ARP23 Series

LED Luminaire

PROJECT:	TYPE:

Features

Lighting for exterior retail, commercial and hospitality environments. The ARP23 Series consists of an efficient Type III *(T3)* or Type V *(T5)* refractive acorn combined with one of several styles of cast aluminum fitters. Powered by the Amerlux patented AVISTA® LED system with options for intensity, distribution and color.

D13x/ARP23

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

Fixture Summary

Installation:
The luminaire will mount to a 3" OD post or tenon with 5/16" black oxide coated stainless steel 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 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:
- Acrylic Type III
- Acrylic Type V

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:
- Cast aluminum finial
- Dusk-to-dawn button type photocell
- Controls Capable Harness
- Solid Light Lid
- Integrated 7-pin NEMA receptacle
- Optional onboard field selectable output switch for dimming

ETL listed, suitable for wet locations.

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Ordering Information

_____ . _____ . AVI-G3-SY . _____ . _____ . _____ . _____

1 2 3 4 5 6 7

1	Model
	D131/ARP23
	D134/ARP23
	D135/ARP23
	D136/ARP23

2	Diffuser Material - Distribution
	AC-T3 acrylic type III
	AC-T5 acrylic type V

3	LED System
	AVI-G3-SY Avista light engine with symmetrical distribution

4	CCT
	27 2700K
	30 3000K
	40 4000K
	NS 1900K *(Nightscape, see pg 4 for details)*

5	Power Level
	P1 *(30W)*
	P2 *(44W)*
	P3 *(60W)*
	P4 *(86W)*
	120V-277V auto-sensing driver is standard. Consult factory for 347V/480V option.

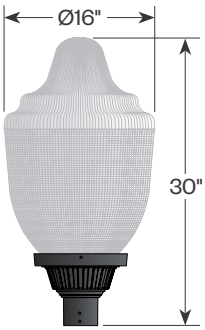
6	Finish
	BLK satin black
	CLB classic bronze
	GBZ gloss textured bronze
	GRN green
	GTB gloss textured black
	TBK textured black
	TGR gloss textured green
	CSTM custom

7	Accessories
	CFIN cast aluminum finial
	PCL dusk-to-dawn button type photocell *(not available for use with CCH or 7IR)*
	CCH controls capable harness *(not available for use with PCL, 7IR or FSO)*
	SLL solid light lid *(not available for use with 7IR)*
	7IR light engine integrated 7-pin NEMA receptacle *(to allow installation of a wireless control node for operation on the SmartSite or other control platform; not available for use with PCL, CCH, SLL or FSO)*
	FSO field selectable output option to allow manual dimming *(not available for use with CCH or 7IR)*

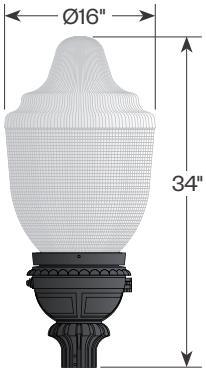
***Please Note**: Fixture is available with optional Medium base (MDO) or Mogul base (MGO) socket only. Consult factory for details.*

Product Details

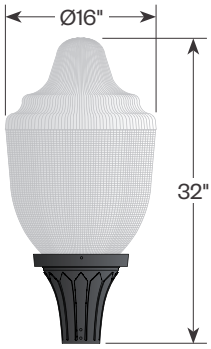
D131/ARP23
EPA: 1.82



D135/ARP23
EPA: 1.72

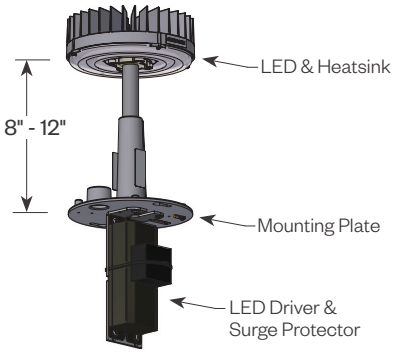


D134/ARP23
EPA: 1.95



D136/ARP23
EPA: 1.77

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

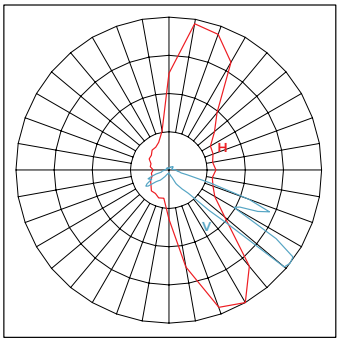
Multiplying Factors: *(Multiplying Factor is based on 3000K IES file on website)*

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

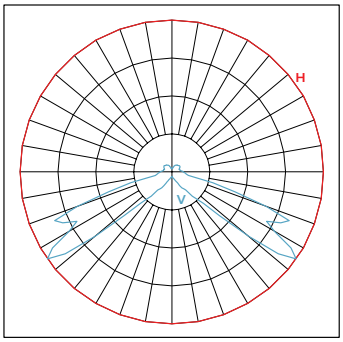
Model	CCT	Power Level	System Watts	LED Engine Lumens	LED Engine LPW
AVI-G3 -SY	27	P1	30	3651	122.9
	30			4034	135.8
	40			4246	143.0
	NS			3445	116.0
	27	P2	44	5245	119.2
	30			5794	131.7
	40			6099	138.6
	NS			4948	113.0
	27	P3	60	7026	116.1
	30			7762	128.3
	40			8170	135.0
	NS			6628	110.0
	27	P4	86	9411	109.4
	30			10394	120.9
	40			10943	127.2
	NS			8878	104.0

Approximate lumens delivered from raw light engine.

Typical Light Distribution



T3 Diffuser



T5 Diffuser

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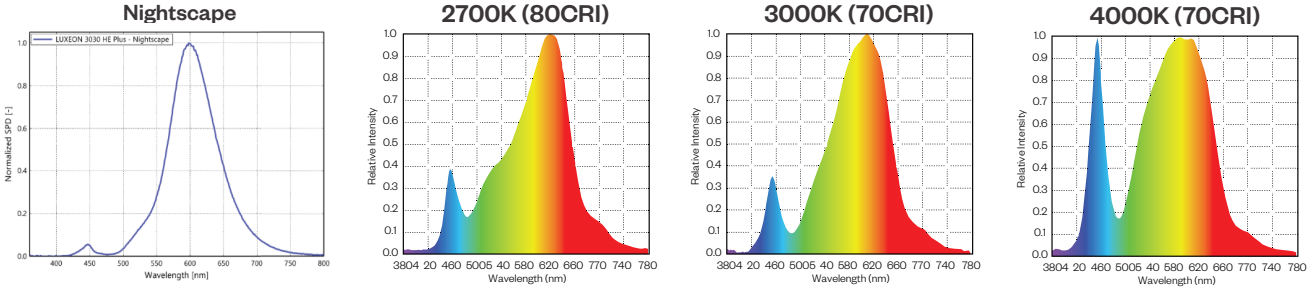
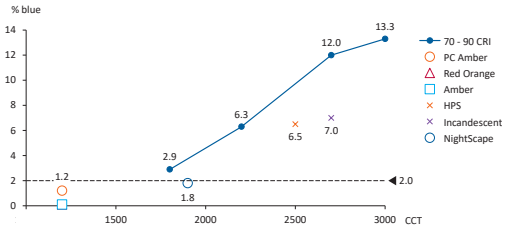
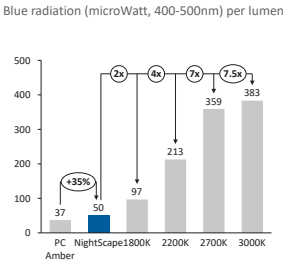
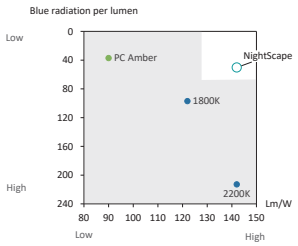
PROJECT:	TYPE:

Spectral Power Distribution



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.