

# AO21 SERIES LED LUMINAIRE

U.4.24.18

## DESCRIPTION:

Lighting for exterior retail, commercial and hospitality environments. The AO21 Series consists of a decorative acorn combined with one of several styles of cast aluminum fitters. Powered by Amerlux's patented AVISTA® LED system with options for intensity, distribution and color.

## 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) 1/4-20" black oxide coated stainless steel captive set screws.

**ETL listed, suitable for wet locations.**

## ELECTRICAL:

- Over voltage and short circuit protected driver
- Series connected 10kV/20kA surge protector
- Automatic AC incoming voltage sensing (120-277v)
- Over voltage and short circuit protection
- 0-10v dimming

## DIFFUSER CHOICES:

- Clear Textured Polycarbonate (**PC-CL**)
- White Textured Polycarbonate (**PC-WH**)
- Clear Textured DR Acrylic (**DR-CL**)

## 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**)

## DISTRIBUTION:

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

## LED Board Drive Current:

- 500ma (**500M**)
- 700ma (**700M**)
- 1200ma (**1200M**)

## CCT:

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

## L70:

50,000+

## ACCESSORIES:

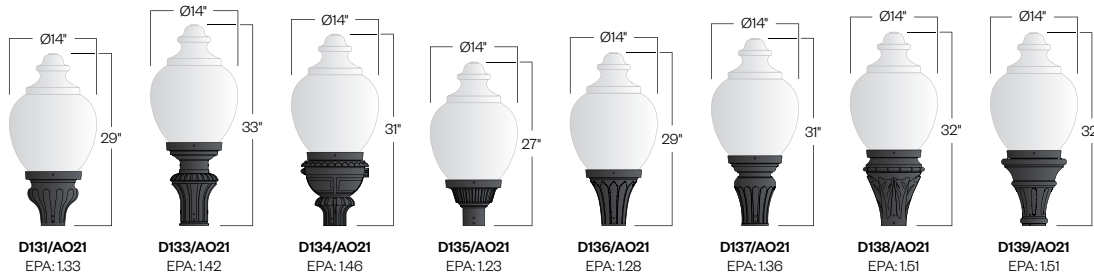
- Slotted Band (**SB**)
- Slotted Band with Rosettes (**SB-FW**)
- Cast aluminum Finial (**CFIN**)
- Dusk-to-dawn Photocell (**PCL**)
- Solid roof (**SR**)

**AO21**  
LED



PROJECT:

TYPE:



## Ordering Information:

Model	Diffuser Material-Color	LED System	Light Distribution	CCT	Driver Output	Finish	Option
D131/AO21	PC-CL PC-WH DR-CL	AVI2	AS SY SO	27 30 40	500M 700M 1200M	BLK CLB GBZ GRN GTB TBK TGR Custom	SB SB-FW CFIN PCL
D133/AO21							
D134/AO21							
D135/AO21							
D136/AO21							
D137/AO21							
D138/AO21							
D139/AO21							

See next page for more complete ordering options



Electrostatic sensitive device.  
observe precautions for handling

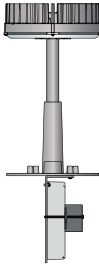
**5** year limited warranty  
AMERLUX LED



Part String

Example: D134/AO21PC-CL/AVI2-AS-27-500M/BLK

LED Options (**bold** indicates ordering code)

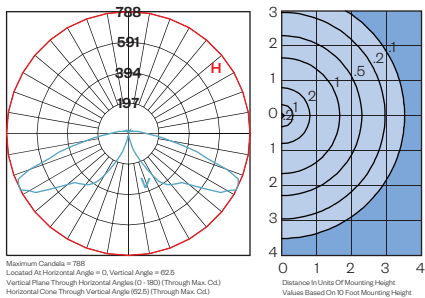
LED System	Driver Output	System Watts	Light Distribution	CCT	Engine Only Lumens	Engine Only LPW	DLC Globe Lumens	DLC Globes LPW
 <b>AVI2</b>	<b>500M</b> (500mA)	27W	<b>SY</b> (Symmetric)	<b>27</b> (2,700K)	3,030 lm	112	2,270 lm	84
				<b>30</b> (3,000K)	3,120 lm	116	2,880 lm	107
				<b>40</b> (4,000K)	3,420 lm	126	3,150 lm	117
			<b>AS</b> (Asymmetric)	<b>27</b> (2,700K)	2,910 lm	108	2,200 lm	81
				<b>30</b> (3,000K)	3,000 lm	111	2,770 lm	103
				<b>40</b> (4,000K)	3,140 lm	116	2,900 lm	107
			<b>SO</b> (Street Optic)	<b>27</b> (2,700K)	2,980 lm	110	2,440 lm	82
				<b>30</b> (3,000K)	3,060 lm	113	2,830 lm	105
				<b>40</b> (4,000K)	3,220 lm	119	2,980 lm	110
	<b>700M</b> (700mA)	38W	<b>SY</b>	<b>27</b> (2,700K)	4,120 lm	109	3,100 lm	81
				<b>30</b> (3,000K)	4,240 lm	112	3,870 lm	103
				<b>40</b> (4,000K)	4,640 lm	123	4,240 lm	112
			<b>AS</b>	<b>27</b> (2,700K)	3,790 lm	100	2,990 lm	60
				<b>30</b> (3,000K)	3,900 lm	103	3,610 lm	96
				<b>40</b> (4,000K)	4,090 lm	108	3,780 lm	100
			<b>SO</b>	<b>27</b> (2,700K)	4,010 lm	106	3,290 lm	86
				<b>30</b> (3,000K)	4,130 lm	109	3,820 lm	101
				<b>40</b> (4,000K)	4,330 lm	115	4,010 lm	106
	<b>1200M</b> (1200mA)	68W	<b>SY</b>	<b>27</b> (2,700K)	6,110 lm	90	*	*
				<b>30</b> (3,000K)	7,260 lm	107	6,720 lm	99
				<b>40</b> (4,000K)	7,530 lm	111	6,970 lm	103
			<b>AS</b>	<b>27</b> (2,700K)	5,690 lm	84	*	*
				<b>30</b> (3,000K)	6,990 lm	103	6,470 lm	96
				<b>40</b> (4,000K)	7,320 lm	108	6,770 lm	100
<b>SO</b>			<b>27</b> (2,700K)	5,820 lm	86	*	*	
			<b>30</b> (3,000K)	7,140 lm	106	6,610 lm	98	
			<b>40</b> (4,000K)	7,500 lm	111	6,940 lm	103	

Approximate lumens delivered from raw light engine.

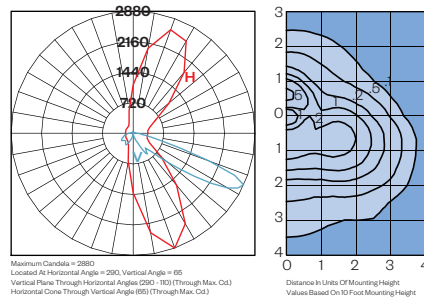
\*These models are not DLC listed.

Photometry

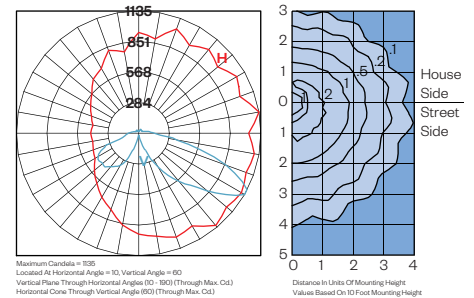
AO21PC-CL-AVI2-700M-SY-27



AO21PC-CL-AVI2-700MA-SO-27



AO21PC-CL-AVI2-700M-AS-27



Accessories



Shown with slotted band with rosettes, and finial  
**(D138/AO21/SB-FW/CFIN)**