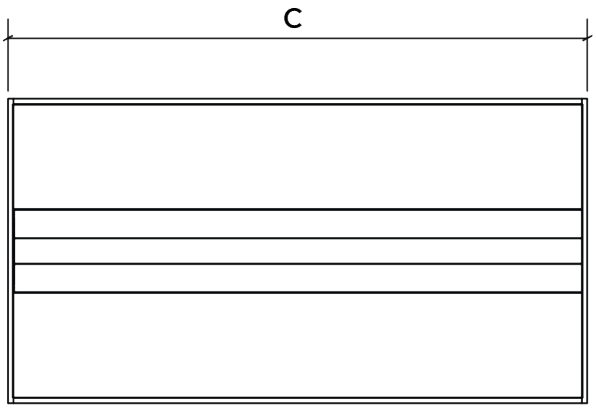
DIMENSIONAL DATA

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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