

ARIA SCONCE LED Specifications



Project Name:

Catalog Number:

Type:

The **Aria - Wall Sconce** offers a contemporary architectural shape, superior mechanical features combined with high performance and low maintenance LED sources.

The **ARS-1** is a low-profile luminaire designed to integrate easily into any architectural environment. The **ARS-1** is a full-cutoff, Dark-Sky approved luminaire.

Ordering Information

MODEL	OPTICS	SOURCE	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS	OPTIONS
ARS-1	T2 Type 2	16LC	3 350mA	3K 3000K	UNV 120-277V	WM Wall Mount	GY Grey	PC-120 Button Type Photocell	VRH Vandal Resistant Hardware
	T3 Type 3	32LC	5 530mA	4K 4000K	8 347V		SL Silver Metallic	PC-208 Button Type Photocell	ACB Aria Conduit Box
	T4 Type 4		7 700mA	5K 5000K	5 480V		BK Black	PC-240 Button Type Photocell	EBPL Emergency Battery Pack *Universal Voltage only Rated for 10° C to 50° C
							SBK Smooth Black	PC-277 Button Type Photocell	EBPL-CLD Cold Weather Emergency Battery Pack *Univer*Uni- versal Voltage only Rated for -20° C to 50° C
							WH White	WSC-8 Motion Sensor 8' Mounting Height	
							SWH Smooth White	WSC-20 Motion Sensor 9-20' Mounting Height *WSC options will require (1) FSIR 100 remote for programming	
							BZ Bronze		DIM 0-10v Dimming Driver
							GP Graphite		
							CC Custom Color		

Features & Specifications

ARIA SCONCE

Housing

Die cast aluminum, permanently sealed and spun aluminum tops feature a die cast, tool-less entry door frame with one-piece, extruded silicone gasket. A quick-mount bracket is supplied for ease of installation.

Thermal Management

- The Aria Sconce Series provides excellent overall thermal management by maximizing the fixture's heat sink capabilities. This enables the Aria Sconce Series to withstand higher ambient temperatures and drive currents without degrading LED life.
- The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output. The Aria Sconce Series LEDs have been determined to last a minimum of 100,000 hours in 25°C environments when driven at 350 mA.

Optical System

- The highest lumen output, LEDs are utilized in the Aria Sconce Series. IES distribution Types II, III & IV are available.
- CRI values are 70.

Quali-Guard® Finish

- The finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 millimeter thickness. Finish is oven-baked at 400 °F to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors. Finish is guaranteed for five (5) years.

Electrical Assembly

- The Aria Sconce Series is supplied with a choice of 350 or 530 mA high-performance LED drivers, that accept 120v, 50 Hz to 60 Hz, input. Power factor of 95%. Rated for -40 °C to +55 °C operations.
- 10 kV surge protector supplied as standard.

Warranty

- Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit VisionaireLighting.com.

Options

- Button Type Photo Cell
- Motion Sensor
- Vandal Resistant Hardware
- Aria Conduit Box
- Emergency Battery Pack
- Cold Weather Emergency Battery Pack (Rated for -20°C)
- 0-10v Dimming Driver

Listings

- Aria Sconce Series is UL listed, suitable for wet locations
- Powder Coated Tough™

3000K must be selected for IDA certification.



Motion Sensor Default Setting									
Type	High Mode	Low Mode	Time Delay	Cut off Delay	Sensitivity	Hold Off Set Point	Photocell On/Off	Ramp up Time	Fade Down Time
WSC- Default	10V	1V	5 Min	1 Hour	Max	Disabled	Disabled	Disabled	Disabled
WSC Range	0-10V	0-9.8V	5-30 Min	1-5 Hours	Low, Med, Max	1-250FC	1-250FC	1-60 Dec	1-60 Dec

Aria Wall Sconce - ELECTRICAL LOAD (A)								
Ordering Nomenclature	System Watts	120	208	240	277	347	480	
ARS-1-T3-16LC-3-4K	19	0.16	0.09	0.08	0.07	0.05	0.04	
ARS-1-T3-16LC-5-4K	28	0.23	0.13	0.12	0.10	0.08	0.06	
ARS-1-T3-16LC-7-4K	37	0.31	0.18	0.15	0.13	0.11	0.08	
ARS-1-T3-32LC-3-4K	36	0.30	0.17	0.15	0.13	0.10	0.08	
ARS-1-T3-32LC-5-4K	53	0.44	0.25	0.22	0.19	0.15	0.11	
ARS-1-T3-32LC-7-4K	71	0.59	0.34	0.30	0.26	0.20	0.15	

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Photometric Optical Summary

T2
Type 2



T3
Type 3



T4
Type 4



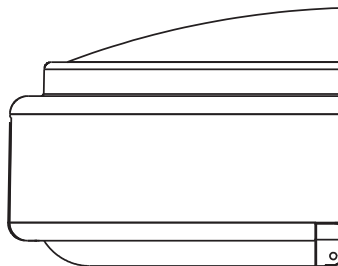
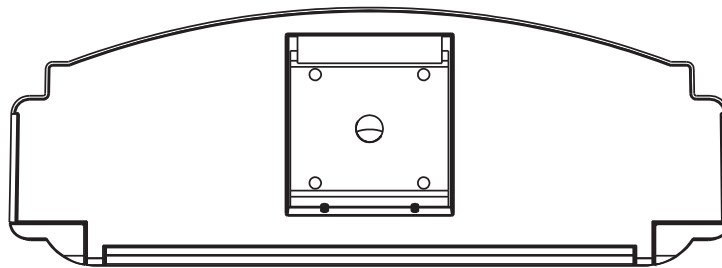
Dimensions

Width: ARS-1 20"

Height: ARS-1 7.25"

Depth: ARS-1 10"

Weight: 17 LBS



LED Specifications **ARIA SCONCE**

LUMENS 3K					
# LEDs	Current (mA)	T2	T3	T4	WATTS
16LC	350	2598	2585	2609	19
	530	3659	3641	3675	28
	700	4368	4347	4387	37
32LC	350	4775	4751	4795	36
	530	6725	6693	6754	53
	700	8029	7990	8063	71
LUMENS 4K					
# LEDs	Current (mA)	T2	T3	T4	WATTS
16LC	350	2709	2696	2721	19
	530	3816	3797	3832	28
	700	4556	4533	4575	37
32LC	350	4980	4955	5001	36
	530	7014	6980	7044	53
	700	8374	8333	8410	71
LUMENS 5K					
# LEDs	Current (mA)	T2	T3	T4	WATTS
16LC	350	2795	2782	2807	19
	530	3937	3918	3954	28
	700	4700	4677	4721	37
32LC	350	5138	5113	5160	36
	530	7237	7202	7268	53
	700	8640	8598	8677	71
Visit www.visionairelighting.com for up-to-the-minute lumen chart information, including types not listed here.					