

PROJECT:	
TYPE:	
PRODUCT:	
APPROVED BY:	

# 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:**

- <u>AuraMed Contempo Series (AAO)</u>
- AuraMed Contempo MRI Series (AAOM)
- <u>AuraMed Classic Multi-Function Series (AACH)</u>

## **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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# AURAMED CONTEMPO MULTI-FUNCTION SERIES AAOH14/AAOH22/AAOH24

## **ORDERING INFORMATION**

EXAMPLE: AAOHG22-HC20-F240-RW-UN

SERIES	MOUNTING	SIZE*	HOUSING	FUNCTION*
ААОН	G			
	G = Grid	14 = 1x4**	HC20 = 20Ga. CRS Painted	F2 = 2 Functions (Ambient & Exam)
		22 = 2x2	HA16 = 16Ga. Alum. Painted	F3 = 3 Functions (Reading, Ambient & Exam)
		24 = 2x4		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.  ** 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
	RW		
30 = 3000°K	RW = White Polycarbonate	12 = 120V	Blank = No Dimming/Control (Leave blank when FSD is specified)*
35 = 3500°K		27 = 277V	DM = 0-10V dimming with 10-100% range
40 = 4000°K		UN = Universal	DM1 = 0-10V dimming with 1-100% range
50 = 5000°K		(120V-277V)	LV3 = Independent Load Dimming Low Voltage Controller**
			LVD = 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 <u>here</u> for more information. Provides control of lighting from a pillow speaker, bedside rail or wall switch.

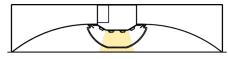
OPTIONS	ACCESSORY
FZ1 = Fuse (120V)	FK = Flange Conversion Kit.
FZ2 = Fuse (277V)	Consult factory for details.
90C = 90CRI	EL1 = Remote Emergency Battery (10W)*
	*Provided with test switch on a wall plate unless otherwise specified. Requires unswitched line.

# AURAMED CONTEMPO MULTI-FUNCTION New Star



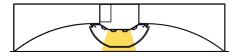
#### **FUNCTIONALITY\***

\*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



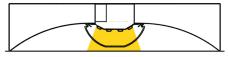
READING

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



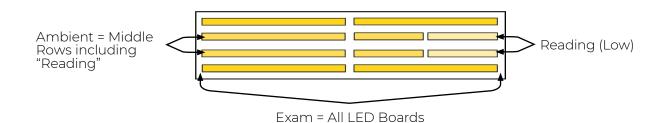
**AMBIENT** 

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)
			30 = 3000K	5250	105	50
		Ambient	35 = 3500K	5500	110	50
		Ambieni	40 = 4000K	5650	113	50
	F2 = Ambient & Exam		50 = 5000K	5900	118	50
	rz = Ambieni & Exam		30 = 3000K	9900	99	100
		Exam = All LED boards	35 = 3500K	10400	104	100
		Exam = All LED boards	40 = 4000K	10700	107	100
			50 = 5000K	11000	110	100
		Reading	30 = 3000K	2625	105	25
AAOH14			35 = 3500K	2750	110	25
AAOH14			40 = 4000K	2826	113	25
			50 = 5000K	2900	116	25
		Ambient = Reading + Ambient	30 = 3000K	5250	105	50
	F3 = Reading, Ambient, Exam		35 = 3500K	5500	110	50
F5 = Keading,	rs = Redding, Ambient, Exam		40 = 4000K	5650	113	50
			50 = 5000K	5800	116	50
		Exam = All LED boards	30 = 3000K	9900	99	100
			35 = 3500K	10400	104	100
			40 = 4000K	10700	107	100
			50 = 5000K	11000	110	100

# AURAMED CONTEMPO MULTI-FUNCTION New Star



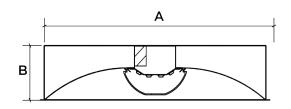
## PERFORMANCE DATA CONT.

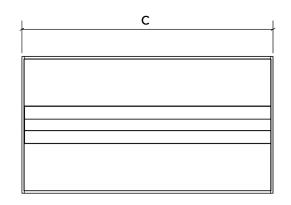
Ambient & Exam  F2 = Ambient & Exam  F2 = Ambient & Exam  F2 = Ambient & Exam  F3 = Reading. Ambient, Exam  F3 = Reading. Ambient & Exam  AACH22  AACH24  AACH24  AACH24  AACH24  F3 = Reading. Ambient, Exam  F2 = Ambient & Exam  F3 = Reading. Ambient, Exam  Ambient  Ambient					I		
Ambient & Exom    F2 = Ambient & Exom    Exom = All LED boards    Exom = All LED boards    F3 = Roading, Ambient, Exom    Ambient    F3 = Roading, Ambient, Exom    F2 = Ambient & Exom    AACH24  AACH24  AACH24  F3 = Roading, Ambient, Exom    F3 = Roading, Ambient, Exom    F3 = Roading, Ambient, Exom    F4 = Ambient    Exom = All LED boards    Ambient    F5 = Roading, Ambient, Exom    Ambient    F5 = Roading, Ambient, Exom    Ambient    F5 = Roading, Ambient, Exom    F5 = Roading, Ambient, Exom    F5 = Roading, Ambient, Exom    Ambient    F5 = Roading, Ambient, Exom    F5 = Roading, Ambient, Exom    Ambient    Exom = All LED boards    Ambient    Ambient    Exom = All LED boards    Ambient    Exom = All LED boards    Ambient    Ambient    Exom = All LED boards    Exom			Ambient	30 = 3000K	2450	98	25
### ADDRESS   106   25   ### South				35 = 3500K	2575	103	25
AACH22  AACH22  F3 = Reading, Ambient, Exam  F2 = Ambient & Exam = All LED boards  F3 = Reading, Ambient, Exam  F4 = Ambient & Exam  F5 = Reading, Ambient, Exam  F6 = Reading, Ambient, Exam  F7 = Reading, Ambient, Exam				40 = 4000K	2650	106	25
AACH22  AACH22  Reading. Ambient, Exam  F3 = Reading. Ambient, Exam  AACH24  AACH26  AACH26  AACH26  AACH27  AACH28  AACH29  A		F2 = Ambient & Exam		50 = 5000K	2725	109	25
AACH22    Family and Part		12 - Allison & Exam		30 = 3000K	4750	95	50
AACH22  AACH22  Reading  Reading  Reading  Reading  Reading  Reading  Ambient = Reading + Ambient = Reading + Ambient = Reading + Ambient = Reading + Ambient = All LED boards  F3 = Reading, Ambient, Exam  AACH24  A			Evam - All LED boards	35 = 3500K	5000	100	50
AACH22  Reading Reading Reading Reading Reading Reading Reading Reading Ambient = Reading + Ambient = Read			Exam = An LED boards	40 = 4000K	5150	103	50
AACH22  Reading  Reading  An bient = Reading + Ambient = Reading +				50 = 5000K	5300	106	50
AACH22    F3 = Reading, Ambient, Exam				30 = 3000K	1250	100	12.5
### Add	4401100		Dandina	35 = 3500K	1313	105	12.5
F3 = Reading, Ambient, Exam  Ambient = Reading + Reading	AAOH22		Keaaing	40 = 4000K	1350	108	12.5
Ambient = Reading + Ambien				50 = 5000K	1388	111	12.5
Ambient Ambient Exam    Ambient    Ambient				30 = 3000K	2450	98	25
Ambient		57 B b 4 b 4 5	Ambient = Reading +	35 = 3500K	2575	103	25
AACH24  Exam = All LED boards    30 = 3000K		F3 = Reading, Ambient, Exam		40 = 4000K	2650	106	25
AACH24  F3 = Reading, Ambient, Exam  Ambient  Exam = All LED boards  Exam = All LED boards  Exam = All LED boards  Ambient  Ambient  Ambient  Exam = All LED boards  Exam = All LED boards  Exam = All LED boards  Ambient  Exam = All LED boards  Exam = Al				50 = 5000K	2725	109	25
AACH24  F3 = Reading, Ambient, Exam  Exam = All LED boards  40 = 4000K				30 = 3000K	4750	95	50
AAOH24  AAOH24				35 = 3500K	5000	100	50
AACH24  F2 = Ambient & Exam  F2 = Ambient & Exam  Exam = All LED boards  Reading  Reading  Ambient = Reading + Ambient = Reading + Ambient = Reading + Ambient  Exam = All LED boards  F3 = Reading, Ambient, Exam  AACH24  Ambient = Reading + Readin			Exam = All LED boards	40 = 4000K	5150	103	50
AAOH24  F2 = Ambient & Exam  Exam = All LED boards  Reading  Ambient = Reading + Ambie				50 = 5000K	5300	106	50
AAOH24  F2 = Ambient & Exam  Exam = All LED boards  Reading  Ambient  40 = 4000K  50 = 5000K  6000  120  50  50 = 5000K  10600  106  100  111  100  40 = 4000K  11400  111  100  50 = 5000K  11700  117  100  50 = 5000K  2625  105  25  35 = 3500K  2750  110  25  40 = 4000K  2826  113  25  50 = 5000K  2900  116  25  30 = 3000K  50 = 5000K  2900  116  25  40 = 4000K  50 = 5000K  6000  120  50  60 = 5000K  6000  120  50  60 = 5000K  6000  120  50  60 = 5000K  6000  120  100  100  100  100  100  10				30 = 3000K	5450	109	50
AAOH24  F2 = Ambient & Exam  Exam = All LED boards  F3 = Reading, Ambient, Exam  F3 = Reading, Ambient, Exam  F3 = Reading, Ambient, Exam  Exam = All LED boards  Ambient = Reading + Ambient  Exam = All LED boards  Ambient = Reading + Ambient  Exam = All LED boards  Exam = All LED boards  Ambient = Reading + Ambient  Exam = All LED boards  Exam = All LED boards  Ambient = Reading + Ambient  Exam = All LED boards  Ambient = Reading + Ambient  Exam = All LED boards  Ambient = Reading + Ambient  Exam = All LED boards  Ambient = Reading + Ambient  Exam = All LED boards  Ambient = Reading + Ambient  Exam = All LED boards  Ambient = Reading + Ambient  Exam = All LED boards  Ambient = Reading + Ambient  Ambient				35 = 3500K	5700	114	50
AAOH24  F5 = Reading, Ambient, Exam  F2 = Ambient & Exam  AAOH24  F5 = Reading, Ambient, Exam  F5 = Reading, Ambient, Exam  F5 = Reading, Ambient, Exam  Exam = All LED boards  30 = 3000K 10600 106 100  35 = 3500K 11100 111 100  30 = 3000K 11700 117 100  30 = 3000K 2625 105 25  35 = 3500K 2750 110 25  40 = 4000K 2826 113 25  50 = 5000K 2900 116 25  30 = 3000K 5400 108 50  40 = 4000K 5850 117 50  50 = 5000K 5000 120 50  40 = 4000K 5850 117 50  50 = 5000K 5000 106 100  35 = 3500K 1000 106 100  35 = 3500K 1100 111 100			Ambient	40 = 4000K	5850	117	50
AACH24  F5 = Reading, Ambient, Exam  Ambient = Reading + Ambient =		50 4 1 5		50 = 5000K	6000	120	50
AAOH24  Reading  Reading  Ambient = Reading + Ambient   Ambient   Ambient   Ambient   Ambient   Ambient   Ambient   Ambient   Exam = All LED boards  Exam = All LED boards  Another   Ambient   Ambi		F2 = Ambient & Exam		30 = 3000K	10600	106	100
AAOH24  Reading  Reading  Reading  Reading  Reading  Reading  Reading  Ambient = Reading + Ambient Ambient  Ambient = Reading + Ambient Ambient  Exam = All LED boards  All LED boards  All = 4000K			Exam = All LED boards	35 = 3500K	11100	111	100
AAOH24  Reading  Reading  Reading  Ambient = Reading + Ambient  Ambient  Exam = All LED boards  Another the state of the s				40 = 4000K	11400	114	100
AAOH24  Reading  Reading  Ambient = Reading + Ambient Ambient  Ambient = Reading + Ambient Ambient  Exam = All LED boards  Reading  As 5 = 3500K				50 = 5000K	11700	117	100
AAOH24  F3 = Reading, Ambient, Exam  Ambient = Reading + Ambient Ambient  Ambient = Reading + Ambient Ambient  Exam = All LED boards  Reading  40 = 4000K 2826 113 25 30 = 3000K 2900 116 25 30 = 3000K 5400 108 50 113 50 40 = 4000K 5850 117 50 50 30 = 3000K 6000 120 50 30 = 3000K 10600 106 100 111 100 111 100			Reading -	30 = 3000K	2625	105	25
F5 = Reading, Ambient, Exam  Ambient = Reading + Ambient Ambient  Ambient = Reading + Ambient Ambient  Exam = All LED boards  And = 4000K  2826  113  25  30 = 5000K  2900  116  25  30 = 3000K  5400  108  50  117  50  40 = 4000K  5850  117  50  30 = 3000K  6000  120  50  30 = 3000K  10600  106  100  35 = 3500K  11100  111  100  110				35 = 3500K	2750	110	25
F3 = Reading, Ambient, Exam  Ambient = Reading + Ambient  Ambient  Ambient = Reading + Ambient  Ambien				40 = 4000K	2826	113	25
F5 = Reading, Ambient, Exam  Ambient = Reading + Ambient  Ambient  Ambient = Reading + Ambient  Ambient  Ambient = Reading + Ambient  Ambient  Ambient = Reading + Ambient = Reading + Ambient  Ambient = Reading + Ambient = Reading				50 = 5000K	2900	116	25
F3 = Reading, Ambient, Exam  Ambient  40 = 4000K  5850  117  50  50 = 5000K  6000  120  50  30 = 3000K  10600  106  100  35 = 3500K  11100  111  100  40 = 4000K  11400  114  100				30 = 3000K	5400	108	50
Ambient 40 = 4000K 5850 117 50  50 = 5000K 6000 120 50  30 = 3000K 10600 106 100  35 = 3500K 11100 111 100  40 = 4000K 11400 114 100		57 B h 4 h 6 5		35 = 3500K	5650	113	50
Exam = All LED boards 30 = 3000K 10600 106 100 100 100 111 100 111 100 100		F3 = Reading, Ambient, Exam		40 = 4000K	5850	117	50
Exam = All LED boards 35 = 3500K 11100 111 100 100 100 100 100 100 10				50 = 5000K	6000	120	50
Exam = All LED boards 40 = 4000K 11400 114 100			Exam = All LED boards	30 = 3000K	10600	106	100
40 = 4000K 11400 114 100				35 = 3500K	11100	111	100
50 = 5000K 11800 118 100				40 = 4000K	11400	114	100
				50 = 5000K	11800	118	100

# AURAMED CONTEMPO MULTI-FUNCTION New Star



## **DIMENSIONAL DATA**





	A	В	С
AAOH14	11.750"	5.190"	47.688"
AAOH22	23.750"	5.174"	23.750"
AAOH24	23.750"	5.174"	47.688"