



ARIA 13

AOV13HO
XOV13HO

BOVH13HO
YOVH13HO

BOW13HO
YOW13HO

Vandal Resistant

AOV 13 Series High Output LED

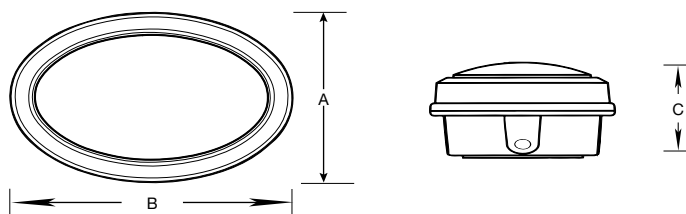
Fixture Type	Date
Job Name	Approved By
Catalog Number	

SPECIFICATIONS

Description	The Aria series features a durable, color-impregnated polycarbonate housing supported by a marine grade, die cast aluminum base plate to provide a lighting fixture that will survive in the harshest environments. The fixture has been installed successfully in large scale projects such as dorm rooms, unsecured hallways, transportation stations and public schools. Additionally, multiple colors and trim options are available to compliment nearly any architecture. Natatorium finish is standard for all versions of this fixture.	
Trim	One piece injection molded UV stabilized polycarbonate secured to base plate with (2) stainless steel TORX® head screws and sealed against moisture and contaminants with two high temperature silicone O-rings. Color is molded through entire part for scratch resistant finish.	
Lens	One piece injection molded UV stabilized prismatic polycarbonate with minimum 0.130" wall thickness. Available in Clear or Opal and secured to base plate by trim and silicone O-rings.	
Reflector	Die formed heavy gauge specular aluminum, shaped for maximum efficiency.	
Base Plate	Pressure die cast marine grade aluminum. Chemically primed and finished with electrostatically applied polyester powder coat.	
Driver	Constant current drivers, 120-277V.	
LED	Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L ₇₀ projected life of over 130,000 hours at 50°C. Ten year warranty on LED boards against operational defects.	
Gasket	Closed cell die cut neoprene gasket provided between fixture base plate and mounting surface. High temperature silicone O-ring between lens and base plate.	
Listings	U.L., C.U.L., Wet standard. 1598a Marine Listed.	
Lifetime Warranty	Luminaire LED Incorporated will repair or replace any fixture damaged due to vandalism for the lifetime of the installation.	

DIMENSIONAL DATA

	A	B	C
AOV 13 HO	8.75	13.13	7.48
BOVH 13 HO	8.75	13.13	7.68
BOW 13 HO	8.75	13.13	7.68
XOV 13 HO	8.75	13.13	7.68
YOVH 13 HO	8.75	13.13	7.68
YOW 13 HO	8.75	13.13	7.68



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ORDERING INFORMATION

SERIES	LED	CCT	VOLTS	DRIVER	LENS	COLOR	OPTIONS		TX/SD
AOV 13 HO	20W	2700K	120-277	CC	CP	BLK	PC	EMB310	
BOVH 13 HO		3000K		DIM	OP	WHT	GLR	EMB20R	
BOW 13 HO		3500K		PRD		BRZ	DIM	EMB125R	
XOV 13 HO		4000K				GRY		EMB250R	
YOVH 13 HO		5000K				CUST		EMB375R	
YOV 13 HO									
	PRD: Specify Watts or Lumens Above								

CC = Constant Current (Standard)
 DIM = 0-10V Dimming, 10% at lowest level
 PRD = Programmable driver. Specify Watts or Lumens under "LED" in Ordering Information.

TRIM OPTIONS

AOV13



BOVH13



BOW13



XOV13



YOVH13



YOV13



OPTIONS

LENS	CP = Clear Prismatic Standard		OP = Opal Optional		
COLORS	BLK = Black	WHT = White	BRZ = Bronze	GRY = Gray	CUST = Custom Color (Consult Factory)
PRD	Programmable driver. When ordering, must specify Watts or Lumens. Consult factory for availability.				
DIM	0-10V dimming driver. 10% at lowest level.				
PC	Photoelectric switch.				
GLR	Fuse and fuse holder.				
EMB310	650 lumen self contained, 90 minute emergency battery pack. 0°C (32°F) to 55°C (131°F). Meets CA Title 20 Standards.				
EMB20R	Stand-alone inverter that will operate a 25W maximum load for 90 minutes. Select ceiling grid, recessed wall or surface mount. 20°C (68°F) to 30°C (86°F).				
EMB125R	Stand-alone inverter that will operate a 125W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F).				
EMB250R	Stand-alone inverter that will operate a 250W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F).				
EMB375R	Stand-alone inverter that will operate a 375W maximum load for 90 minutes. 20°C (68°F) to 30°C (86°F).				
TX/SD	TORX® head bit.				

PHOTOMETRIC DATA

Model	Watts	Input Watts	Delivered Lumens		Delivered Lumens		Delivered Lumens		Delivered Lumens		Delivered Lumens	
			Clear	Opal	Clear	Opal	Clear	Opal	Clear	Opal	Clear	Opal
			2700K		3000K		3500K		4000K		5000K	
AOV13	5W	7.5	613	623	621	632	633	644	652	663	672	683
AOV13	15W	13.5	1157	1175	1172	1192	1194	1215	1231	1251	1267	1289
YOVH13	15W	13.5	541	550	548	559	560	570	576	586	593	603
YOVV13	15W	13.5	545	554	551	561	562	572	580	590	597	607
AOH13HO	20W	19.7	1595	1622	1617	1644	1647	1675	1697	1726	1748	1777
YOVH13HO	20W	19.7	746	758	756	769	770	783	794	807	818	831
YOVV13HO	20W	19.7	750	762	759	772	773	786	798	811	822	835
xxOV13-*PRD	PRD		Programmable Driver. Specify Wattage or Delivered Lumens in Ordering Information									

MOUNTING PLATE DETAILS

