

DU770 SERIES LED UTILITY LUMINAIRE

U.10.17.18

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

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+

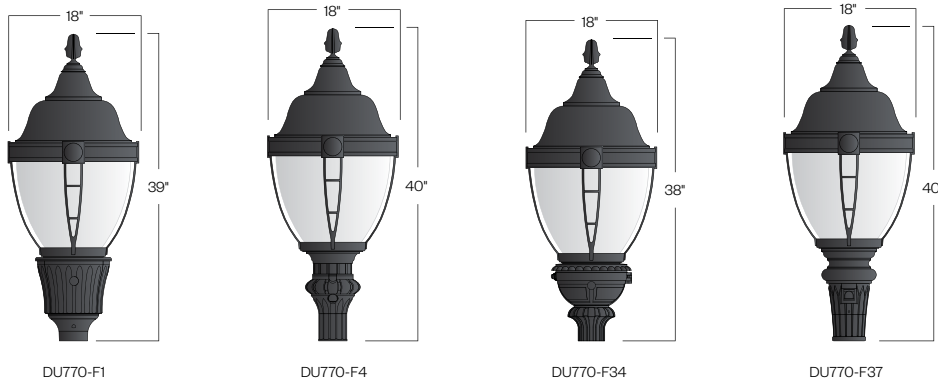
ACCESSORIES:

- Dusk-to-dawn Photocell (**PCL**)



PROJECT:

TYPE:



Ordering Information:

Model	Diffuser Material-Color	LED System	Light Distribution	CCT	Driver Output	Finish	Option
DU770-F1 DU770-F4 DU770-F34 DU770-F37	PC-CL PC-WH DR-CL	AVI2	AS SY SO	27 30 40	500M 700M 1200M	BLK CLB GBZ GRN GTB TBK TGR Custom	PCL

See next page for more complete ordering options



5 year limited warranty
AMERLUX LED



Part String

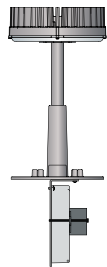
Example: DU770-F1/PC-CL/LSK-SY-3H/BLK

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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)



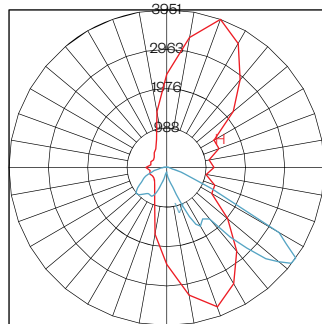
LED System	Driver Output	System Watts	Light Distribution	CCT	Engine Only Lumens	Engine Only LPW
AVI2	500M (500mA)	27W	SY (Symmetric)	27 (2,700K)	3,030 lm	112
				30 (3,000K)	3,120 lm	116
				40 (4,000K)	3,420 lm	126
			AS (Asymmetric)	27 (2,700K)	2,910 lm	108
				30 (3,000K)	3,000 lm	111
				40 (4,000K)	3,140 lm	116
			SO (Street Optic)	27 (2,700K)	2,980 lm	110
				30 (3,000K)	3,060 lm	113
				40 (4,000K)	3,220 lm	119
	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
			SO	27 (2,700K)	4,010 lm	106
				30 (3,000K)	4,130 lm	109
				40 (4,000K)	4,330 lm	115
	1200M (1200mA)	68W	SY	27 (2,700K)	6,110 lm	90
				30 (3,000K)	7,260 lm	107
				40 (4,000K)	7,530 lm	111
			AS	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.

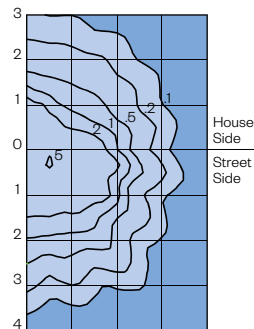
*These models are not DLC listed.

Photometry

D77X-AVI2-1200M-SO-50



Maximum Candela = 3951
 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