

Santa Rosa LED Specifications



Project Name:

Catalog Number:

Type:

The **Santa Rosa LED** series lantern captures the look and feel of the Old West with turn-of-the-century styling. It bridges the era of the gas lamp into a new generation of style and sophistication, providing smooth, diffused illumination for safety and a beautiful lighting ambiance. **Santa Rosa** comes standard with a textured glass lens and coated lamp for a symmetrical lighting distribution pattern.

Available in 16, 32 or 48 LEDs. A durable polyester powder coat finish is available in a wide array of architectural colors to enhance any design application. The **Santa Rosa LED** lantern is ideal for street beautification projects, revitalization programs, parks and recreation areas, hotels, retail shopping areas, and many other areas where a more traditional look and feel is ideal.

Ordering Information

MODEL	OPTICS	SOURCE	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	OPTIONS
SRL-1	T1 Type 1	16LC	3 350mA	3K 3000K	UNV 120-277V	PT Post Top *Fits over 3" O.D. Tenon	BZ Bronze	PC-120 Button Type Photocell
	T2 Type 2	32LC	5 530mA	4K 4000K	5 480V		BK Black	PC-208 Button Type Photocell
	T3 Type 3	48LC		5K 5000K	8 347V	WM Wall Mount *Requires VA wall mount	SBK Smooth Black	PC-240 Button Type Photocell
	T4 Type 4						WH White	PC-277 Button Type Photocell
	T5 Type 5						SWH Smooth White	
	T5W Type 5 Wide						GP Graphite	CL Clear Lens
							GY Grey	LDL Lightly Diffused Lens
							SL Silver Metallic	ILS Internal Light Shield
							CC Custom Color	

Features & Specifications

Santa Rosa LED

Housing

- Decorative cast aluminum housing is designed for post top or wall mount.
- All external hardware is stainless steel.

Lens and Door Assembly

- Tempered, textured glass is standard. Optional clear or lightly diffused lenses are available for use with internal prismatic glass refractor. Fixture is sealed with premium silicone gasketing for complete weather and insect protection and is secured with galvanized lens retainers.

Optical System

- Type I, II III, IV, V or V-W distribution Available.

Quali-Guard® Finish

- Aluminum fixture components are chemically pretreated through a multiple-stage washer and finished with an electrostatically applied, thermoset polyester powder coat textured paint with a minimum of 3 to 5 mils thickness. Finish is oven-baked at a temperature of 400 °F to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors.
- Finish is guaranteed for two (2) years.

Mounting

- Santa Rosa mounts over a 3-inch O.D. tenon to a wide selection of decorative and custom mounting arms for both pole and wall mount applications (see Decorative Arms section of catalog).

Electrical Assembly

- The Santa Rosa LED series is supplied with a high-performance LED driver that accepts 120 V thru 480 V, 50 hz to 60 hz input. Power factor is 90%. Rated for -40 o F operation.
- 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 Photocell
- Clear Lens
- Lightly Diffused Lens
- Internal Light Shield

Listings

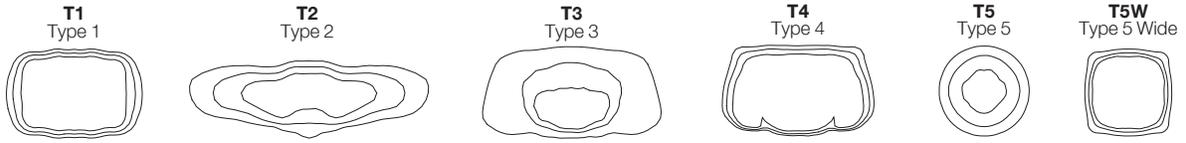
- Santa Rosa is UL listed, suitable for wet locations.
- Powder Coated Tough

3000K must be selected for IDA certification.



SANTA ROSA LED Specifications

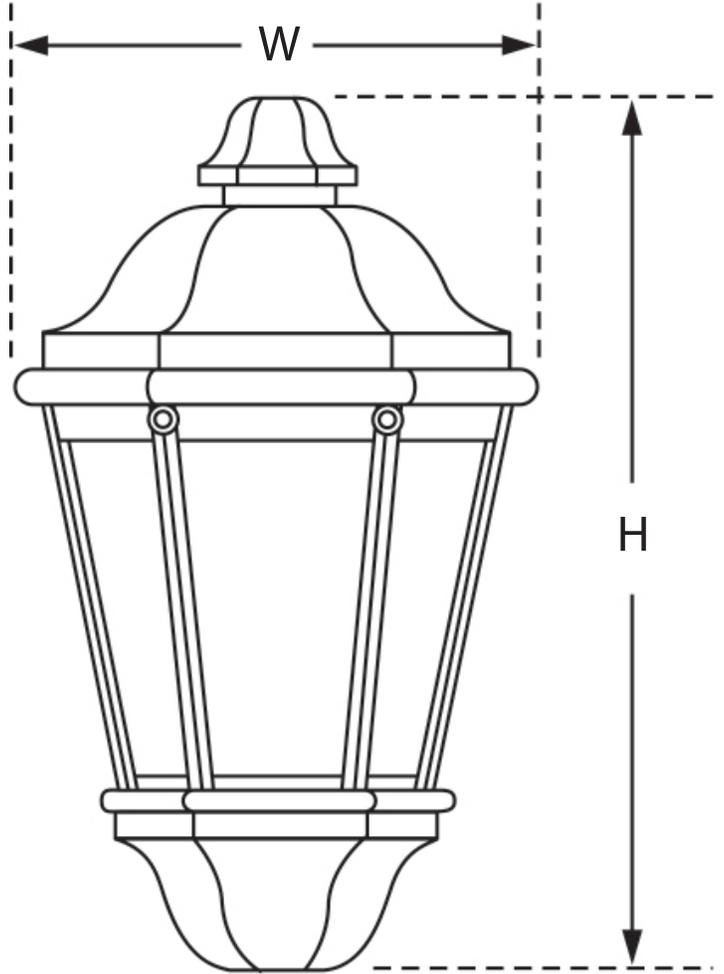
Photometric Optical Summary



Dimensions

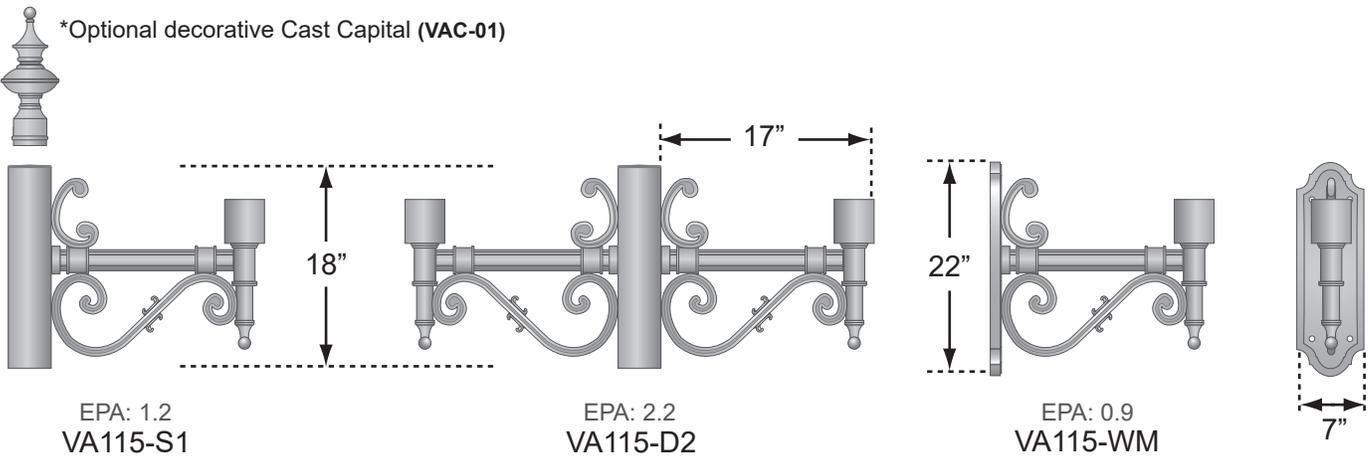
SRL-1

Width:	SRL-1 15"
Height:	SRL-1 29"
Weight:	SRL-1 45 lbs
EPA:	SRL-1 2.2



Typical Decorative Arms

*Optional decorative Cast Capital (VAC-01)



*This arm is also available with fluted center slip-fitter

LED Specifications **SANTA ROSA LED**

Santa Rosa LED Lumen Chart 3K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	1677	1647	1696	1667	1709	1662	17
	530	2330	2288	2356	2315	2374	2308	26
32	350	3322	3262	3359	3301	3385	3291	35
	530	4614	4530	4666	4585	4702	4571	52
48	350	4934	4844	4989	4903	5028	4888	52
	530	6853	6728	6930	6810	6983	6789	78
Santa Rosa LED Lumen Chart 4K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	1833	1799	1853	1821	1867	1815	17
	530	2546	2499	2574	2529	2594	2522	26
32	350	3629	3563	3670	3606	3698	3595	35
	530	5041	4949	5098	5009	5137	4994	52
48	350	5390	5292	5451	5356	5492	5339	52
	530	7487	7350	7571	7439	7629	7417	78
Santa Rosa LED Lumen Chart 5K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	1862	1828	1883	1850	1897	1844	17
	530	2586	2539	2615	2570	2635	2562	26
32	350	3687	3620	3728	3664	3757	3652	35
	530	5121	5028	5179	5089	5218	5073	52
48	350	5475	5376	5537	5441	5580	5424	52
	530	7606	7467	7691	7557	7750	7534	78

SANTA ROSA LED Specifications

Santa Rosa LED Lumen Per Watt Chart 3K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	96	94	97	95	98	95	18
	530	90	88	91	89	91	89	26
32	350	95	93	96	94	97	94	35
	530	89	87	90	88	90	88	52
48	350	94	92	95	94	96	93	52
	530	88	86	89	87	90	87	77
Santa Rosa LED Lumen Per Watt Chart 4K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	105	103	106	104	107	104	18
	530	98	96	99	97	100	97	26
32	350	104	102	105	103	106	103	35
	530	97	95	98	96	99	96	52
48	350	103	101	104	102	105	102	52
	530	96	94	97	95	98	95	77
Santa Rosa LED Lumen Per Watt Chart 5K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	107	105	108	106	109	106	18
	530	99	98	101	99	101	99	26
32	350	106	104	107	105	108	105	35
	530	98	97	100	98	100	98	52
48	350	104	103	106	104	106	104	52
	530	98	96	99	97	99	97	77

LED Specifications **SANTA ROSA LED**

Santa Rosa LED BUG Chart 3K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	18
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	26
32	350	1	3	1	1	3	1	1	3	1	1	3	1	2	3	1	2	3	1	35
	530	2	3	2	2	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
48	350	2	3	2	2	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
	530	2	3	2	2	3	2	2	3	2	2	3	2	3	3	2	3	3	2	77
Santa Rosa LED BUG Chart 4K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	18
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	26
32	350	2	3	1	1	3	1	1	3	1	1	3	1	2	3	1	2	3	1	35
	530	2	3	2	2	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
48	350	2	3	2	2	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
	530	2	3	2	2	3	2	2	3	2	2	3	2	3	3	2	3	3	2	77
Santa Rosa LED BUG Chart 5K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	18
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	26
32	350	2	3	1	1	3	1	1	3	1	1	3	2	2	3	1	2	3	1	35
	530	2	3	2	2	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
48	350	2	3	2	2	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
	530	2	3	2	2	3	2	2	3	2	2	3	2	3	3	2	3	3	2	77

SANTA ROSA LED Specifications

Santa Rosa LED - CL - Lumen Chart 3K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	1594	1565	1611	1584	1624	1579	17
	530	2214	2173	2238	2200	2256	2193	26
32	350	3156	3098	3191	3136	3216	3126	35
	530	4384	4304	4433	4356	4467	4343	52
48	350	4687	4602	4740	4657	4776	4643	52
	530	6510	6392	6584	6469	6634	6449	78
Santa Rosa LED - CL - Lumen Chart 4K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	1741	1709	1761	1730	1774	1725	17
	530	2418	2374	2445	2403	2464	2396	26
32	350	3448	3385	3487	3426	3513	3415	35
	530	4789	4702	4843	4759	4880	4744	52
48	350	5120	5027	5178	5088	5218	5073	52
	530	7112	6983	7192	7067	7248	7046	78
Santa Rosa LED - CL - Lumen Chart 5K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	1769	1736	1788	1757	1802	1752	17
	530	2457	2412	2484	2441	2503	2434	26
32	350	3502	3439	3542	3480	3569	3470	35
	530	4865	4776	4920	4834	4958	4819	52
48	350	5202	5107	5260	5169	5301	5153	52
	530	7225	7094	7306	7180	7363	7158	78

LED Specifications **SANTA ROSA LED**

Santa Rosa LED - CL - Lumen Per Watt Chart 3K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	91	90	92	91	93	90	17
	530	85	84	86	85	87	84	26
32	350	90	89	91	90	92	89	35
	530	84	83	85	84	86	84	52
48	350	89	88	90	89	91	89	52
	530	83	82	84	83	85	83	78
Santa Rosa LED - CL - Lumen Per Watt Chart 4K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	100	98	101	99	102	99	17
	530	93	91	94	92	95	92	26
32	350	99	97	100	98	101	98	35
	530	92	90	93	92	94	91	52
48	350	98	96	99	97	100	97	52
	530	91	90	92	91	93	90	78
Santa Rosa LED - CL - Lumen Per Watt Chart 5K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	101	99	102	101	103	100	17
	530	94	93	96	94	96	94	26
32	350	100	98	101	100	102	99	35
	530	94	92	95	93	95	93	52
48	350	99	97	100	99	101	98	52
	530	93	91	94	92	94	92	78

SANTA ROSA LED Specifications

Santa Rosa LED - CL - BUG Chart 3K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	17
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	26
32	350	1	3	1	1	3	1	1	3	1	1	3	1	2	3	1	2	3	1	35
	530	2	3	2	1	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
48	350	2	3	2	2	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
	530	2	3	2	2	3	2	2	3	2	1	3	2	3	3	2	3	3	2	78
Santa Rosa LED - CL - BUG Chart 4K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	17
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	26
32	350	2	3	1	1	3	1	1	3	1	1	3	1	2	3	1	2	3	1	35
	530	2	3	2	2	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
48	350	2	3	2	2	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
	530	2	3	2	2	3	2	2	3	2	2	3	2	3	3	2	3	3	2	78
Santa Rosa LED - CL - BUG Chart 5K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	17
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	26
32	350	2	3	1	1	3	1	1	3	1	1	3	1	2	3	1	2	3	1	35
	530	2	3	2	2	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
48	350	2	3	2	2	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
	530	2	3	2	2	3	2	2	3	2	2	3	2	3	3	2	3	3	2	78

LED Specifications **SANTA ROSA LED**

Santa Rosa LED - ILS - Lumen Chart 3K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	637	998	809	740	705	533	17
	530	884	1386	1123	1028	980	741	26
32	350	1261	1976	1601	1465	1397	1056	35
	530	1751	2745	2224	2035	1940	1467	52
48	350	1872	2935	2378	2176	2075	1569	52
	530	2600	4076	3303	3022	2882	2179	78
Santa Rosa LED - ILS - Lumen Chart 4K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	695	1090	883	808	771	583	17
	530	966	1514	1227	1123	1070	809	26
32	350	1377	2159	1749	1600	1526	1154	35
	530	1913	2999	2430	2223	2120	1603	52
48	350	2045	3206	2598	2377	2266	1714	52
	530	2841	4453	3609	3302	3148	2380	78
Santa Rosa LED - ILS - Lumen Chart 5K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	706	1107	897	821	783	592	17
	530	981	1538	1246	1140	1087	822	26
32	350	1399	2193	1777	1626	1550	1172	35
	530	1943	3046	2468	2258	2153	1628	52
48	350	2078	3257	2639	2415	2302	1741	52
	530	2886	4524	3666	3354	3198	2418	78

SANTA ROSA LED Specifications

Santa Rosa LED - ILS - Lumen Per Watt Chart 3K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	36	57	46	42	40	31	17
	530	34	53	43	40	38	28	26
32	350	36	57	46	42	40	30	35
	530	34	53	43	39	37	28	52
48	350	36	56	45	42	40	30	52
	530	33	52	42	39	37	28	78
Santa Rosa LED - ILS - Lumen Per Watt Chart 4K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	40	62	51	46	44	33	17
	530	37	58	47	43	41	31	26
32	350	39	62	50	46	44	33	35
	530	37	58	47	43	41	31	52
48	350	39	61	50	45	43	33	52
	530	36	57	46	42	40	31	78
Santa Rosa LED - ILS - Lumen Per Watt Chart 5K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	40	63	51	47	45	34	17
	530	38	59	48	44	42	32	26
32	350	40	63	51	47	44	34	35
	530	37	59	47	43	41	31	52
48	350	40	62	50	46	44	33	52
	530	37	58	47	43	41	31	78

LED Specifications **SANTA ROSA LED**

Santa Rosa LED - ILS - BUG Chart 3K																				
# LEDES	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	17
	530	0	2	1	0	3	1	0	2	1	0	2	1	0	2	1	0	2	1	26
32	350	0	2	1	0	3	1	0	3	1	0	3	1	0	3	1	0	2	1	35
	530	0	3	1	1	3	1	0	3	1	0	3	1	0	3	1	0	3	1	52
48	350	0	3	1	1	3	1	0	3	1	0	3	1	0	3	1	0	3	1	52
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	78
Santa Rosa LED - ILS - BUG Chart 4K																				
# LEDES	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	17
	530	0	2	1	0	3	1	0	2	1	0	3	1	0	2	1	0	2	1	26
32	350	0	3	1	1	3	1	0	3	1	0	3	1	0	3	1	0	2	1	35
	530	0	3	1	1	3	1	0	3	1	0	3	1	0	3	1	0	3	1	52
48	350	0	3	1	1	3	1	1	3	1	1	3	1	0	3	1	0	3	1	52
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	78
Santa Rosa LED - ILS - BUG Chart 5K																				
# LEDES	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	17
	530	0	2	1	0	3	1	0	2	1	0	3	1	0	2	1	0	2	1	26
32	350	0	3	1	1	3	1	0	3	1	0	3	1	0	3	1	0	2	1	35
	530	0	3	1	1	3	1	1	3	1	0	3	1	0	3	1	0	3	1	52
48	350	0	3	1	1	3	1	1	3	1	1	3	1	0	3	1	0	3	1	52
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	78

SANTA ROSA LED Specifications

Santa Rosa LED - LDL - Lumen Chart 3K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	1392	1367	1408	1383	1419	1379	17
	530	1934	1899	1956	1922	1971	1916	26
32	350	2757	2707	2788	2740	2810	2731	35
	530	3830	3760	3873	3806	3903	3794	52
48	350	4095	4020	4141	4069	4173	4057	52
	530	5688	5584	5752	5652	5796	5635	78
Santa Rosa LED - LDL - Lumen Chart 4K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	1521	1493	1538	1511	1550	1507	17
	530	2113	2074	2137	2099	2153	2093	26
32	350	3012	2957	3046	2993	3070	2984	35
	530	4184	4108	4231	4158	4264	4145	52
48	350	4474	4392	4524	4445	4559	4432	52
	530	6214	6101	6284	6175	6332	6156	78
Santa Rosa LED - LDL - Lumen Chart 5K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	1545	1517	1563	1535	1575	1531	17
	530	2146	2107	2170	2133	2187	2126	26
32	350	3060	3004	3094	3041	3118	3031	35
	530	4250	4173	4298	4224	4331	4211	52
48	350	4545	4462	4596	4516	4631	4502	52
	530	6313	6198	6384	6273	6433	6253	78

LED Specifications **SANTA ROSA LED**

Santa Rosa LED - LDL - Lumen Per Watt Chart 3K								
# LEADS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	80	78	81	79	81	79	17
	530	74	73	75	74	76	74	26
32	350	79	77	80	78	80	78	35
	530	74	72	74	73	75	73	52
48	350	78	77	79	78	80	77	52
	530	73	72	74	72	74	72	78
Santa Rosa LED - LDL - Lumen Per Watt Chart 4K								
# LEADS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	87	85	88	87	89	86	17
	530	81	80	82	81	83	80	26
32	350	86	85	87	86	88	85	35
	530	80	79	81	80	82	80	52
48	350	85	84	86	85	87	85	52
	530	80	78	81	79	81	79	78
Santa Rosa LED - LDL - Lumen Per Watt Chart 5K								
# LEADS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	88	87	89	88	90	88	17
	530	83	81	83	82	84	82	26
32	350	88	86	89	87	89	87	35
	530	82	80	83	81	83	81	52
48	350	87	85	88	86	88	86	52
	530	81	79	82	80	82	80	78

SANTA ROSA LED Specifications

Santa Rosa LED - LDL - BUG Chart 3K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	1	3	1	1	3	1	1	3	1	0	3	1	1	3	1	1	3	1	17
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	26
32	350	1	3	1	1	3	2	1	3	2	1	3	2	1	3	1	1	3	2	35
	530	1	3	2	1	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
48	350	2	3	2	1	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
	530	2	4	2	2	4	3	2	4	3	1	4	3	2	4	2	2	4	3	78
Santa Rosa LED - LDL - BUG Chart 4K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	17
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	26
32	350	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	35
	530	2	3	2	1	3	2	1	3	2	1	3	2	2	3	2	2	3	2	52
48	350	2	3	2	1	4	2	1	4	2	1	4	2	2	3	2	2	3	2	52
	530	2	4	2	2	4	3	2	4	3	1	4	3	2	4	2	2	4	3	78
Santa Rosa LED - LDL - BUG Chart 5K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	17
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	26
32	350	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	35
	530	2	3	2	1	3	2	1	3	2	1	4	2	2	3	2	2	3	2	52
48	350	2	4	2	2	4	2	1	4	2	1	4	2	2	3	2	2	3	2	52
	530	2	4	2	2	4	3	2	4	3	1	4	3	2	4	3	2	4	3	78

LED Specifications **SANTA ROSA LED**

Santa Rosa LED - LDL - ILS - Lumen Chart 3K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	516	809	654	585	568	430	17
	530	717	1123	908	812	789	597	26
32	350	1022	1601	1295	1158	1124	852	35
	530	1420	2224	1798	1609	1562	1183	52
48	350	1518	2378	1923	1720	1670	1265	52
	530	2108	3303	2671	2390	2319	1757	78
Santa Rosa LED - LDL - ILS - Lumen Chart 4K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	564	883	714	639	620	470	17
	530	783	1227	992	888	861	653	26
32	350	1117	1749	1414	1265	1228	931	35
	530	1551	2430	1965	1758	1706	1292	52
48	350	1658	2598	2101	1879	1824	1382	52
	530	2303	3609	2918	2611	2534	1920	78
Santa Rosa LED - LDL - ILS - Lumen Chart 5K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	573	897	726	649	630	477	17
	530	796	1246	1008	902	875	663	26
32	350	1134	1777	1437	1286	1248	945	35
	530	1576	2468	1996	1786	1733	1313	52
48	350	1685	2639	2134	1909	1853	1404	52
	530	2340	3666	2964	2652	2574	1950	78

SANTA ROSA LED Specifications

Santa Rosa LED - LDL - ILS - Lumen Per Watt Chart 3K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	30	46	37	33	33	25	17
	530	28	43	35	31	30	23	26
32	350	29	46	37	33	32	24	35
	530	27	43	35	31	30	23	52
48	350	29	45	37	33	32	24	52
	530	27	42	34	31	30	23	78
Santa Rosa LED - LDL - ILS - Lumen Per Watt Chart 4K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	32	51	41	37	36	27	17
	530	30	47	38	34	33	25	26
32	350	32	50	40	36	35	27	35
	530	30	47	38	34	33	25	52
48	350	32	50	40	36	35	26	52
	530	30	46	37	33	32	25	78
Santa Rosa LED - LDL - ILS - Lumen Per Watt Chart 5K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	33	51	42	37	36	27	17
	530	31	48	39	35	34	26	26
32	350	32	51	41	37	36	27	35
	530	30	47	38	34	33	25	52
48	350	32	50	41	36	35	27	52
	530	30	47	38	34	33	25	78

LED Specifications **SANTA ROSA LED**

Santa Rosa LED - LDL - ILS - LED BUG Chart 3K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	0	3	1	0	3	1	0	3	1	0	3	1	0	3	1	0	3	1	17
	530	0	3	1	0	3	1	0	3	1	0	3	1	0	3	1	0	3	1	26
32	350	0	3	1	1	3	1	0	3	1	0	3	1	0	3	1	0	3	1	35
	530	1	3	1	1	3	2	1	3	1	1	3	1	1	3	1	0	3	1	52
48	350	1	3	1	1	3	2	1	3	1	1	3	1	1	3	1	0	3	1	52
	530	1	3	2	1	3	2	1	3	2	1	3	2	1	3	1	1	3	1	78
Santa Rosa LED - LDL - ILS - LED BUG Chart 4K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	0	3	1	0	3	1	0	3	1	0	3	1	0	3	1	0	3	1	17
	530	0	3	1	0	3	1	0	3	1	0	3	1	0	3	1	0	3	1	26
32	350	0	3	1	1	3	1	0	3	1	0	3	1	0	3	1	0	3	1	35
	530	1	3	1	1	3	2	1	3	1	1	3	1	1	3	1	0	3	1	52
48	350	1	3	1	1	3	2	1	3	1	1	3	1	1	3	1	1	3	1	52
	530	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	1	78
Santa Rosa LED - LDL - ILS - LED BUG Chart 5K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	0	3	1	0	3	1	0	3	1	0	3	1	0	3	1	0	3	1	17
	530	0	3	1	0	3	1	0	3	1	0	3	1	0	3	1	0	3	1	26
32	350	0	3	1	1	3	1	0	3	1	0	3	1	0	3	1	0	3	1	35
	530	1	3	1	1	3	2	1	3	1	1	3	1	1	3	1	0	3	1	52
48	350	1	3	1	1	3	2	1	3	1	1	3	1	1	3	1	1	3	1	52
	530	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	1	78

SANTA ROSA LED Specifications

Santa Rosa LED - CL - ILS - Lumen Chart 3K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	605	948	768	703	670	507	17
	530	840	1317	1067	976	931	704	26
32	350	1198	1877	1521	1392	1327	1003	35
	530	1663	2608	2113	1933	1843	1394	52
48	350	1779	2788	2259	2067	1971	1490	52
	530	2470	3873	3138	2871	2738	2070	78
Santa Rosa LED - CL - ILS - Lumen Chart 4K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	661	1036	839	768	732	553	17
	530	918	1438	1166	1066	1017	769	26
32	350	1308	2051	1662	1520	1450	1096	35
	530	1817	2849	2308	2112	2014	1523	52
48	350	1943	3046	2468	2258	2153	1628	52
	530	2699	4231	3428	3137	2991	2261	78
Santa Rosa LED - CL - ILS - Lumen Chart 5K								
# LEDS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	671	1052	852	780	744	562	17
	530	932	1461	1184	1083	1033	781	26
32	350	1329	2083	1688	1545	1473	1114	35
	530	1846	2894	2345	2145	2046	1547	52
48	350	1974	3094	2507	2294	2187	1654	52
	530	2742	4298	3483	3186	3038	2297	78

LED Specifications **SANTA ROSA LED**

Santa Rosa LED - CL - ILS - Lumen Per Watt Chart 3K								
# LEADS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	35	54	44	40	38	29	17
	530	32	51	41	38	36	27	26
32	350	34	54	44	40	38	29	35
	530	32	50	41	37	35	27	52
48	350	34	53	43	39	38	28	52
	530	32	50	40	37	35	27	78
Santa Rosa LED - CL - ILS - Lumen Per Watt Chart 4K								
# LEADS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	38	59	48	44	42	32	17
	530	35	55	45	41	39	30	26
32	350	37	59	48	44	41	31	35
	530	35	55	44	41	39	29	52
48	350	37	58	47	43	41	31	52
	530	35	54	44	40	38	29	78
Santa Rosa LED - CL - ILS - Lumen Per Watt Chart 5K								
# LEADS	mA	Type 1	Type 2	Type 3	Type 4	Type 5	Type 5W	Watts
16	350	38	60	49	45	43	32	17
	530	36	56	46	42	40	30	26
32	350	38	60	48	44	42	32	35
	530	36	56	45	41	39	30	52
48	350	38	59	48	44	42	32	52
	530	35	55	45	41	39	29	78

SANTA ROSA LED Specifications

Santa Rosa LED - CL - ILS - BUG Chart 3K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	17
	530	0	2	1	0	3	1	0	2	1	0	2	1	0	2	1	0	2	1	26
32	350	0	2	1	0	3	1	0	3	1	0	3	1	0	3	1	0	2	1	35
	530	0	3	1	1	3	1	0	3	1	0	3	1	0	3	1	0	3	1	52
48	350	0	3	1	1	3	1	0	3	1	0	3	1	0	3	1	0	3	1	52
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	78
Santa Rosa LED - CL - ILS - BUG Chart 4K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	17
	530	0	2	1	0	3	1	0	2	1	0	3	1	0	2	1	0	2	1	26
32	350	0	3	1	1	3	1	0	3	1	0	3	1	0	3	1	0	2	1	35
	530	0	3	1	1	3	1	0	3	1	0	3	1	0	3	1	0	3	1	52
48	350	0	3	1	1	3	1	1	3	1	1	3	1	0	3	1	0	3	1	52
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	78
Santa Rosa LED - CL - ILS - BUG Chart 5K																				
# LEDS	mA	Type 1			Type 2			Type 3			Type 4			Type 5			Type 5W			Watts
		B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
16	350	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	0	2	1	17
	530	0	2	1	0	3	1	0	2	1	0	3	1	0	2	1	0	2	1	26
32	350	0	3	1	1	3	1	0	3	1	0	3	1	0	3	1	0	2	1	35
	530	0	3	1	1	3	1	1	3	1	0	3	1	0	3	1	0	3	1	52
48	350	0	3	1	1	3	1	1	3	1	1	3	1	0	3	1	0	3	1	52
	530	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	78

LED Specifications **SANTA ROSA LED**
