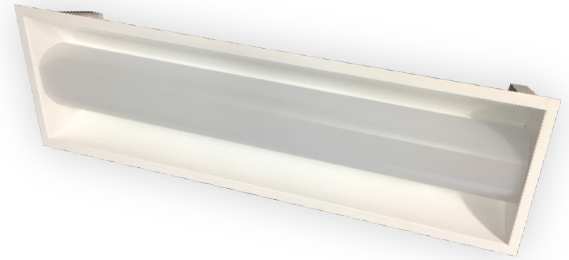


## AURAMED CONTEMPO MULTI-FUNCTION SERIES

AAOH14/AAOH22/AAOH24

### FEATURES

- Intended for Patient Rooms, Skilled Nursing Facilities, Assisted Living, Clinics, and more
- Provides reading, ambient and exam illumination for the patient room environment
- Low Voltage Control options provides lighting control interface to a pillow speaker, bed side rail or other low voltage devices
- AAOH14 can be used in pairs adjacent to the patient bed. Fixtures are quoted and sold individually.
- Grid installation with optional flange kit
- This product was Made in America and complies with the Buy American Act requirements



AAOH14



### RELATED PRODUCTS:

- [AuraMed Contempo Series \(AAO\)](#)
- [AuraMed Contempo MRI Series \(AAOM\)](#)
- [AuraMed Classic Multi-Function Series \(AACH\)](#)

### 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. 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. Note, the specified color temperature and CRI will be used for all functions.

**ELECTRICAL:** 0-10V dimming driver available with 10-100% range and 1-100% range for ambient and reading functions. Must specify dimming under options. Optional Low Voltage Controller (LV3 & LVD) provides lighting control interface to a pillow speaker, bed side rail or other low voltage devices. Leads are factory labeled for field installation. Controls and additional accessories by others. If ordered without a Low Voltage Controller, all functions will be on independent line voltage circuits.

**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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PROJECT: \_\_\_\_\_  
TYPE: \_\_\_\_\_  
PRODUCT: \_\_\_\_\_  
APPROVED BY: \_\_\_\_\_

# AURAMED CONTEMPO MULTI-FUNCTION SERIES

AAOH14/AAOH22/AAOH24

## ORDERING INFORMATION

EXAMPLE: AAOHG22-HC20-F240-RW-UN

SERIES	MOUNTING	SIZE*	HOUSING	FUNCTION*
<b>AAOH</b>	<b>G</b>			

G = Grid

14 = 1x4\*\*

22 = 2x2

24 = 2x4

HC20 = 20Ga. CRS Painted

HA16 = 16Ga. Alum. Painted

F2 = 2 Functions (Ambient & Exam)

F3L = 3 Functions (Low Reading, Ambient & Exam)

F3H = 3 Functions (High Reading, Ambient & Exam)\*\*

FSD = Step Dimming Functions (30-70-100%)\* \*\*

\*Nominal Size.  
Dimensional Data on Page 5.  
\*\*AAOHG14 can be used as pairs adjacent to the patient bed. Fixtures quoted and sold individually.

\*Subject to change. Performance Data on Page 3.  
\*\* N/A with AAOH22.  
\*\*\* Consult factory for different configurations. All LED boards will be illuminated and step dimmed at specified levels. Cannot be used with additional dimming or control systems.

COLOR TEMP.*	DIFFUSER	VOLTAGE	DIMMING/CONTROL
	<b>RW</b>		

30 = 3000°K

35 = 3500°K

40 = 4000°K

50 = 5000°K

RW = White Polycarbonate

12 = 120V

27 = 277V

UN = Universal

(120V-277V)

Blank = No Dimming/Control (Leave blank when FSD is specified)\*

DM = 0-10V dimming with 10-100% range

DM1 = 0-10V dimming with 1-100% range

LV3 = Independent Load Dimming Low Voltage Controller\*\*

LV2 = Multi-load Dimming Low Voltage Controller\*\*

\*Specified color temp. will be for all functions.

\*If no control system (and FSD is not specified), all functions will be on independent line voltage circuits.  
\*\*Click [here](#) for more information. Provides control of lighting from a pillow speaker, bedside rail or wall switch.

OPTIONS	ACCESSORY

FZ1 = Fuse (120V)

FZ2 = Fuse (277V)

90C = 90CRI

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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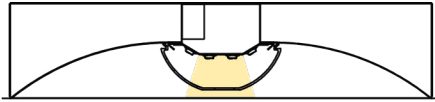
# AURAMED CONTEMPO MULTI-FUNCTION

AAOH14/AAOH22/AAOH24



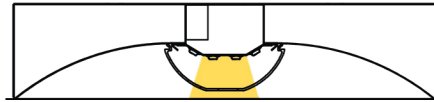
## FUNCTIONALITY\*

\*Below configuration is an example of a 3 function fixture (F3L). Light levels are achieved when functions are used in conjunction with one another. Note, Step Dimming (FSD) will illuminate all LED boards and will be step dimmed to achieve specified light levels.



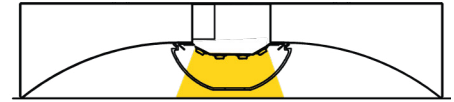
### READING

Portion of inner LED boards are illuminated to achieve specified reading light levels



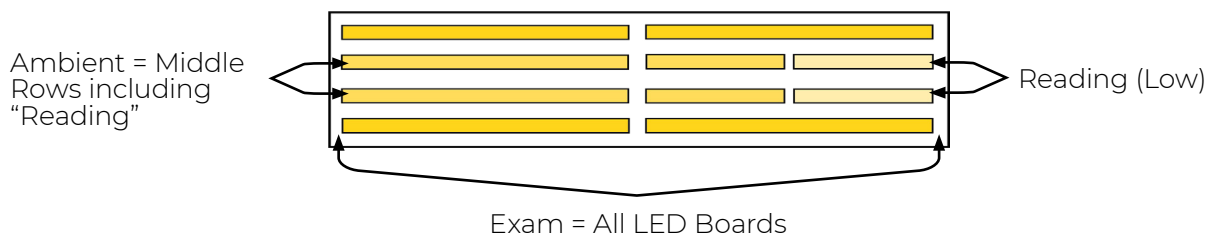
### AMBIENT

Inner LED boards are illuminated to achieve ambient light levels (reading + ambient)



### EXAM

All LED boards are illuminated to achieve exam light levels (reading + ambient + exam)



## 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. Data for AAOH14 is for a single unit.

MODEL	FUNCTION	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
AAOH14	F2 = Ambient & Exam	Ambient	30 = 3000°K	5250	105	50
			35 = 3500°K	5500	110	50
			40 = 4000°K	5650	113	50
			50 = 5000°K	5900	118	50
		Exam = All LED boards	30 = 3000°K	9900	99	100
			35 = 3500°K	10400	104	100
			40 = 4000°K	10700	107	100
			50 = 5000°K	11000	110	100
	F3L = Low Reading, Ambient, Exam	Low Reading	30 = 3000°K	1313	105	12.5
			35 = 3500°K	1375	110	12.5
			40 = 4000°K	1413	113	12.5
			50 = 5000°K	1450	116	12.5
		Ambient = Reading + Ambient	30 = 3000°K	5250	105	50
			35 = 3500°K	5500	110	50
			40 = 4000°K	5650	113	50
			50 = 5000°K	5800	116	50
Exam = All LED boards	30 = 3000°K	9900	99	100		
	35 = 3500°K	10400	104	100		
	40 = 4000°K	10700	107	100		
	50 = 5000°K	11000	110	100		

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# AURAMED CONTEMPO MULTI-FUNCTION

AAOH14/AAOH22/AAOH24



## PERFORMANCE DATA CONT.

MODEL	FUNCTION	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
AAOH14	F3H = High Reading, Ambient, Exam	High Reading	30 = 3000°K	2625	105	25
			35 = 3500°K	2750	110	25
			40 = 4000°K	2826	113	25
			50 = 5000°K	2900	116	25
		Ambient = Reading + Ambient	30 = 3000°K	5250	105	50
			35 = 3500°K	5500	110	50
			40 = 4000°K	5650	113	50
			50 = 5000°K	5800	116	50
		Exam = All LED boards	30 = 3000°K	9900	99	100
			35 = 3500°K	10400	104	100
			40 = 4000°K	10700	107	100
			50 = 5000°K	11000	110	100
AAOH22	F2 = Ambient & Exam	Ambient	30 = 3000°K	2450	98	25
			35 = 3500°K	2575	103	25
			40 = 4000°K	2650	106	25
			50 = 5000°K	2725	109	25
		Exam = All LED boards	30 = 3000°K	4750	95	50
			35 = 3500°K	5000	100	50
			40 = 4000°K	5150	103	50
			50 = 5000°K	5300	106	50
	F3L = Low Reading, Ambient, Exam	Low Reading	30 = 3000°K	1250	100	12.5
			35 = 3500°K	1313	105	12.5
			40 = 4000°K	1350	108	12.5
			50 = 5000°K	1388	111	12.5
		Ambient = Reading + Ambient	30 = 3000°K	2450	98	25
			35 = 3500°K	2575	103	25
			40 = 4000°K	2650	106	25
			50 = 5000°K	2725	109	25
Exam = All LED boards	30 = 3000°K	4750	95	50		
	35 = 3500°K	5000	100	50		
	40 = 4000°K	5150	103	50		
	50 = 5000°K	5300	106	50		
AAOH24	F2 = Ambient & Exam	Ambient	30 = 3000°K	5450	109	50
			35 = 3500°K	5700	114	50
			40 = 4000°K	5850	117	50
			50 = 5000°K	6000	120	50
		Exam = All LED boards	30 = 3000°K	10600	106	100
			35 = 3500°K	11100	111	100
			40 = 4000°K	11400	114	100
			50 = 5000°K	11700	117	100

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# AURAMED CONTEMPO MULTI-FUNCTION

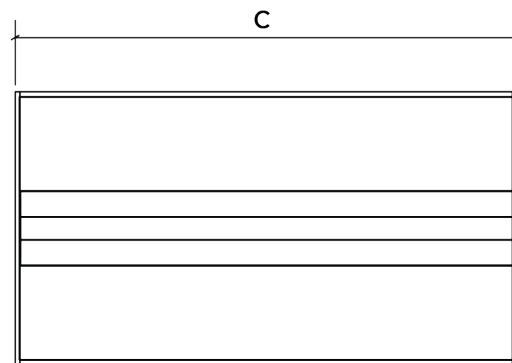
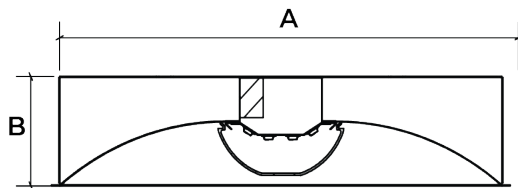
AAOH14/AAOH22/AAOH24



## PERFORMANCE DATA CONT.

MODEL	FUNCTION	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
AAOH24	F3L = Low Reading, Ambient, Exam	Low Reading	30 = 3000°K	1362.5	109	12.5
			35 = 3500°K	1425	114	12.5
			40 = 4000°K	1475	118	12.5
			50 = 5000°K	1512	121	12.5
		Ambient = Reading + Ambient	30 = 3000°K	5400	108	50
			35 = 3500°K	5650	113	50
			40 = 4000°K	5850	117	50
			50 = 5000°K	6000	120	50
		Exam = All LED boards	30 = 3000°K	10600	106	100
			35 = 3500°K	11100	111	100
			40 = 4000°K	11400	114	100
			50 = 5000°K	11800	118	100
	F3H = High Reading, Ambient, Exam	High Reading	30 = 3000°K	2625	105	25
			35 = 3500°K	2750	110	25
			40 = 4000°K	2826	113	25
			50 = 5000°K	2900	116	25
		Ambient = Reading + Ambient	30 = 3000°K	5400	108	50
			35 = 3500°K	5650	113	50
			40 = 4000°K	5850	117	50
			50 = 5000°K	6000	120	50
Exam = All LED boards		30 = 3000°K	10600	106	100	
		35 = 3500°K	11100	111	100	
		40 = 4000°K	11400	114	100	
		50 = 5000°K	11800	118	100	

## DIMENSIONAL DATA



	A	B	C
AAOH14	11.750"	5.190"	47.688"
AAOH22	23.750"	5.174"	23.750"
AAOH24	23.750"	5.174"	47.688"

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