

DU770 SERIES LED UTILITY LUMINAIRE

U.7.17.19

DU770 Series
LED UTILITY

DESCRIPTION

The DU770AP Series consists of a cast aluminum fitter and cage assembly surrounding a clear or white textured lens. 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:

- 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:

- Twistlock photocell (TW-PCL)

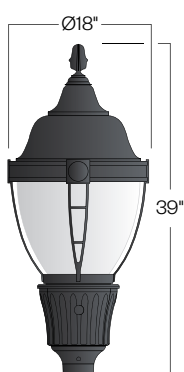


PROJECT:

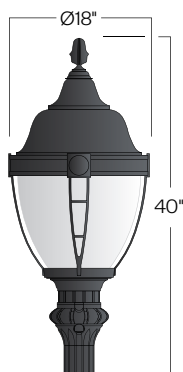
LOCATION:

FIXTURE TYPE:

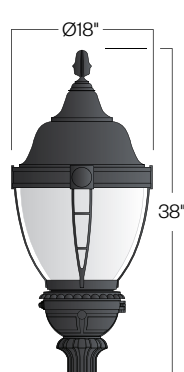
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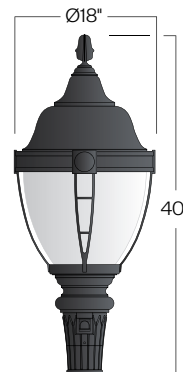
DU770-F1



DU770-F4



DU770-F34



DU770-F37



Electrostatic sensitive device.
observe precautions for handling

5 year limited
warranty
AMERLUX LED



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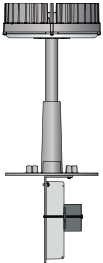


Ordering Information



Add additional accessories as needed.

- 1** Model
DU770-F1
DU770-F4
DU770-F34
DU770-F37
- 2** Diffuser
Material-Color
PC-CL - Clear Textured Polycarbonate
PC-WH - White Textured Polycarbonate
DR-CL - Clear Textured DR Acrylic
- 3** LED System
AVI2 - Standard model
- 4** Light Distribution
SY - Symmetric
AS - Asymmetric
SO - Street Optic
- 5** CCT
27 - 2,700K
30 - 3,000K
40 - 4,000K
- 6** Drive Current
500M - 500mA
700M - 700mA
1200M - 1200mA
- 7** 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
- 8** Accessories
TW-PCL - Dusk-to-dawn photocell

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

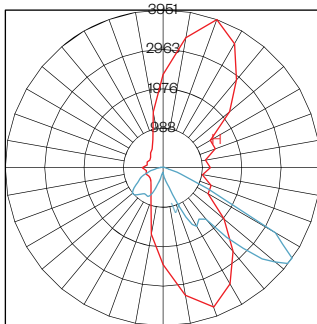
LED System	Driver Output	System Watts	Light Distribution	CCT	Engine Only Lumens	Engine Only LPW
  	500M (500mA)	27W	SY (Symmetric)	27 (2,700K)	3,030 lm	112
				30 (3,000K)	3,120 lm	116
				40 (4,000K)	3,420 lm	126
			AS (Asymmetric)	27 (2,700K)	2,910 lm	108
				30 (3,000K)	3,000 lm	111
				40 (4,000K)	3,140 lm	116
	700M (700mA)	38W	SY	27 (2,700K)	4,120 lm	109
				30 (3,000K)	4,240 lm	112
				40 (4,000K)	4,640 lm	123
			AS	27 (2,700K)	3,790 lm	100
				30 (3,000K)	3,900 lm	103
				40 (4,000K)	4,090 lm	108
	1200M (1200mA)	68W	SY	27 (2,700K)	4,010 lm	106
				30 (3,000K)	4,130 lm	109
				40 (4,000K)	4,330 lm	115
			AS	27 (2,700K)	6,110 lm	90
				30 (3,000K)	7,260 lm	107
				40 (4,000K)	7,530 lm	111
SO (Street Optic)	27 (2,700K)	5,690 lm	84			
	30 (3,000K)	6,990 lm	103			
	40 (4,000K)	7,320 lm	108			
SO	27 (2,700K)	5,820 lm	86			
	30 (3,000K)	7,140 lm	106			
	40 (4,000K)	7,500 lm	111			

DLC applies to the Light Engine only.

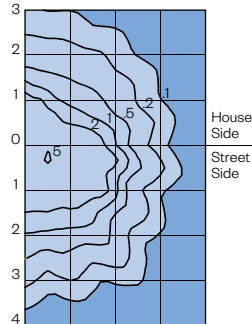
*These models are not DLC listed.

Photometry

D77X-AVI2-1200M-SO-50



Maximum Candels = 3872
 Located At Horizontal Angle = 70, Vertical Angle = 55
 Vertical Plane Through Horizontal Angles (70 - 250) (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