SRCG Series

LED Luminaire

PROJECT: **TYPE:**

Features

Lighting for exterior retail, commercial and hospitality environments. The SRCG Series consists of a decorative acorn, spun aluminum lid, and cast aluminum cage combined with one of several styles of cast aluminum fitters. Powered by the Amerlxu patented AVISTA® LED system with options for intensity, distribution and color.

D13xSRCG

Product Overview

Wattage:	up to 86W
Lumen Output :	up to 10,943 lm; up to 143 lm/W
Color Temp:	2700K, 3000K, 4000K
	1900K *(Nightscape)*
Dimming:	0-10V dimming
	Manual onboard dimming option available

Certifications

5 year limited warranty AMERLUX LED

POWDER COATED TOUGH™

Electrostatic sensitive device, observe precautions for handling

Fixture Summary

Installation:
The luminaire will mount to a 3" OD post or tenon with 5/16" black oxide coated stainless steel square head set screws to ensure a solid connection. The diffuser will be held to the fitter by *(4)* 5/16"-18 black oxide coated stainless steel square head set screws.

Electrical:
- Over voltage and short circuit protected driver
- Series connected 10kV/20kA surge protector
- Automatic AC incoming voltage sensing *(120V-277V)*
- 347V/480V option consult factory
- 0-10V dimming
- Optional Socket only version available, consult factory

Diffuser Choices:
- Clear Textured Polycarbonate
- White Textured Acrylic
- Clear Textured DR Acrylic

Distribution:
- Symmetric
- Asymmetric
- Street Optic

CCT, CRI:
- 2700K, 80CRI
- 3000K, 70CRI
- 4000K, 70CRI
- 1900K, 52CRI *(Nightscape, see pg 4)*

Power Level:
(see performance chart for output)
- 30W
- 44W
- 60W
- 86W

L70:
72,000+ hrs.

Finish:
Durable thermoset polyester powdercoat finish in the following:
- Satin Black
- Classic Bronze
- Gloss Textured Bronze
- Green
- Gloss Textured Black
- Textured Black
- Gloss Textured Green

Accessories:
- Dusk-to-dawn button type photocell
- Controls Capable Harness
- Optional onboard field selectable output switch for dimming

ETL listed, suitable for wet locations.

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amerlux

PROJECT:	TYPE:

Ordering Information

_____.____.AVI-G3.____.____.____.____.____.____

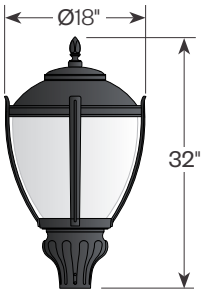
1	2	3	4	5	6	7	8

1 Model	2 Diffuser Material - Color	3 LED System	4 Light Distribution
D131SRCG	**PC-CL** clear textured polycarbonate	**AVI-G3** Avista light engine, standard model	**SY** symmetrical
D134SRCG	**AC-WH** white textured acrylic		**AS** asymmetrical
D135SRCG	**DR-CL** clear textured DR acrylic		**SO** street optic
D136SRCG			

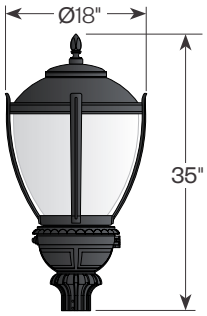
5 CCT	6 Power Level	7 Finish	8 Accessories
27 2700K	**P1** *(30W)*	**BLK** satin black	**PCL** dusk-to-dawn button type photocell *(not available for use with CCH)*
30 3000K	**P2** *(44W)*	**CLB** classic bronze	**CCH** controls capable harness *(not available for use with PCL or FSO)*
40 4000K	**P3** *(60W)*	**GBZ** gloss textured bronze	**FSO** field selectable output option to allow manual dimming *(not available for use with CCH)*
NS 1900K *(Nightscape, see pg 4 for details)*	**P4** *(86W)*	**GRN** green	
	120V-277V auto-sensing driver is standard. Consult factory for 347V/480V option.	**GTB** gloss textured black	
		TBK textured black	
		TGR gloss textured green	
		CSTM custom	

***Please Note**: Fixture is available with optional Medium base (MDO) or Mogul base (MGO) socket only. Consult factory for details.*

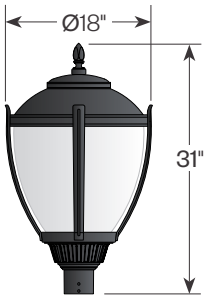
Product Details



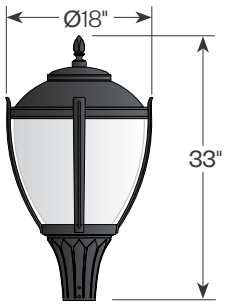
D131SRCG
EPA: 1.81



D134SRCG
EPA: 1.94

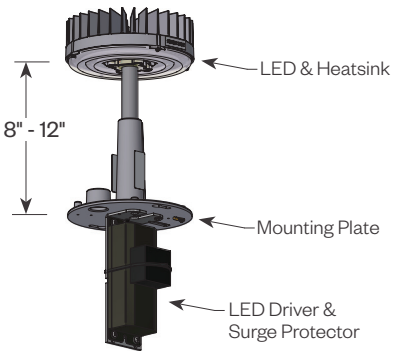


D135SRCG
EPA: 1.71



D136SRCG
EPA: 1.76

Avista Light Engine



AVI-G3
Weight: 6.2 - 6.6 lbs*

* Weight varies with Power ouput due to variances of the driver.

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PROJECT: **TYPE:**

Performance Data

Multiplying Factors: *(Multiplying Factor is based on 3000K IES file on website)*

CCT:	1900K (NS)	2700K	3000K	4000K
Factor:	0.85	0.91	1.0	1.05

Model	Distribution	CCT	Power Level	System Watts	LED Engine Lumens	LED Envgine LPW	Lumens w/DLC Acorn	LPW DLC* Acorn	BUG Rating
AVI-G3	SY	27	P1	30	3651	122.9	3345	**112.6**	2-3-2
		30			4034	135.8	3695	**124.4**	2-3-2
		40			4246	143.0	3890	**131.0**	2-3-2
		NS			3445	116.0	3156	106.3	2-3-2
	AS	27			3505	118.0	3197	**107.6**	1-3-2
		30			3872	130.4	3531	**118.9**	1-3-2
		40			4076	137.2	3717	**125.2**	1-3-2
		NS			2859	96.0	2607	88.0	1-3-2
	SO	27			3296	111.0	2976	**100.2**	1-3-1
		30			3579	120.5	3232	**108.8**	1-3-1
		40			3883	130.7	3506	**118.0**	1-3-1
		NS			3056	102.9	2760	92.9	1-3-1
	SY	27	P2	44	5245	119.2	4805	**109.2**	2-3-2
		30			5794	131.7	5308	**120.6**	2-3-2
		40			6099	138.6	5587	**127.0**	2-3-2
		NS			4948	113.0	4533	104.0	2-3-2
	AS	27			5035	114.4	4592	**104.4**	2-3-2
		30			5562	126.4	5073	**115.3**	2-3-2
		40			5855	133.1	5340	**121.4**	2-3-2
		NS			4107	94.0	3745	86.0	2-3-2
	SO	27			4654	105.8	4203	95.5	1-3-2
		30			5141	116.8	4642	**105.5**	1-3-2
		40			5412	123.0	4887	**111.1**	1-3-2
		NS			4390	100.5	3965	90.8	1-3-2
	SY	27	P3	60	7026	116.1	6437	**106.4**	2-3-3
		30			7762	128.3	7111	**117.5**	2-3-3
		40			8170	135.0	7485	**123.7**	3-3-3
		NS			6628	110.0	6072	100.0	3-3-3
	AS	27			6745	111.5	6152	**101.7**	2-3-2
		30			7451	123.2	6795	**112.3**	2-3-2
		40			7843	129.6	7153	**118.2**	2-3-2
		NS			5502	91.0	5017	83.0	2-3-2
	SO	27			6235	103.1	5630	93.1	2-3-3
		30			6887	113.8	6219	**102.8**	2-3-3
		40			7249	119.8	6546	**108.2**	2-3-3
		NS			5881	97.2	5311	87.8	2-3-3
	SY	27	P4	86	9411	109.4	8622	**100.3**	2-3-3
		30			10394	120.9	9524	**110.7**	2-3-3
		40			10943	127.2	10025	**116.6**	3-3-3
		NS			8878	104.0	8133	95.0	3-3-3
	AS	27			9035	105.1	8240	95.8	2-3-2
		30			9980	116.0	9102	**105.8**	2-3-2
		40			10505	122.2	9581	**111.4**	2-3-2
		NS			7369	86.0	6720	79.0	2-3-2
	SO	27			8595	99.9	7761	90.2	2-3-3
		30			9494	110.4	8573	**99.7**	2-3-3
		40			9994	116.2	9024	**104.9**	2-3-3
		NS			8108	94.8	7108	83.1	2-3-3

**BOLD numbers indicate that the configuration meets DLC standards.*

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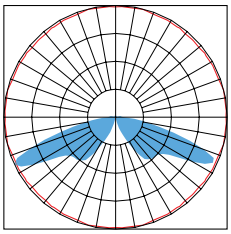
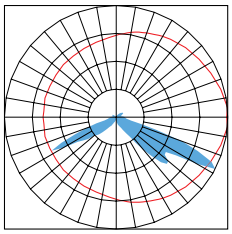
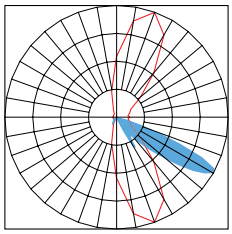
Light Distribution Types



SY Type V



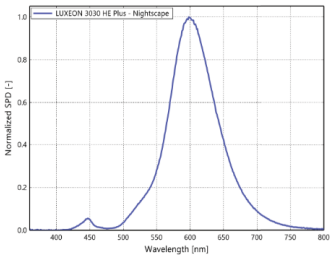
AS Type IV



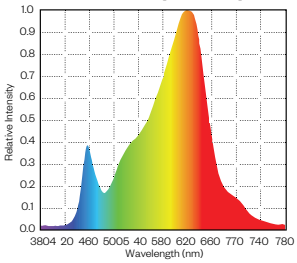
SO Type III

Spectral Power Distribution

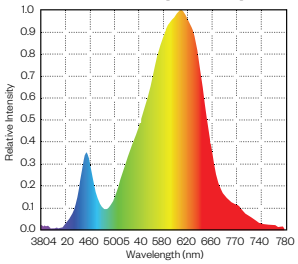
Nightscape



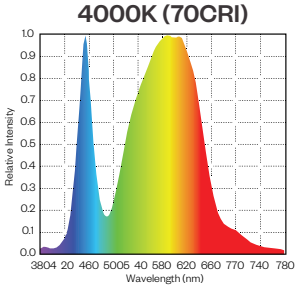
2700K (80CRI)



3000K (70CRI)

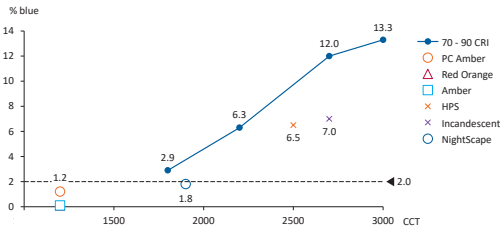


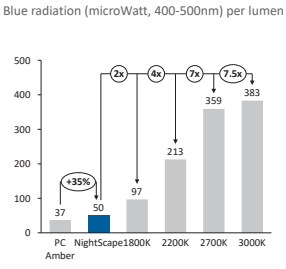
4000K (70CRI)

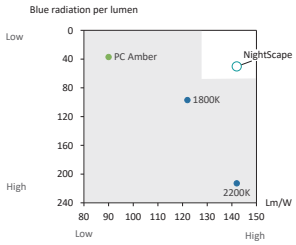


Nightscape *(NS)* Technology

- Unique spectral distribution that delivers highest flux while emitting <2% light of blue.
- The Nightscape *(low blue)* Avista is powered by Luxeon 3030 HE Plus which delivers high efficacy and superior life span.







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