California Aria Size2 LED

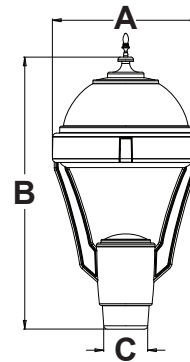| Project Name:	Catalog Number:	Type

Dimensional Drawings

CAL-2-L

CAL-2-L

Fixture	A	B	C	Max. LEDs	Lbs
CAL-2-L	20"	37⅛"	6"	84	42

Beauty meets performance in this feature-rich and highly versatile **California Aria** luminaire series. The **California Aria LED** offers excellent control and an exceptionally long life (minimum 100,000 hours). Our high-efficiency light engines house our latest high-brightness, **EVO**/**C LEDs** for a minimum CRI of 70, and increased energy savings. Available in 4,000 or 5,500 Kelvin.

The **California Aria's** fully-sealed housing features an exceptionally well-designed thermal management system that provides superior heat dissipationfor the LEDs.

The **California Aria** is a strong, die cast aluminum fixture, manufactured in five architecturally pleasing housing styles, with mix and match finials and a variety of finishes to choose from. Tool-less entry makes this luminaire's maintenance a breeze.

This post top luminaire is a IES full cutoff fixture; and is Dark-Sky certified to restrict light trespass, glare and light pollution for neighborhood-friendly outdoor lighting that is especially desirable in any pedestrian locale.

The **California Aria** is a perfect compliment to any shopping center, park, walkway or boardwalk environment.

Model	Optics	# of LEDs	Milliamps	Source	Kelvin	Voltage	Mounting	Finish	Options
CAL-2-L	Type I **(T1)**	42 **(42LC)**	<u>mA</u> 350 **(3)**	LED **(LED)**	4000K *Neutral white **(4K)**	120-277 *Universal voltage **(UNV)**	Post Top *Slips over 3"ØD tenon × 4½" tall with special threaded mounting plate.	Bronze **(BZ)**	<u>Finials</u>
	Type II **(T2)**	84 **(84LC)**	530 **(5)**		5500K *Cool white **(55K)**	480 **(5)**	Requires special tenon adaptor if poles are not Visionaire Lighting poles. **(PT)**	Black **(BK)**	No. 1 **(FIN1)** No. 2 **(FIN2)** No. 3 **(FIN3)** No. 4 **(FIN4)**
	Type III **(T3)**					347 **(8)**		White **(WH)**	Button Type Photocell *Specify voltage **(PC120)** **(PC208)** **(PC240)** **(PC277)**
	Type IV **(T4)**							Forest Green **(FG)**	Dual Circuit **(DC)**
	Type V **(T5)**							Silver Metallic **(SL)**	<u>Fusing</u> *Specify voltage Single in-line fuse **(SF120)** **(SF277)** Double in-line fuse **(DF208)** **(DF240)**
	Type V-W **(T5W)**							Weathered Brown **(WB)**	Cutoff Louver System **(CLS)**
								Soft Gold **(SG)**	Dimming/Controls *Consult factory
		LED - Light Emitting Diode						Custom Color **(CC)**	0-10 V Dimming Driver *No controls **(DIM)**
									10KV Surge Proctector **(10KV)**

VISIONAIRE LIGHTING
Performance In A Whole New Light®

ARCHITECTURAL

Housing
• Die cast aluminum fixture housing is 20" diameter with integral tool-less push latch sealing mechanism. Housing features a choice of five heavy-duty, spun aluminum tops.

Thermal Management
• The **California Aria** provides excellent overall thermal management by maximizing the efficiency of the heat sink in the fixture. This enables the **California Aria** to withstand higher ambient temperatures and higher drive currents without degrading LED life.

Door Frame
• Die cast aluminum door frame incorporates one-piece silicone channel gasket to seal the housing completely. The tool-less push latch allows the housing to hinge upwards for access to the LEDs; and is supported with a hinge and latch mechanism.
• Silicone gasket for complete weather and insect protection.

Optical System
• The highest lumen output **Evo/C LEDs** are utilized. Estimated life of the LEDs is 100,000+ hours. IES distributions Types I, II, III, IV and V are standard. Available with up to 84 LEDs. The optical system qualifies as IES full cutoff; and is Dark-Sky certified to restrict light trespass, glare and light pollution for neighborhood-friendly lighting.
• CRI values are 70 for 4000K and 75 for 5500K.

Quali-Guard® Finish
• Fixture components are chemically pretreated through a multiple stage washer and finished with an electrostatically applied, thermoset polyester powder coat textured paint with a 3 to 5 mils thickness. Finish is oven baked at 400 ºF for maximum adherence and finish hardness.
• Available in standard and custom colors.
• Finish is guaranteed for five (5) years.

Post Top Mount
• The **California Aria's** contractor-friendly mounting hardware is concealed inside the post-top fitter; which slips over 3" O.D. x 4" tall tenon with a special threaded mounting plate and is secured by a high-strength bolt. No exposed hardware.

Electrical Assembly
• The **California Aria LED series** is supplied with a high-performance LED driver, that accepts 120 V through 277 V, 50 Hz to 60 Hz input. Power factor is 90%. Rated for -40 ºF operation.
• 3 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.

Solar Panel Option
• The **California Aria LED** is compatible for use with Visionaire Lighting's Solar Panel Pole™.

Options
• Finials
• Button type photocell
• Dual circuit
• 10KV Surge Protector
• Fusing
• Cutoff louver system
• 0-10 V dimming driver

Please consult factory for detailed custom options.

Listings
• **California Aria** is ETL listed, suitable for wet locations.
• Dark-Sky Friendly® certified by the International Dark-Sky Association.
• LM79 and LM80.
• Powder Coated Tough™ POWDER COATED TOUGH™.
• RoHS compliant.

EPA Data

Fixture Only	●
CAL-2-L	2.3

Housing Shades

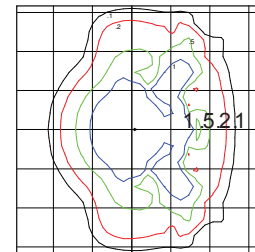| CAL-1-L NO FINIAL	CAL-2-L FIN2	CAL-3-L FIN1	CAL-4-L FIN1	CAL-5-L NO FINIAL

Isolux Curve

CAL ARIA-1 ISOLUX CURVE
TYPE III OPTICS
84 LEDs @ 530 mA

Scale: 1 Square = 20 ft
Initial Light Loss Factor = 1.00
Total Lumens Per Luminaire = 0
Mounting Height = 16 ft
Arrangement: Single

LED Data Chart for 5500K*

# Bars	# LEDs	Output mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5-W	System Watts	L70 Hours
1	42	350	3,840	3,941	3,754	3,811	3,988	4,140	46	150,000
		530	4,647	5,132	4,925	4,855	5,410	5,644	68	100,000
2	84	350	7,507	7,883	6,663	7,320	7,976	8,280	92	150,000
		530	9,155	10,265	9,988	9,710	10,820	11,288	136	100,000

Visit www.VisionaireLighting.com for up-to-the-minute chart information, including types not listed here.
* For 4000K multiply values by 0.90