

# DU770AP SERIES LED UTILITY LUMINAIRE

U.10.17.18

DU770AP Series  
LED UTILITY

## DESCRIPTION

The DU770AP Series consists of a cast aluminum utility 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+

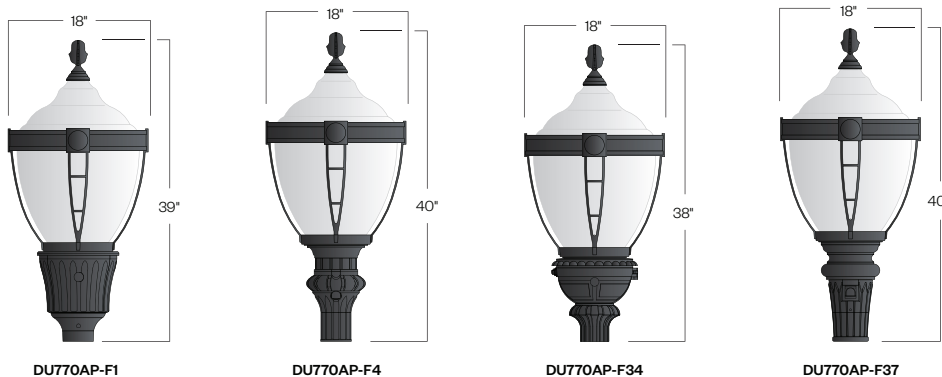
## ACCESSORIES:

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



PROJECT:

TYPE:



DU770AP-F1

DU770AP-F4

DU770AP-F34

DU770AP-F37

Ordering Information:

Model	Diffuser Material-Color	LED System	Light Distribution	CCT	Driver Output	Finish	Option
DU770AP-F1 DU770AP-F4 DU770AP-F34 DU770AP-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	TW-PCL

See next page for more complete ordering options



Electrostatic sensitive device,  
observe precautions for handling

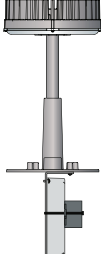


5 year limited  
warranty  
AMERLUX LED



Part String

Example: D770AP-F1/PC-CL/AVI2-SY-30-700M/BLK

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

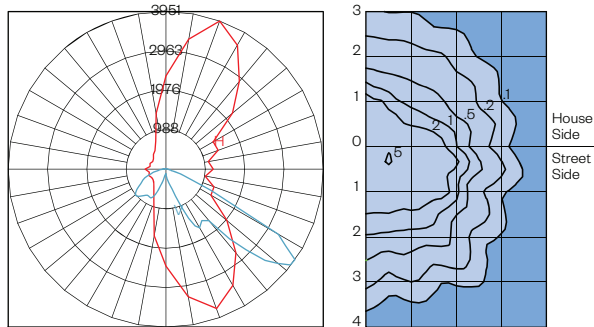
LED System	Driver Output	System Watts	Light Distribution	CCT	Engine Only Lumens	Engine Only LPW
   	500M (500mA)	27W	SY (Symmetric)	<b>27</b> (2,700K)	3,030 lm	112
				<b>30</b> (3,000K)	3,120 lm	116
				<b>40</b> (4,000K)	3,420 lm	126
			AS (Asymmetric)	<b>27</b> (2,700K)	2,910 lm	108
				<b>30</b> (3,000K)	3,000 lm	111
				<b>40</b> (4,000K)	3,140 lm	116
			SO (Street Optic)	<b>27</b> (2,700K)	2,980 lm	110
				<b>30</b> (3,000K)	3,060 lm	113
				<b>40</b> (4,000K)	3,220 lm	119
	700M (700mA)	38W	SY	<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
			AS	<b>27</b> (2,700K)	3,790 lm	100
				<b>30</b> (3,000K)	3,900 lm	103
				<b>40</b> (4,000K)	4,090 lm	108
			SO	<b>27</b> (2,700K)	4,010 lm	106
				<b>30</b> (3,000K)	4,130 lm	109
				<b>40</b> (4,000K)	4,330 lm	115
	1200M (1200mA)	68W	SY	<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
			AS	<b>27</b> (2,700K)	5,690 lm	84
				<b>30</b> (3,000K)	6,990 lm	103
				<b>40</b> (4,000K)	7,320 lm	108
SO			<b>27</b> (2,700K)	5,820 lm	86	
			<b>30</b> (3,000K)	7,140 lm	106	
			<b>40</b> (4,000K)	7,500 lm	111	

DLC applies to the Light Engine only.

\*These models are not DLC listed.

Photometry

D77X-AVI2-SO-50-1200M



Maximum Candela = 3951  
 Located At Horizontal Angle = 70, Vertical Angle = 65  
 Vertical Plane Through Horizontal Angles (70 - 260) (Through Max. Cd.)  
 Horizontal Cone Through Vertical Angle (65) (Through Max. Cd.)

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