ARP23 Series

LED Luminaire

amerlux
A Delta Group Company

Features

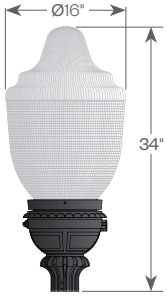
Lighting for exterior retail, commercial and hospitality environments. The ARP23 Series consists of an efficient Type III (T3) or Type V (T5) refractive acorn combined with one of several styles of cast aluminum fitters. Powered by the Amerlux patented AVISTA® LED system with options for intensity, distribution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

Product Overview

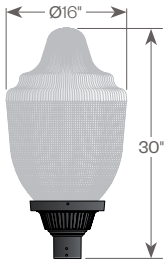
Wattage:	up to 86W
Lumen Engine Output :	up to 10,943 lm; up to 143 lm/W
Color Temp:	2700K, 3000K, 4000K
Dimming:	0-10V dimming Manual onboard dimming option available

PROJECT:

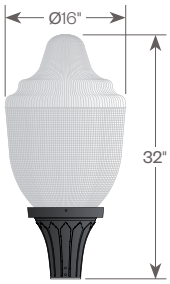
D131/ARP23
EPA: 1.82



D134/ARP23
EPA: 1.95



D135/ARP23
EPA: 1.72



D136/ARP23
EPA: 1.77

TYPE:

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

Diffuser Choices:
- Acrylic Type III (**AC-T3**)
- Acrylic Type V (**AC-T5**)
- Polycarbonate Type III (**PC-T3**)
- Polycarbonate Type V (**PC-T5**)

CCT:
- 2,700K (**27**)
- 3,000K (**30**)
- 4,000K (**40**)

Power Level:
(see performance chart for output)
- **P1** (30W)
- **P2** (44W)
- **P3** (60W)
- **P4** (86W)

L70:
72,000+ hrs.

Finish:
Durable thermoset polyester powdercoat finish in the following:
- Satin Black (**BLK**)
- Classic Bronze (**CLB**)
- Gloss Textured Bronze (**GBZ**)
- Green (**GRN**)
- Gloss Textured Black (**GTB**)
- Textured Black (**TBK**)
- Gloss Textured Green (**TGR**)

Accessories:
- Cast aluminum Finial (**CFIN**)
- Dusk-to-dawn button type photocell (**PCL**)
- Controls Capable Harness (**CCH**)
- Wireless control options

ETL listed, suitable for wet locations.

5 year limited warranty AMERLUX LED

POWDER COATED TOUGH™

Electrostatic sensitive device. observe precautions for handling

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PROJECT: **TYPE:**

Ordering Information

_____ . _____ . _____ . _____ . _____ . _____ . _____

1 2 3 4 5 6 7

Add additional accessories as needed

1 Model	2 Diffuser Material - Color	3 LED System	4 CCT
D131/ARP23	**AC-T3** acrylic Type III	**AVI-G3-SY** Avista light engine, with symmetrical distribution	**27** 2700K
D134/ARP23	**AC-T5** acrylic Type V		**30** 3000K
D135/ARP23	**PC-T3** polycarbonate Type III		**40** 4000K
D136/ARP23	**PC-T5** polycarbonate Type V		

5 Power Level	6 Finish	7 Accessories
P1 (30W)	**BLK** satin black	**CFIN** cast aluminum finial
P2 (44W)	**CLB** classic bronze	**PCL** dusk-to-dawn button type photocell (not available for use with CCH or 7IR)
P3 (60W)	**GBZ** gloss textured bronze	**CCH** controls capable harness (not available for use with PCL or 7IR)
P4 (86W)	**GRN** green	**SLL** solid light lid (not available for use with 7IR)
120V-277V auto-sensing driver is standard. Consult factory for 347V/480V option.	**GTB** gloss textured black	**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 or CCH)
	TBK textured black	***Consult factory for SmartSite integrated wireless control option (SSINT-1)***
	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.*

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PROJECT: **TYPE:**

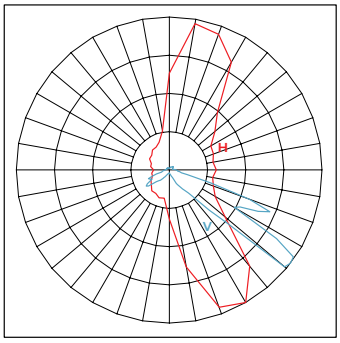
Engine Only Performance

ALL IES files supplied are 3000K.
For 2700K use a 0.905 multiplier; For 4000K use a 1.05 multiplier.

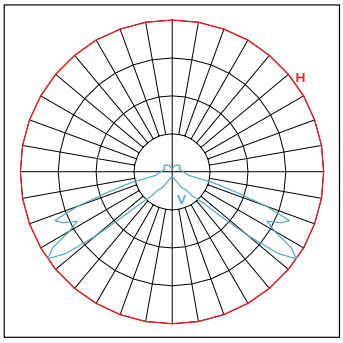
Model	CCT	Power Level	System Watts	LED Engine Lumens	LED Engine LPW
AVI-G3-SY	27	P1	30	3651	122.9
	30			4034	135.8
	40			4246	143.0
	27	P2	44	5245	119.2
	30			5794	131.7
	40			6099	138.6
	27	P3	60	7026	116.1
	30			7762	128.3
	40			8170	135.0
	27	P4	86	9411	109.4
	30			10394	120.9
	40			10943	127.2

Approximate lumens delivered from raw light engine.

Typical Light Distribution



T3 Diffuser



T5 Diffuser

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