

# DU770AP SERIES LED UTILITY LUMINAIRE

U.7.17.19

## 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
- 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:

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

## DU770AP Series LED UTILITY

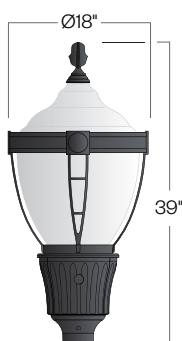


PROJECT:

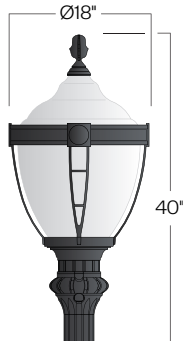
LOCATION:

FIXTURE TYPE:

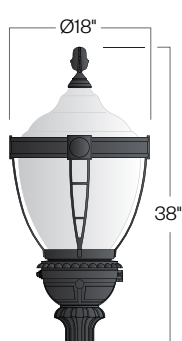
NOTES:



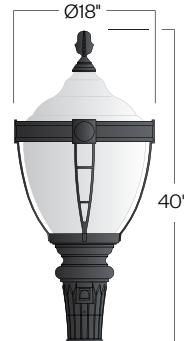
DU770AP-F1



DU770AP-F4



DU770AP-F34



DU770AP-F37



Electrostatic sensitive device.  
observe precautions for handling

**5** year limited  
warranty  
AMERLUX LED



# DU770AP SERIES LED UTILITY LUMINAIRE

DU770AP Series  
LED UTILITY

## Ordering Information

1

2

3

4

5

6

7

8

Add additional accessories as needed.

1

### Model

**DU770AP-F1**  
**DU770AP-F4**  
**DU770AP-F34**  
**DU770AP-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

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### Light Distribution

**SY** - Symmetric  
**AS** - Asymmetric  
**SO** - Street Optic

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### CCT

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

6

### Drive Current

**500M** - 500mA  
**700M** - 700mA  
**1200M** - 1200mA

7

### Finish

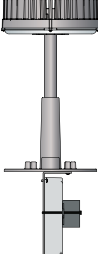
**BLK** - Satin Black  
**CLB** - Classic Bronze  
**GBZ** - Gloss Textured Bronze  
**GRN** - Green  
**GTB** - Gloss Textured Black  
**TBK** - Textured Black  
**TGR** - Gloss Textured Green  
**CSTM** - Custom

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### Accessories

**TW-PCL** - Dusk-to-dawn photocell

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

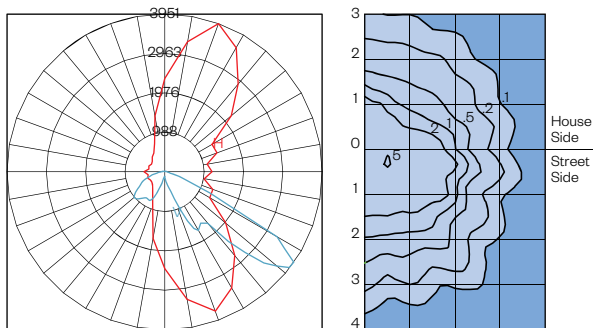
LED System	Driver Output	System Watts	Light Distribution	CCT	Engine Only Lumens	Engine Only LPW
 <b>AVI2</b>	<b>500M</b> (500mA)	27W	<b>SY</b> (Symmetric)	<b>27</b> (2,700K)	3,030 lm	112
				<b>30</b> (3,000K)	3,120 lm	116
				<b>40</b> (4,000K)	3,420 lm	126
			<b>AS</b> (Asymmetric)	<b>27</b> (2,700K)	2,910 lm	108
				<b>30</b> (3,000K)	3,000 lm	111
				<b>40</b> (4,000K)	3,140 lm	116
			<b>SO</b> (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
	<b>700M</b> (700mA)	38W	<b>SY</b>	<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>AS</b>	<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
			<b>SO</b>	<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
	<b>1200M</b> (1200mA)	68W	<b>SY</b>	<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
			<b>AS</b>	<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
<b>SO</b>			<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 = 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