

# CAL ARIA LED Specifications



Project Name:

Catalog Number:

Type:

Beauty meets performance in this feature-rich and highly versatile **California Aria** luminaire series. The California Aria LED Array offers excellent control and an exceptionally long life. Our high-efficiency light engines house our latest LEDs for a CRI of 70, and increased energy savings. Available in 3,000, 4,000 or 5000 Kelvin.





The California Aria Arrays fully-sealed housing features an exceptionally well-designed thermal management system that provides superior heat dissipation.

The California Aria Array is a strong, die cast aluminum fixture, manufactured in five architecturally pleasing 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 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.

## Ordering Information

MODEL	OPTICS	SOURCE	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS
<b>CAL-1-L</b>	<b>T1</b> Type 1	<b>16LC</b>	<b>3</b> 350mA	<b>3K</b> 3000K	<b>UNV</b> 120-277V	<b>PT</b> Post Top Slips over 3"ØD tenon × 4 1/2" tall with special threaded mounting plate.	<b>BZ</b> Bronze	<b>FIN1</b> 
<b>CAL-3-L</b>	<b>T2</b> Type 2	<b>32LC</b>	<b>5</b> 530mA	<b>4K</b> 4000K	<b>8</b> 347V	* Requires special tenon adaptor if poles are not Visionaire Lighting poles.	<b>BK</b> Black	<b>FIN2</b> 
<b>CAL-5-L</b>	<b>T3</b> Type 3	<b>48LC</b>		<b>5K</b> 5000K	<b>5</b> 480V		<b>SBK</b> Smooth Black	<b>FIN3</b> 
	<b>T4</b> Type 4	<b>64LC</b>					<b>WH</b> White	<b>FIN4</b> 
	<b>T4A</b> Type 4 Automotive	<b>80LC</b>					<b>SWH</b> Smooth White	<b>PC-120</b> Button Type Photocell
	<b>T5</b> Type 5	<b>96LC</b>					<b>GP</b> Graphite	<b>PC-208</b> Button Type Photocell
	<b>T5W</b> Type 5 Wide						<b>GY</b> Grey	<b>PC-240</b> Button Type Photocell
							<b>SL</b> Silver Metallic	<b>PC-277</b> Button Type Photocell
							<b>CC</b> Custom Color	<b>CLS</b> Cut-Off Light Shield
								<b>DIM</b> 0-10V Dimming Driver
								<b>VWC</b> Visionaire Wireless Controls *Consult Factory

# Features & Specifications

**CAL ARIA**

## 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 Array 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 LED Arrays are utilized. The L70 test determines the point in an LED's life when it reaches 70 percent of its initial output LEDs have been determined to last a minimum of 100,000 hours in 25° C environments when driven at 350 mA. CRI values are 70.
- IES distributions Types I, II, III, IV, IV-A, V, V-S, and V-L are standard. The optical system qualifies as IES full cutoff to restrict light trespass, glare and light pollution for neighborhood-friendly lighting.

## 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 °F 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 1/2" 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 480 V, 50 Hz to 60 Hz input. Power factor is 90%. Rated for -40 oF operation.
- 10 kV surge protector supplied as standard.

## Warranty

- FIVE (5) year Limited Warranty on electrical components, Five (5) year on finish. For full warranty information, please visit [visionairelighting.com](http://visionairelighting.com).

## Options

- Finials
- Button type photocell
- Cutoff louver system
- 0-10 V dimming driver
- Wireless Controls

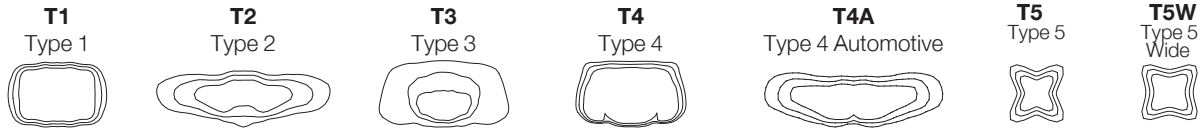
## Listings

- California Aria Array is cUL listed, suitable for wet locations.
- LM79 and LM80.
- Powder Coated Tough™ .
- RoHS compliant.
- IP-65



# CAL ARIA LED Specifications

## Photometric Optical Summary



<b>EPA Data</b>	●	●	●
	<b>CAL-1-L</b> 2.3	<b>CAL-3-L</b> 2.2	<b>CAL-5-L</b> 1.9

## Dimensions

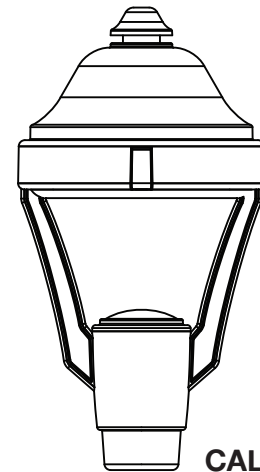
CAL ARIA 1	CAL ARIA 3	CAL ARIA 5
<b>Width:</b> CAL-1-L 20"	<b>Width:</b> CAL-3-L 20"	<b>Width:</b> CAL-5-L 20"
<b>Height:</b> CAL-1-L 37.5"	<b>Height:</b> CAL-3-L 35.75"	<b>Height:</b> CAL-5-L 29.75"
<b>Weight:</b> 41 LBS	<b>Weight:</b> 39 LBS	<b>Weight:</b> 38 LBS



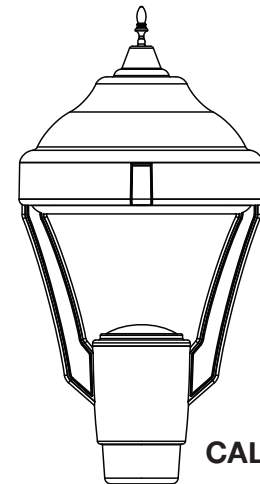
**CAL-1-L**  
**NO FINIAL**

**CAL-3-L**  
**FIN1**

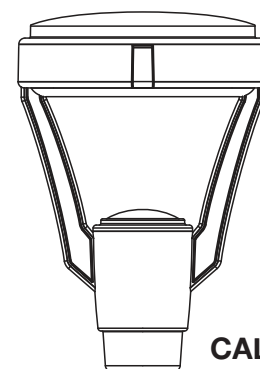
**CAL-5-L**  
**NO FINIAL**



**CAL ARIA 1**



**CAL ARIA 3**



**CAL ARIA 5**



CAL ARIA - 3K LUMEN CHART										
LEDS	Current(mA)	T1	T2	T3	T4	T4A	T5	T5W	T5WR	Wattage
16	350	2205	2040	2032	1991	2145	2231	2015	2032	18
	530	3175	2937	2926	2867	3089	3213	2902	2926	26
32	350	4666	4317	4300	4214	4540	4722	4265	4300	35
	530	6681	6182	6158	6035	6501	6762	6107	6158	52
48	350	6994	6471	6446	6317	6805	7078	6392	6445	53
	530	9375	8674	8641	8468	9123	9489	8569	8641	78
64	350	7579	7648	7401	7451	8027	8091	7894	7799	69
	530	10773	10871	10521	10591	11409	11501	11221	11085	105
80	350	9352	9437	9133	9194	9904	9984	9741	9623	85
	530	13156	13275	12847	12933	13932	14044	13702	13537	129
96	350	10711	10809	10460	10530	11344	11435	11156	11022	100
	530	15191	15329	14834	14933	16087	16217	15821	15631	154

CAL ARIA - 4K LUMEN CHART										
LEDS	Current(mA)	T1	T2	T3	T4	T4A	T5	T5W	T5WR	Wattage
16	350	2227	2060	2052	2011	2167	2254	2035	2037	18
	530	3207	2967	2955	2896	3120	3245	2931	2933	26
32	350	4713	4361	4344	4556	4908	4770	4308	4311	35
	530	6749	6244	6220	6096	6567	6830	6168	6173	52
48	350	7064	6536	6511	6323	6811	7150	6457	6462	53
	530	9470	8762	8728	8554	9215	9584	8656	8662	78
64	350	8390	8467	8194	8248	8886	8957	8739	8633	69
	530	11926	12035	11647	11724	12630	12732	12422	12272	105
80	350	10353	10447	10110	10178	10964	11052	10783	10653	85
	530	14564	14696	14222	14317	15423	15547	15168	14986	129
96	350	11858	11965	11580	11657	12558	12658	12350	12201	100
	530	16816	16969	16422	16531	17809	17952	17515	17303	154

CAL ARIA - 5K LUMEN CHART										
LEDS	Current(mA)	T1	T2	T3	T4	T4A	T5	T5W	T5WR	Wattage
16	350	2321	2147	2139	2083	2244	2349	2121	2139	18
	530	3342	3092	3080	3018	3252	3382	3054	3080	26
32	350	4911	4544	4527	4436	4779	4971	4489	4527	35
	530	7033	6507	6482	6352	6843	7118	6428	6482	52
48	350	7362	6811	6785	6650	7163	7451	6729	6786	53
	530	9868	9131	9095	8914	9603	9988	9020	9095	78
64	350	8390	8467	8194	8248	8886	8957	8739	8633	69
	530	11926	12035	11647	11724	12630	12732	12422	12272	105
80	350	10353	10447	10110	10178	10964	11052	10783	10653	85
	530	14564	14696	14222	14317	15423	15547	15168	14986	129
96	350	11858	11965	11580	11657	12558	12658	12350	12201	100
	530	16816	16969	16422	16531	17809	17952	17515	17303	154

# CAL ARIA LED Specifications

CAL ARIA - 3K LUMEN PER WATT CHART										
LEDS	Current(mA)	T1	T2	T3	T4	T4A	T5	T5W	T5WR	Wattage
16	350	124	115	115	112	121	126	114	115	18
	530	122	113	112	110	118	123	111	112	26
32	350	132	123	122	120	129	134	121	122	35
	530	128	119	118	116	125	130	117	118	52
48	350	132	122	122	119	128	134	121	122	53
	530	120	111	111	109	117	122	110	111	78
64	350	110	111	107	108	116	117	115	113	69
	530	103	104	100	101	109	110	107	106	105
80	350	110	111	108	108	117	118	115	113	85
	530	102	103	99	100	108	109	106	105	129
96	350	107	108	105	106	114	115	112	110	100
	530	98	99	96	97	104	105	103	101	154

CAL ARIA - 4K LUMEN PER WATT CHART										
LEDS	Current(mA)	T1	T2	T3	T4	T4A	T5	T5W	T5WR	Wattage
16	350	126	116	116	113	122	127	115	115	18
	530	123	114	113	111	120	124	112	113	26
32	350	134	124	123	129	139	135	122	122	35
	530	130	120	120	117	126	131	119	119	52
48	350	133	123	123	119	129	135	122	122	53
	530	121	112	112	110	118	123	111	111	78
64	350	122	123	119	120	129	130	127	125	69
	530	114	115	111	112	121	121	119	117	105
80	350	122	123	119	120	129	130	127	126	85
	530	113	114	110	111	119	120	117	116	129
96	350	119	120	116	117	126	127	124	122	100
	530	109	110	106	107	115	116	114	112	154

CAL ARIA - 5K LUMEN PER WATT CHART										
LEDS	Current(mA)	T1	T2	T3	T4	T4A	T5	T5W	T5WR	Wattage
16	350	131	121	121	117	127	132	120	121	18
	530	128	119	118	116	125	130	117	118	26
32	350	139	129	128	126	136	141	127	128	35
	530	135	125	125	122	132	137	124	125	52
48	350	139	129	128	125	135	141	127	128	53
	530	127	117	117	114	123	128	116	117	78
64	350	122	123	119	120	129	130	127	125	69
	530	114	115	111	112	121	121	119	117	105
80	350	122	123	119	120	129	130	127	126	85
	530	113	114	110	111	119	120	117	116	129
96	350	119	120	116	117	126	127	124	122	100
	530	109	110	106	107	115	116	114	112	154

CAL ARIA - 3K BUG CHART																													
LEDS	Current(mA)	T1			T2			T3			T4			T4A			T5			T5W			T5WR			Wattage			
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G				
16	350	2	0	2	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	2	0	1	2	0	1	2	0	1	18
	530	2	0	2	1	0	2	1	0	1	1	0	1	1	0	1	1	0	1	2	0	1	2	0	1	2	0	1	26
32	350	3	0	3	1	0	2	1	0	1	1	0	1	1	0	1	2	0	1	3	0	1	3	0	1	3	0	1	35
	530	3	0	3	2	0	2	2	0	2	2	0	2	1	0	1	3	0	1	3	0	2	3	0	2	3	0	1	52
48	350	3	0	3	2	0	2	2	0	2	2	0	2	1	0	1	3	0	1	3	0	2	3	0	2	3	0	1	53
	530	3	0	3	2	0	3	2	0	2	2	0	2	2	0	2	3	0	1	3	0	2	3	0	2	3	0	2	78
64	350	3	0	3	2	0	3	2	0	2	2	0	2	2	0	2	3	0	1	3	0	2	3	0	2	3	0	2	69
	530	3	0	3	3	0	3	3	0	3	2	0	2	2	0	2	3	0	2	4	0	2	4	0	2	4	0	2	105
80	350	3	0	3	2	0	3	2	0	2	2	0	2	2	0	2	3	0	1	4	0	2	3	0	2	3	0	2	85
	530	4	0	4	3	0	3	3	0	3	3	0	3	2	0	2	3	0	2	4	0	3	4	0	3	4	0	2	129
96	350	3	0	3	3	0	3	3	0	3	2	0	2	2	0	2	3	0	2	4	0	2	4	0	2	4	0	2	100
	530	4	0	4	3	0	4	3	0	3	3	0	3	2	0	2	4	0	2	4	0	3	4	0	3	4	0	2	154

CAL ARIA - 4K BUG CHART																													
LEDS	Current(mA)	T1			T2			T3			T4			T4A			T5			T5W			T5WR			Wattage			
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G				
16	350	2	0	2	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	2	0	1	2	0	1	2	0	1	18
	530	2	0	2	1	0	2	1	0	1	1	0	1	1	0	1	2	0	1	2	0	1	2	0	1	2	0	1	26
32	350	3	0	3	1	0	2	1	0	1	1	0	1	1	0	1	2	0	1	3	0	1	3	0	1	3	0	1	35
	530	3	0	3	2	0	2	2	0	2	2	0	2	1	0	1	3	0	1	3	0	2	3	0	2	3	0	1	52
48	350	3	0	3	2	0	3	2	0	2	2	0	2	2	0	1	3	0	1	3	0	2	3	0	2	3	0	1	53
	530	3	0	3	2	0	3	2	0	2	2	0	2	2	0	2	3	0	1	3	0	2	3	0	2	3	0	2	78
64	350	3	0	3	2	0	3	2	0	2	2	0	2	2	0	2	3	0	1	3	0	2	3	0	2	3	0	2	69
	530	4	0	4	3	0	3	3	0	3	3	0	3	2	0	2	3	0	2	4	0	2	4	0	2	4	0	2	105
80	350	3	0	3	2	0	3	2	0	2	2	0	2	2	0	2	3	0	2	4	0	2	4	0	2	4	0	2	85
	530	4	0	4	3	0	4	3	0	3	3	0	3	2	0	2	4	0	2	4	0	3	4	0	3	4	0	2	129
96	350	4	0	4	3	0	3	3	0	3	3	0	3	2	0	2	3	0	2	4	0	2	4	0	2	4	0	2	100
	530	4	0	4	3	0	4	3	0	3	3	0	3	3	0	3	4	0	2	4	0	3	4	0	3	4	0	3	154

CAL ARIA - 5K BUG CHART																													
LEDS	Current(mA)	T1			T2			T3			T4			T4A			T5			T5W			T5WR			Wattage			
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G				
16	350	2	0	2	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	2	0	1	2	0	1	2	0	1	18
	530	2	0	2	1	0	2	1	0	1	1	0	1	1	0	1	2	0	1	2	0	1	2	0	1	2	0	1	26
32	350	3	0	3	1	0	2	1	0	1	1	0	1	1	0	1	2	0	1	3	0	1	3	0	1	3	0	1	35
	530	3	0	3	2	0	2	2	0	2	2	0	2	1	0	1	3	0	1	3	0	2	3	0	2	3	0	1	52
48	350	3	0	3	2	0	3	2	0	2	2	0	2	2	0	1	3	0	1	3	0	2	3	0	2	3	0	1	53
	530	3	0	3	2	0	3	2	0	2	2	0	2	2	0	2	3	0	1	3	0	2	3	0	2	3	0	2	78
64	350	3	0	3	2	0	3	2	0	2	2	0	2	2	0	2	3	0	1	3	0	2	3	0	2	3	0	2	69
	530	4	0	4	3	0	3	3	0	3	3	0	3	2	0	2	3	0	2	4	0	2	4	0	2	4	0	2	105
80	350	3	0	3	2	0	3	2	0	2	2	0	2	2	0	2	3	0	2	4	0	2	4	0	2	4	0	2	85
	530	4	0	4	3	0	4	3	0	3	3	0	3	2	0	2	4	0	2	4	0	3	4	0	3	4	0	2	129
96	350	4	0	4	3	0	3	3	0	3	3	0	3	2	0	2	3	0	2	4	0	2	4	0	2	4	0	2	100
	530	4	0	4	3	0	4	3	0	3	3	0	3	3	0	3	4	0	2	4	0	3	4	0	3	4	0	3	154

# CAL ARIA LED Specifications

CAL ARIA - CUTOFF LOUVER SHIELD - 3K LUMEN CHART										
LEDS	Current(mA)	T1	T2	T3	T4	T4A	T5	T5W	T5WR	Wattage
16	350	1741	1611	1605	1573	1694	1762	1592	1605	18
	530	2507	2320	2311	2265	2440	2538	2292	2311	26
32	350	3685	3409	3396	3328	3586	3730	3368	3396	35
	530	5277	4882	4863	4766	5135	5341	4823	4864	52
48	350	5523	5111	5091	4989	5375	5590	5049	5091	53
	530	7404	6851	6824	6688	7205	7494	6768	6824	78
64	350	5986	6040	5846	5885	6339	6390	6235	6159	69
	530	8509	8586	8309	8365	9011	9083	8862	8755	105
80	350	7386	7453	7213	7261	7822	7885	7693	7600	85
	530	10390	10485	10147	10214	11004	11092	10822	10691	129
96	350	8460	8537	8261	8316	8959	9031	8811	8705	100
	530	11998	12107	11716	11794	12706	12808	12496	12345	154

CAL ARIA - CUTOFF LOUVER SHIELD - 4K LUMEN CHART										
LEDS	Current(mA)	T1	T2	T3	T4	T4A	T5	T5W	T5WR	Wattage
16	350	1759	1627	1621	1589	1711	1780	1608	1609	18
	530	2533	2343	2334	2288	2464	2563	2315	2317	26
32	350	3722	3444	3431	3598	3876	3767	3402	3405	35
	530	5330	4932	4913	4814	5187	5395	4872	4875	52
48	350	5579	5162	5142	4994	5380	5647	5100	5104	53
	530	7479	6920	6893	6756	7278	7570	6836	6841	78
64	350	6627	6687	6471	6514	7018	7074	6902	6819	69
	530	9419	9505	9198	9260	9975	10056	9810	9692	105
80	350	8177	8251	7985	8038	8659	8729	8516	8414	85
	530	11502	11607	11233	11307	12181	12279	11980	11836	129
96	350	9365	9450	9145	9206	9918	9998	9754	9636	100
	530	13281	13402	12970	13056	14065	14178	13833	13666	154

CAL ARIA - CUTOFF LOUVER SHIELD - 5K LUMEN CHART										
LEDS	Current(mA)	T1	T2	T3	T4	T4A	T5	T5W	T5WR	Wattage
16	350	1833	1696	1689	1646	1773	1855	1675	1690	18
	530	2639	2442	2432	2384	2568	2671	2412	2433	26
32	350	3879	3589	3575	3504	3774	3926	3545	3575	35
	530	5554	5139	5119	5017	5405	5622	5077	5119	52
48	350	5814	5380	5359	5252	5657	5885	5314	5359	53
	530	7794	7212	7184	7040	7584	7888	7124	7183	78
64	350	6627	6687	6471	6514	7018	7074	6902	6819	69
	530	9419	9505	9198	9260	9975	10056	9810	9692	105
80	350	8177	8251	7985	8038	8659	8729	8516	8414	85
	530	11502	11607	11233	11307	12181	12279	11980	11836	129
96	350	9365	9450	9145	9206	9918	9998	9754	9636	100
	530	13281	13402	12970	13056	14065	14178	13833	13666	154

CAL ARIA - CUTOFF LOUVER SHIELD - 3K LUMEN PER WATT CHART										
LEDS	Current(mA)	T1	T2	T3	T4	T4A	T5	T5W	T5WR	Wattage
16	350	98	91	90	89	96	99	90	90	18
	530	96	89	89	87	94	97	88	89	26
32	350	105	97	96	94	102	106	96	96	35
	530	101	94	94	92	99	103	93	94	52
48	350	104	96	96	94	101	105	95	96	53
	530	95	88	87	86	92	96	87	87	78
64	350	87	88	85	85	92	93	90	89	69
	530	81	82	79	80	86	87	85	84	105
80	350	87	88	85	86	92	93	91	90	85
	530	80	81	78	79	85	86	84	83	129
96	350	85	86	83	83	90	90	88	87	100
	530	78	78	76	76	82	83	81	80	154

CAL ARIA - CUTOFF LOUVER SHIELD - 4K LUMEN PER WATT CHART										
LEDS	Current(mA)	T1	T2	T3	T4	T4A	T5	T5W	T5WR	Wattage
16	350	99	92	91	90	96	100	91	91	18
	530	97	90	90	88	95	98	89	89	26
32	350	106	98	97	102	110	107	97	97	35
	530	102	95	94	93	100	104	94	94	52
48	350	105	97	97	94	102	107	96	96	53
	530	96	89	88	87	93	97	88	88	78
64	350	96	97	94	95	102	103	100	99	69
	530	90	91	88	88	95	96	94	92	105
80	350	96	97	94	95	102	103	100	99	85
	530	89	90	87	87	94	95	93	92	129
96	350	94	95	92	92	99	100	98	97	100
	530	86	87	84	85	91	92	90	89	154

CAL ARIA - CUTOFF LOUVER SHIELD - 5K LUMEN PER WATT CHART										
LEDS	Current(mA)	T1	T2	T3	T4	T4A	T5	T5W	T5WR	Wattage
16	350	103	96	95	93	100	105	94	95	18
	530	101	94	93	91	99	102	93	93	26
32	350	110	102	101	99	107	111	101	101	35
	530	107	99	98	96	104	108	98	98	52
48	350	110	102	101	99	107	111	100	101	53
	530	100	92	92	90	97	101	91	92	78
64	350	96	97	94	95	102	103	100	99	69
	530	90	91	88	88	95	96	94	92	105
80	350	96	97	94	95	102	103	100	99	85
	530	89	90	87	87	94	95	93	92	129
96	350	94	95	92	92	99	100	98	97	100
	530	86	87	84	85	91	92	90	89	154



# CAL ARIA LED Specifications

CAL ARIA - CUTOFF LOUVER SHIELD - 3K BUG CHART																										
LEDS	Current(mA)	T1			T2			T3			T4			T4A			T5			T5W			T5WR			Wattage
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	1	0	1	0	0	1	0	0	1	0	0	1	0	0	1	1	0	1	1	0	1	1	0	1	18
	530	1	0	1	1	0	1	1	0	1	1	0	1	0	0	1	1	0	1	1	0	1	1	0	1	26
32	350	1	0	1	1	0	2	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	35
	530	2	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	52
48	350	2	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	53
	530	2	0	2	1	0	2	1	0	2	1	0	2	1	0	2	2	0	2	2	0	2	2	0	2	78
64	350	2	0	2	1	0	2	1	0	2	1	0	2	1	0	2	2	0	1	2	0	2	2	0	2	69
	530	2	0	2	1	0	3	2	0	2	2	0	3	1	0	2	2	0	2	2	0	2	2	0	2	105
80	350	2	0	2	1	0	3	1	0	2	1	0	2	1	0	2	2	0	2	2	0	2	2	0	2	85
	530	3	0	3	2	0	3	2	0	3	2	0	3	1	0	2	2	0	2	3	0	3	3	0	3	129
96	350	2	0	2	1	0	3	2	0	2	1	0	3	1	0	2	2	0	2	2	0	2	2	0	2	100
	530	3	0	3	2	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	154

CAL ARIA - CUTOFF LOUVER SHIELD - 4K BUG CHART																										
LEDS	Current(mA)	T1			T2			T3			T4			T4A			T5			T5W			T5WR			Wattage
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	1	0	1	0	0	1	0	0	1	0	0	1	0	0	1	1	0	1	1	0	1	1	0	1	18
	530	1	0	1	1	0	1	1	0	1	1	0	1	0	0	1	1	0	1	1	0	1	1	0	1	26
32	350	1	0	1	1	0	2	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	35
	530	2	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	52
48	350	2	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	53
	530	2	0	2	1	0	3	1	0	2	1	0	2	1	0	2	2	0	2	2	0	2	2	0	2	78
64	350	2	0	2	1	0	2	1	0	2	1	0	2	1	0	2	2	0	2	2	0	2	2	0	2	69
	530	3	0	3	2	0	3	2	0	3	2	0	3	1	0	2	2	0	2	3	0	3	3	0	3	105
80	350	2	0	2	1	0	3	2	0	2	1	0	2	1	0	2	2	0	2	2	0	2	2	0	2	85
	530	3	0	3	2	0	3	2	0	3	2	0	3	1	0	3	2	0	2	3	0	3	3	0	3	129
96	350	3	0	3	2	0	3	2	0	3	2	0	3	1	0	2	2	0	2	3	0	3	3	0	3	100
	530	3	0	3	2	0	3	2	0	3	2	0	3	2	0	3	3	0	3	3	0	3	3	0	3	154

CAL ARIA - CUTOFF LOUVER SHIELD - 5K BUG CHART																										
LEDS	Current(mA)	T1			T2			T3			T4			T4A			T5			T5W			T5WR			Wattage
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	1	0	1	0	0	1	0	0	1	0	0	1	0	0	1	1	0	1	1	0	1	1	0	1	18
	530	1	0	1	1	0	1	1	0	1	1	0	1	0	0	1	1	0	1	1	0	1	1	0	1	26
32	350	1	0	2	1	0	2	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	35
	530	2	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	52
48	350	2	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	53
	530	2	0	2	1	0	3	1	0	2	1	0	2	1	0	2	2	0	2	2	0	2	2	0	2	78
64	350	2	0	2	1	0	2	1	0	2	1	0	2	1	0	2	2	0	2	2	0	2	2	0	2	69
	530	3	0	3	2	0	3	2	0	3	2	0	3	1	0	2	2	0	2	3	0	3	3	0	3	105
80	350	2	0	2	1	0	3	2	0	2	1	0	2	1	0	2	2	0	2	2	0	2	2	0	2	85
	530	3	0	3	2	0	3	2	0	3	2	0	3	1	0	3	2	0	2	3	0	3	3	0	3	129
96	350	3	0	3	2	0	3	2	0	3	2	0	3	1	0	2	2	0	2	3	0	3	3	0	3	100
	530	3	0	3	2	0	3	2	0	3	2	0	3	2	0	3	3	0	3	3	0	3	3	0	3	154

### Bug Rating -

The subzones are individually rated on a scale from 0 to 5, going from lowest to highest luminous flux. The highest rating of a subzone is considered the overall rating for that zone, and these readings are compiled into the BUG lighting classification: for example, B3 U1 G0. The tables below, which are based on the standards established by the IES, show the thresholds for each subzone.

