

# DU770 Series

## Utility LED Luminaire



### Features

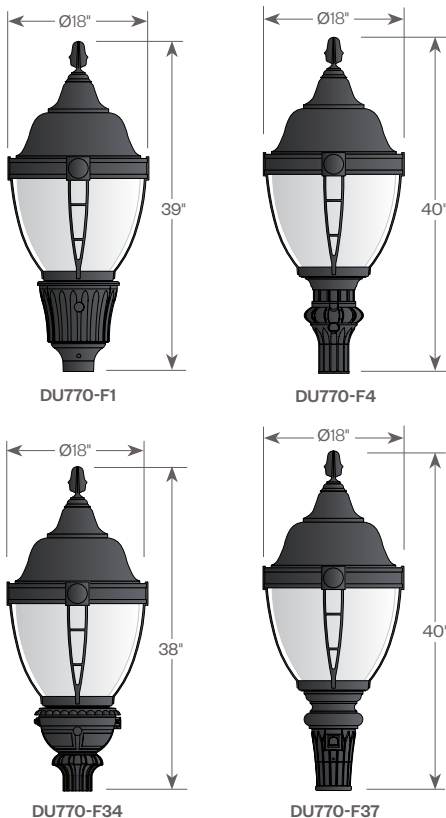
Decorative lighting for residential roadway and commercial properties, where independent fixture control is desired. The D770 Series consists of a cast aluminum fitter and cage assembly surrounding a clear or white textured lens and a spun aluminum top. Powered by the Amerlux patented AVISTA® LED system with options for intensity, distribution and color.

### Product Overview

Wattage:	up to 86W
Lumen Output :	up to 10,943 lm; up to 143 lm/W
Color Temp:	2700K, 3000K, 4000K
Dimming:	0-10V dimming Manual onboard dimming option available

### PROJECT:

### TYPE:



### 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 set screws.

### Electrical:

- Over voltage and short circuit protected driver
- Series connected 10kV/20kA surge protector
- Automatic AC incoming voltage sensing (120V-277V)
- 347V-480V option consult factory
- 0-10v dimming
- 3 pin twistlock receptacle included (photocell optional)
- Optional 7 pin twistlock receptacle available, consult factory

### Diffuser Choices:

- Clear Textured Polycarbonate (PC-CL)
- White Textured Acrylic (AC-WH)
- Clear Textured DR Acrylic (DR-CL)

ETL listed, suitable for wet locations.

### Distribution:

- Symmetric (SY)
- Asymmetric (AS)
- Street Optic (SO)

### CCT:

- 2,700K (27)
- 3,000K (30)
- 4,000K (40)

### Power Level:

(see performance chart for output)

- P1 (30W)
- P2 (44W)
- P3 (60W)
- P4 (86W)

### L70:

72,000+ hrs.

### 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)

### Accessories:

- Twistlock Photocell (TW-PCL)



5 year limited warranty  
AMERLUX LED



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## Ordering Information

1	2	3	4	5	6	7	8
<b>1 Model</b> DU770-F1 DU770-F4 DU770-F34 DU770-F37	<b>2 Diffuser Material - Color</b> PC-CL clear textured polycarbonate AC-WH white textured acrylic DR-CL clear textured DR acrylic	<b>3 LED System</b> AVI-G3 Avista light engine, standard model	<b>4 Light Distribution</b> SY symmetrical AS asymmetrical SO street optic	<b>5 CCT</b> 27 2700K 30 3000K 40 4000K	<b>6 Power Level</b> P1 (30W) P2 (44W) P3 (60W) P4 (86W) <i>120V-277V auto-sensing driver is standard. Consult factory for 347V/480V option.</i>	<b>7 Finish</b> 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	<b>8 Accessories</b> TW-PCL twistlock photocell 7PIN 7-pin twistlock receptacle <i>Note: All fitters include a 3-pin twistlock receptacle and an access door with window for the photocell. The photocell device is optional.</i>

*Please Note: Fixture is available with optional Medium base (MDO) or Mogul base (MGO) socket only. Consult factory for details.*

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PROJECT:

TYPE:

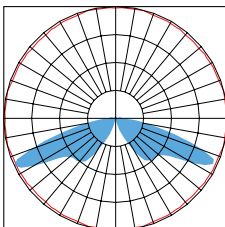
## Performance



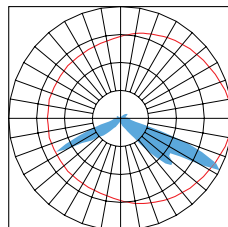
Model	Distribution	CCT	Power Level	System Watts	LED Engine Lumens	LED Engine LPW	BUG Rating	
AVI-G3	SY	27	P1	30	3651	122.9	2-3-2	
		30			4034	135.8	2-3-2	
		40			4246	143.0	2-3-2	
	AS	27			3505	118.0	1-3-2	
		30			3872	130.4	1-3-2	
		40			4076	137.2	1-3-2	
	SO	27			3296	111.0	1-3-1	
		30			3579	120.5	1-3-1	
		40			3883	130.7	1-3-1	
	SY	SY	27	P2	44	5245	119.2	2-3-2
			30			5794	131.7	2-3-2
			40			6099	138.6	2-3-2
		AS	27			5035	114.4	2-3-2
			30			5562	126.4	2-3-2
			40			5855	133.1	2-3-2
		SO	27			4654	105.8	1-3-2
			30			5141	116.8	1-3-2
			40			5412	123.0	1-3-2
	SY	SY	27	P3	60	7026	116.1	2-3-3
			30			7762	128.3	2-3-3
			40			8170	135.0	3-3-3
		AS	27			6745	111.5	2-3-2
			30			7451	123.2	2-3-2
			40			7843	129.6	2-3-2
SO		27	6235			103.1	2-3-3	
		30	6887			113.8	2-3-3	
		40	7249			119.8	2-3-3	
SY	SY	27	P4	86	9411	109.4	2-3-3	
		30			10394	120.9	2-3-3	
		40			10943	127.2	3-3-3	
	AS	27			9035	105.1	2-3-2	
		30			9980	116.0	2-3-2	
		40			10505	122.2	2-3-2	
	SO	27			8595	99.9	2-3-3	
		30			9494	110.4	2-3-3	
		40			9994	116.2	2-3-3	

IES files supplied are 3000K. For 2700K use a 0.91 multiplier; For 4000K use a 1.05 multiplier.

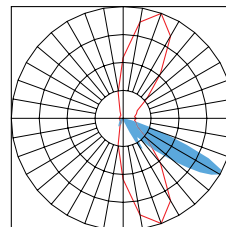
## Light Distribution Types



SY Type V



AS Type IV



SO Type III