

AR18GL SERIES LED UTILITY LUMINAIRE

U.7.17.19

DESCRIPTION:

The AR18GL Utility Series consists of an efficient Type III (T3) or Type V (T5) refractive borosilicate glass 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.

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
- 3 pin twist lock receptacle included (photocell optional)
- Optional 7 pin twist lock receptacle available, consult factory

ETL listed, suitable for wet locations.

DIFFUSER CHOICES:

- Type III (T3)
- Type V (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)
- Finial (FIN-08)
- Finial (FIN-760)
- Twistlock Photocell (TW-PCL)
- Decorative Ring (R)
- Solid Roof (SR)

AR18GL Series LED UTILITY



PROJECT:

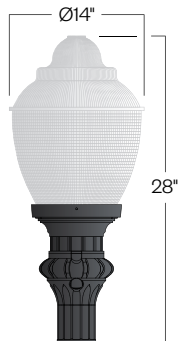
LOCATION:

FIXTURE TYPE:

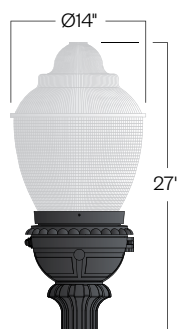
NOTES:



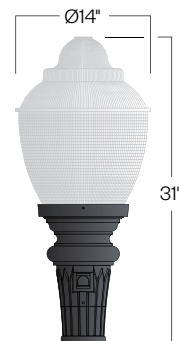
DUF1-AR18GL



DUF4-AR18GL



DUF34-AR18GL



DUF37-AR18GL



Electrostatic sensitive device.
observe precautions for handling

5 year limited
warranty
AMERLUX LED



Ordering Information



Add additional accessories as needed.

1 Model
DUF1-AR18GL
DUF4-AR18GL
DUF34-AR18GL
DUF37-AR18GL

2 Diffuser Choices
T3 - Type 3
T5 - Type 5

3 LED System
AVI2-SY - Symmetric Distribution

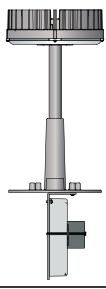
4 CCT
27 - 2,700K
30 - 3,000K
40 - 4,000K

5 Drive Current
500M - 500mA
700M - 700mA
1200M - 1200mA

6 Finish
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

7 Accessories
CFIN - Cast Aluminum Finial
FIN-08 - Finial
FIN-760 - Finial
TW-PCL - Dusk-to-dawn photocell
R - Decorative Ring
SR - Solid Roof

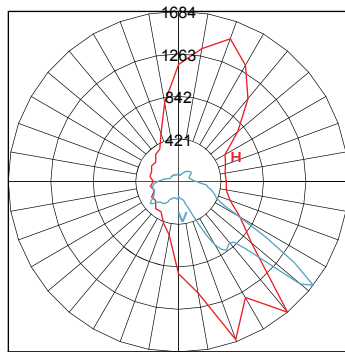
LED Options (**bold** indicates ordering code)

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

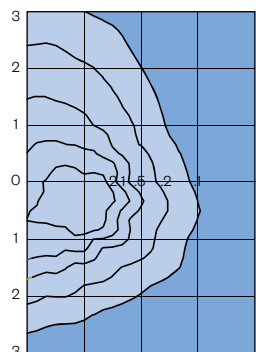
Example: D138/AO28/T3/AVI2-SY-700M-27/BLK

Photometry

AR18GL-T3-AVI2-SY-40-700M



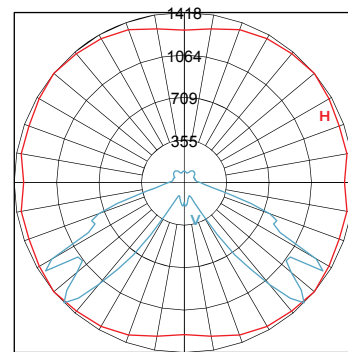
Maximum Candela = 1684
 Located At Horizontal Angle = 310, Vertical Angle = 52.5
 Vertical Plane Through Horizontal Angles (310 - 130) (Through Max Cd)
 Horizontal Cone Through Vertical Angle (52.5) (Through Max Cd)



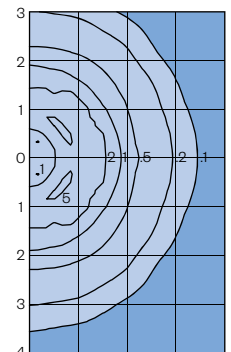
Distance In Units Of Mounting Height
 Values Based On 10 Foot Mounting Height

House Side
 Street Side

AR18GL-T5-AVI2-SY-40-1200M



Maximum Candela = 1418
 Located At Horizontal Angle = 40, Vertical Angle = 45
 Vertical Plane Through Horizontal Angles (40 - 220) (Through Max Cd)
 Horizontal Cone Through Vertical Angle (45) (Through Max Cd)



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

Accessories

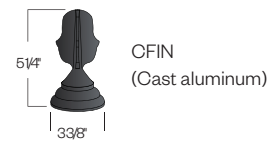


Shown with decorative ring and finial
(D138/AR18GL/R/FIN-08)

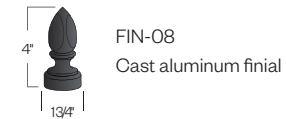


Shown with solid roof and finial
D138/AR18GL/SR/CFIN

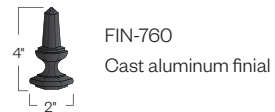
Finial Styles



CFIN
 (Cast aluminum)



FIN-08
 Cast aluminum finial



FIN-760
 Cast aluminum finial