



WALL / CEILING MOUNT  
LED

# ARIA 13

AOV13 BOVH13 BOW13

Vandal Resistant

XOV13 YOVH13 YOV13

AOV 13 Series LED

Fixture Type

Date

Job Name

Approved By

Catalog Number

## SPECIFICATIONS

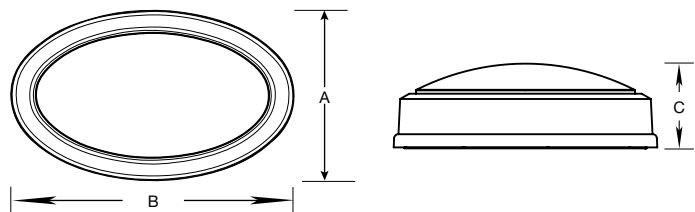
ADA Compliant



<b>Description</b>	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.
<b>Trim</b>	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.
<b>Lens</b>	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.
<b>Reflector</b>	Die formed heavy gauge specular aluminum, shaped for maximum efficiency.
<b>Base Plate</b>	Pressure die cast marine grade aluminum. Chemically primed and finished with electrostatically applied polyester powder coat.
<b>Driver</b>	Constant current drivers, 120-277V.
<b>LED</b>	Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L <sub>70</sub> projected life of over 130,000 hours at 50°C. Ten year warranty on LED boards against operational defects.
<b>Gasket</b>	Closed cell die cut neoprene gasket provided between fixture base plate and mounting surface. High temperature silicone O-ring between lens and base plate.
<b>Listings</b>	U.L., C.U.L., Wet standard. 1598a Marine Listed.
<b>Lifetime Warranty</b>	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	8.75	13.13	3.85
BOVH 13	8.75	13.13	4.00
BOW 13	8.75	13.13	4.00
XOV 13	8.75	13.13	4.00
YOVH13	8.75	13.13	4.00
YOV 13	8.75	13.13	4.00



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XOV13H YOVH13 YOVV13

AOV 13 Series LED

## ORDERING INFORMATION

SERIES	LED	CCT	VOLTS	DRIVER	LENS	COLOR	OPTIONS		TX/SD
AOV 13	5W	2700K	120-277	CC	CP	BLK	DIM	EMB310	
BOVH 13	15W	3000K		DIM	OP	WHT	PC	EMB20R	
BOVV 13		3500K		PRD		BRZ	GLR	EMB125R	
XOV 13		4000K				GRY	CAB	EMB250R	
YOVH 13		5000K				CUST	WMC	EMB375R	
YOVV 13									
	Specify Watts or Lumens Above								

CC = Constant Current (Standard)

DIM = 0-10V Dimming, 10% at lowest level

PRD = Programmable driver. Specify Watts or Lumens in Ordering Information.

## TRIM OPTIONS



## OPTIONS

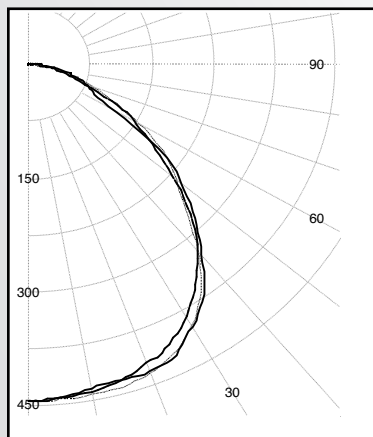
LENS	CP = Clear Prismatic Standard	OP = Opal Optional			
COLORS	BLK = Black	WHT = White	BRZ = Bronze	GRY = Gray	CUST = Custom Color (Consult Factory)
PRD	Programmable driver. When ordering, must specify Watts or Lumens. Consult factory for availability.				
DIM	0-10V dimming driver. 10% at lowest level.				
PC	Photoelectric switch (requires CAB option).				
GLR	Fuse and fuse holder.				
CAB	Cast aluminum back box. Provided with (5) 1/2" i.p.t. holes for conduit entry and (4) threaded plugs. Chemically primed and finished with electrostatically applied polyester powder coat. (CAB height 3.74")				
WMC	Cast aluminum 700 series wiremold adapter.				
EMB310	650 lumen self contained, 90 minute emergency battery pack. CAB option required. 0°C (32°F) to 55°C (131°F). Meets CA Title 20 Standards.				
EMB20R	Remote mounted micro inverter that will operate a 20W maximum load for 90 minutes. 0°C (32°F) to 50°C (122°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
YOV13	15W	13.5	545	554	551	561	562	572	580	590	597	607
AOVH13HO	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
YOV13HO	20W	19.7	750	762	759	772	773	786	798	811	822	835
xxOV13- *PRD	PRD		Specify Wattage or Delivered Lumens in Ordering Information									

### MODEL AOV13-15W 4000K CP

Delivered Lumens: 1,140 Lumens



### IES FILE: AOV13-15W 4000K CP

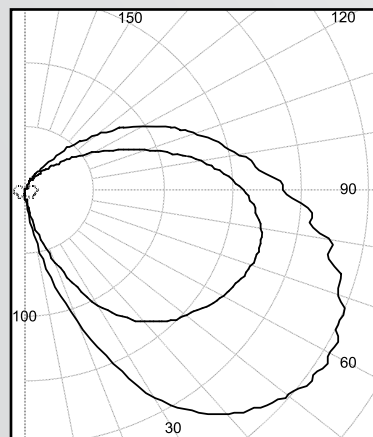
Total Power: 13.5W

Testing was performed in accordance with IES LM-79-08

Zone	Lumens	% Lamps
0 - 30	354	31.1
0 - 40	578	50.7
0 - 60	957	83.9
60 - 90	1132	15.4
0 - 90	553	99.3
90 - 180	175	0.7
0 - 180	1140	100.0

### MODEL YOV13-15W 4000K CP

Delivered Lumens: 580 Lumens



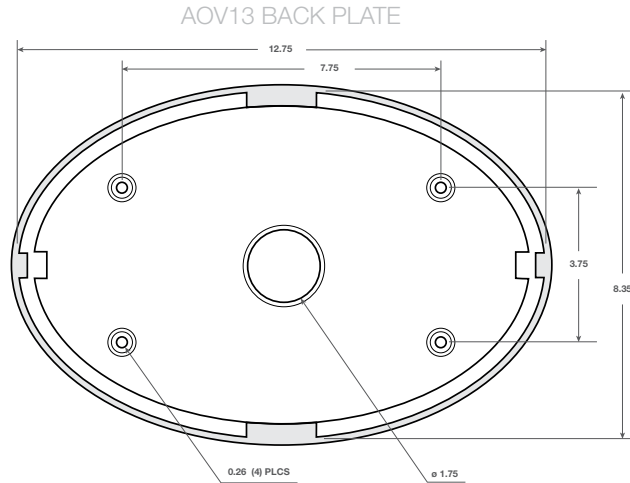
### IES FILE: YOV13-15W 4000K CP

Total Power: 13.3W

Testing was performed in accordance with IES LM-79-08

Zone	Lumens	% Lamps
0 - 30	26	31.1
0 - 40	62	50.7
0 - 60	179	83.9
60 - 90	1132	15.4
0 - 90	402	99.3
90 - 180	179	0.7
0 - 180	580	100.0

## MOUNTING PLATE DETAILS



## CAB DETAILS

