

AO28 Series

LED Luminaire



Features

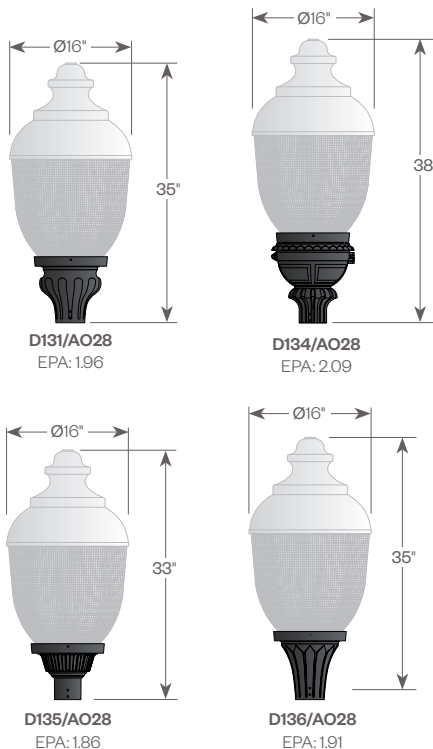
Lighting for exterior retail, commercial and hospitality environments. The AO28 Series consists of an efficient Type III (T3) or Type V (T5) refractive acorn combined with one of several styles of cast aluminum fitters. Powered by the Amerlux patented AVISTA® LED system with options for intensity, distribution 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:

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**)
- Solid Light Lid (**SLL**)
- Wireless control options (**SSINT-1**)
- Integrated 7-pin NEMA receptacle (**7IR**)

ETL listed, suitable for wet locations.



5 year limited warranty
AMERLUX LED

POWDER COATED TOUGH



Electromagnetic 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/AO28		AC-T3 acrylic Type III		AVI-G3-SY Avista light engine, with symmetrical distribution		27 2700K
	D134/AO28		AC-T5 acrylic Type V				30 3000K
	D135/AO28		PC-T3 polycarbonate Type III				40 4000K
	D136/AO28		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, CCH or SLL)		
			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.

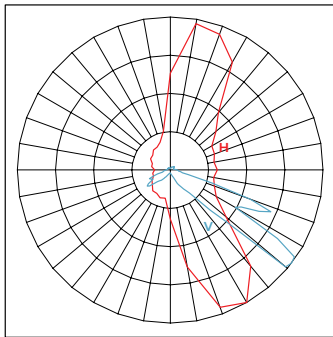
For 2700K use a 0.905 multiplier; For 4000K use a 1.05 multiplier.



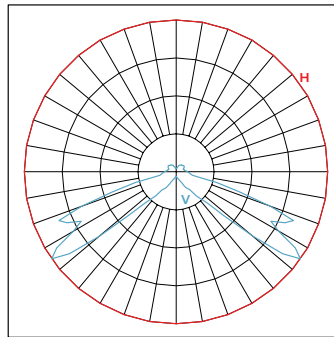
Model	CCT	Power Level	System Watts	LED Engine Lumens	LED Engine LPW
AVI-G3-SY	27	P1	30	3651	122.9
	30			4034	135.8
	40			4246	143.0
	27	P2	44	5245	119.2
	30			5794	131.7
	40			6099	138.6
	27	P3	60	7026	116.1
	30			7762	128.3
	40			8170	135.0
	27	P4	86	9411	109.4
	30			10394	120.9
	40			10943	127.2

Approximate lumens delivered from raw light engine.

Typical Light Distribution



T3 Diffuser



T5 Diffuser