

# ARP23 SERIES LED UTILITY LUMINAIRE

U.10.17.18

## DESCRIPTION:

The ARP23 Utility Series consists of an efficient Type III (T3) or Type V (T5) refractive 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:

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

## 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**)

## 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**)

ARP23  
LED UTILITY

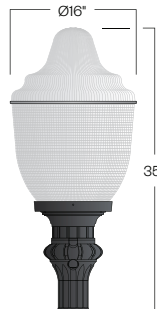


PROJECT:

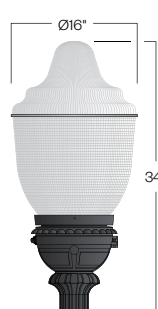
TYPE:



DUF1-ARP23



DUF4-ARP23



DUF34-ARP23



DUF37-ARP23

## Ordering Information:

Model	Diffuser Material	Lens Distribution	LED System	CCT	Driver Output	Finish	Accessory
DUF1-ARP23	AC PC	T3 T5	AVI2-SY	27	500M	BLK	CFIN
DUF4-ARP23				30	700M	CLB	PCL
DUF34-ARP23				40	1200M	GBZ	7IR
DUF37-ARP23						GRN	CCH
						TBK	
						TGR	
						Custom	

See next page for light engine performance



Electrostatic sensitive device.  
observe precautions for handling

5 year limited  
warranty  
AMERLUX LED



Part String

Example: DUF1-ARP23/AC-T5/AVI-SY-3H/BLK

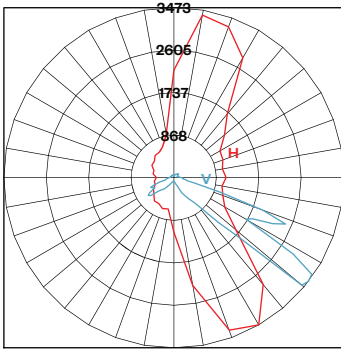
LED Options (**BOLD** indicates ordering code)

LED System	Driver Output	System Watts	CCT	Engine Only Lumens	Engine Only LPW
<b>AVI2-SY</b>	<b>500M</b> (500mA)	27W	<b>27</b> (2,700K)	3,030 lm	112
			<b>30</b> (3,000K)	3,120 lm	116
			<b>40</b> (4,000K)	3,420 lm	126
	<b>700M</b> (700mA)	38W	<b>27</b> (2,700K)	4,120 lm	109
			<b>30</b> (3,000K)	4,240 lm	112
			<b>40</b> (4,000K)	4,640 lm	123
	<b>1200M</b> (1200mA)	68W	<b>27</b> (2,700K)	6,110 lm	90
			<b>30</b> (3,000K)	7,260 lm	107
			<b>40</b> (4,000K)	7,530 lm	111

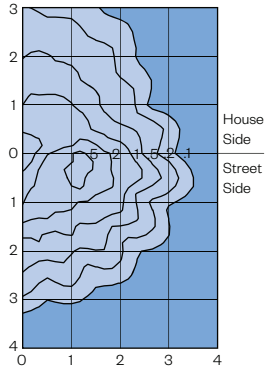
Example: D138/AO28/T3/AVI2-SY-700M-27/BLK

Photometry

ARP23-T3-AVI2-SY-40-700M

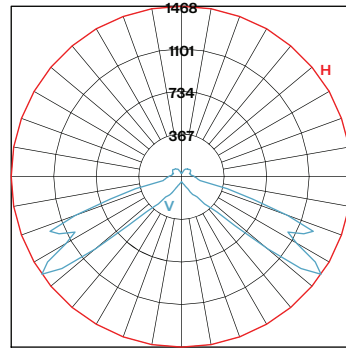


Maximum Candela = 3473  
 Located At Horizontal Angle = 300, Vertical Angle = 52.5  
 Vertical Plane Through Horizontal Angles (300 - 120) (Through Max. Cd.)  
 Horizontal Cone Through Vertical Angle (52.5) (Through Max. Cd.)

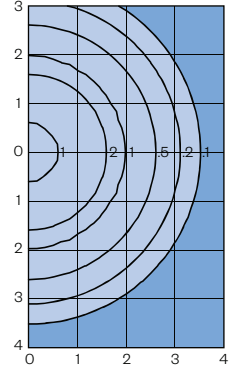


Distance In Units Of Mounting Height  
 Values Based On 10 Ft Mounting Height

ARP23-T5-AVI2-SY-40-700M



Maximum Candela = 1488  
 Located At Horizontal Angle = 0, Vertical Angle = 55  
 Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
 Horizontal Cone Through Vertical Angle (55) (Through Max. Cd.)



Distance In Units Of Mounting Height  
 Values Based On 10 Ft Mounting Height