

# AO25 SERIES LED UTILITY LUMINAIRE

U.5.10.16

## DESCRIPTION:

The AO25 Series consists of a decorative acorn combined with one of several styles of cast aluminum utility 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.

## 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

ETL listed, suitable for wet locations.

## 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:

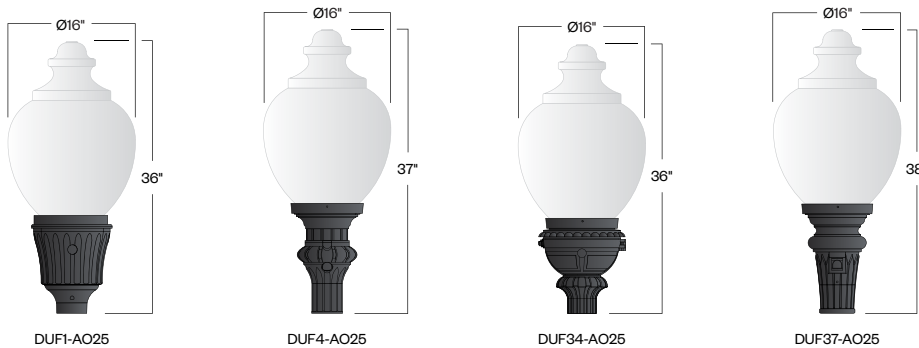
- Cast aluminum Finial (CFIN)
- Twistlock Photocell (TW-PCL)
- 7 pin integrated receptacle (7IR)
- Controls Capable Harness (CCH)

AO25  
LED UTILITY



PROJECT:

TYPE:



Ordering Information:

Model	Diffuser Material-Color	LED System	Light Distribution	CCT	Driver Output	Finish	Option
DUF1-AO25	PC-CL	AVI2	AS	27	500M	BLK	CFIN
DUF4-AO25	PC-WH		SY	30	700M	CLB	TW-PCL
DUF34-AO25	DR-CL		SO	40	1200M	GBZ	7IR
DUF37-AO25						GRN	CCH
						GTB	
						TBK	
						TGR	
						Custom	

See next page for more complete ordering options



5 year limited warranty  
AMERLUX LED



Part String

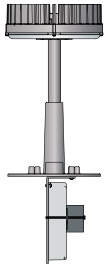
Example: D131-AO25PC-CL/100MH/120v/BLK

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Amerlux reserves the right to change details that do not affect overall function and performance.



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



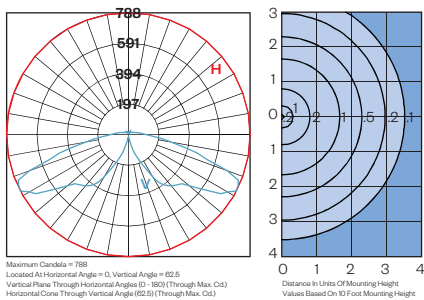
LED System	Driver Output	System Watts	Light Distribution	CCT	Engine Only Lumens	Engine Only LPW	DLC Globe Lumens	DLC Globes LPW	
AVI2	500M (500mA)	27W	SY (Symmetric)	27 (2,700K)	3,030 lm	112	2,270 lm	84	
				30 (3,000K)	3,120 lm	116	2,880 lm	107	
				40 (4,000K)	3,420 lm	126	3,150 lm	117	
				27 (2,700K)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

Approximate lumens delivered from raw light engine.

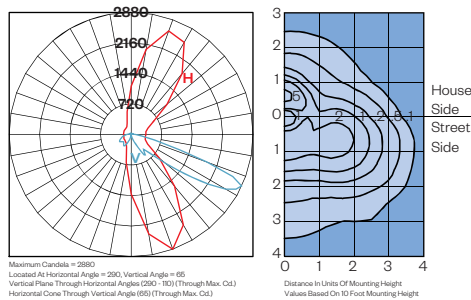
\*These models are not DLC listed.

Photometry

AO25PC-CL-AVI2-700M-SY-27



AO25PC-CL-AVI2-700MA-SO-27



AO25PC-CL-AVI2-700M-AS-27

