

G SERIES

LED Luminaire



Features

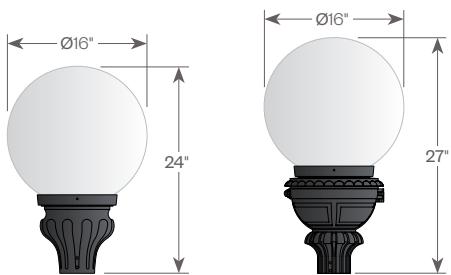
The G Series consists of a 16", 18", or 20" globe and a choice of cast aluminum fitters. Globes are available in white only. Powered by the Amerlux patented AVISTA® LED system with options for intensity, distribution and color.

Product Overview

Wattage:	up to 86W
Lumen 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

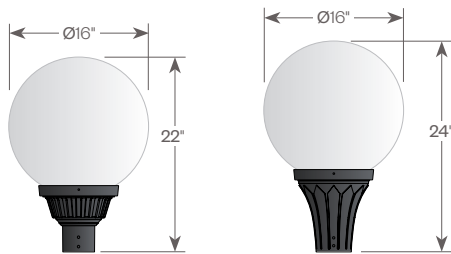
PROJECT:

TYPE:



D131/G16
EPA: 1.10

D134/G16
EPA: 1.23



D135/G16
EPA: 1.0

D136/G16
EPA: 1.05

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

Diffuser Choices:

- White Acrylic (**AC-WH**)
- White Polycarbonate (**PC-WH**)

Distribution:

- Symmetric (**SY**)
- Asymmetric (**AS**)
- Street Optic (**SO**)

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:

- Dusk-to-dawn button type photocell (**PCL**)
- Controls Capable Harness (**CCH**)

ETL listed, suitable for wet locations.



5 year limited warranty
AMERLUX LED



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Ordering Information

1	2	3	4	5	6	7	8	9
1 Model	2 Globe Diameter	3 Diffuser Material - Color		4 LED System				5 Light Distribution
D131 D134 D135 D136	G16 16" G18 18" G20 20"	AC-WH white acrylic PC-WH white polycarbonate		AVI-G3 Avista light engine, standard model				SY symmetrical AS asymmetrical SO street optic
6 CCT	7 Power Level	8 Finish		9 Accessories (specify ONLY one)				
27 2700K 30 3000K 40 4000K	P1 (30W) P2 (44W) P3 (60W) P4 (86W) <i>120V-277V auto-sensing driver is standard. Consult factory for 347V/480V option.</i>	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		PCL dusk-to-dawn button type photocell (not available for use with CCH) CCH controls capable harness (not available for use with PCL)				

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

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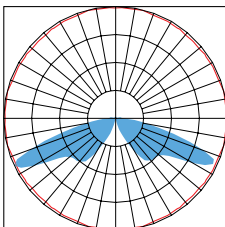
Performance



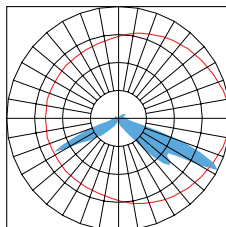
Model	Distribution	CCT	Power Level	System Watts	LED Engine Lumens	LED Engine LPW		
AVI-G3	SY	27	P1	30	3651	122.9		
		30			4034	135.8		
		40			4246	143.0		
	AS	27			3505	118.0		
		30			3872	130.4		
		40			4076	137.2		
	SO	27			3296	111.0		
		30			3579	120.5		
		40			3883	130.7		
	SY	27			P2	44	5245	119.2
		30					5794	131.7
		40					6099	138.6
		AS	27	5035			114.4	
			30	5562			126.4	
			40	5855			133.1	
	SO	27	4654	105.8				
		30	5141	116.8				
		40	5412	123.0				
	SY	27	P3	60			7026	116.1
		30					7762	128.3
		40					8170	135.0
		AS			27	6745	111.5	
					30	7451	123.2	
					40	7843	129.6	
SO	27	6235			103.1			
	30	6887			113.8			
	40	7249			119.8			
SY	27	P4			86	9411	109.4	
	30					10394	120.9	
	40					10943	127.2	
	AS		27	9035		105.1		
			30	9980		116.0		
			40	10505		122.2		
SO	27		8595	99.9				
	30		9494	110.4				
	40		9994	116.2				

IES files supplied are 3000K. For 2700K use a 0.91 multiplier; For 4000K use a 1.05 multiplier.

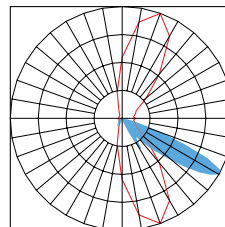
Light Distribution Types



SY Type V



AS Type IV



SO Type III