

DU730AO Series

Utility LED Luminaire



Features

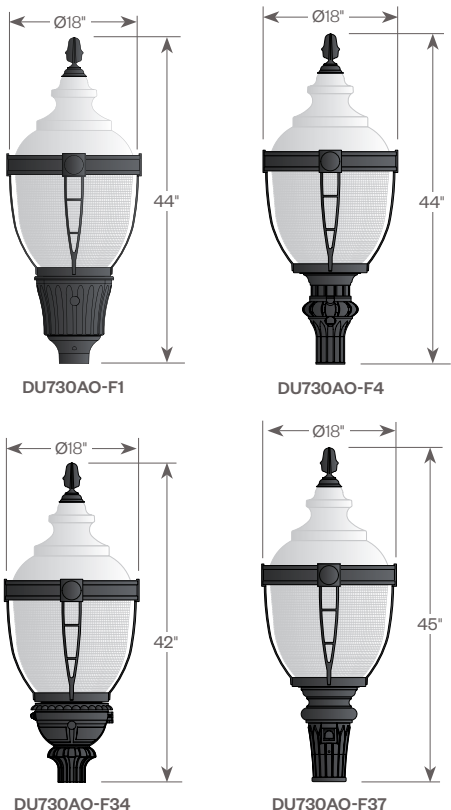
Decorative lighting for residential roadway and commercial properties, where independent fixture control is desired. The D730AO Series consists of an efficient Type III (T3) or Type V (T5) refractive lens combined with one of several styles of cast aluminum fitters and a decorative cage. Powered by the Amerlux patented AVISTA® LED system with options for intensity, distribution and color.

Product Overview

Wattage:	up to 86W
Lumen Engine 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 captive 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:

- Acrylic Type III (AC-T3)
- Acrylic Type V (AC-T5)
- Polycarbonate Type III (PC-T3)
- Polycarbonate Type V (PC-T5)

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)

ETL listed, suitable for wet locations.



5 year limited warranty
AMERLUX LED



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PROJECT:

TYPE:

Ordering Information



1	2	3	4
Model	Diffuser Material - Color	LED System	CCT
DU730AO-F1 DU730AO-F4 DU730AO-F34 DU730AO-F37	AC-T3 acrylic Type III AC-T5 acrylic Type V PC-T3 polycarbonate Type III PC-T5 polycarbonate Type V	AVI-G3-SY Avista light engine, with symmetrical distribution	27 2700K 30 3000K 40 4000K
5	6	7	
Power Level	Finish	Accessories	
P1 (30W) P2 (44W) P3 (60W) P4 (86W) <i>120V-277V auto-sensing driver is standard. Consult factory for 347V/480V option.</i>	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	TW-PCL twistlock photocell 7PIN 7-pin twistlock receptacle Note: All fitters include a 3-pin twistlock receptacle and an access door with window for the photocell. The photocell device is optional.	

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:

Engine Only Performance

ALL IES files supplied are 3000K.

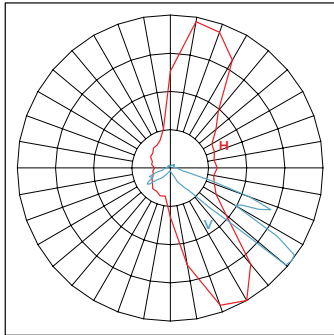
For 2700K use a 0.905 multiplier; For 4000K use a 1.05 multiplier.



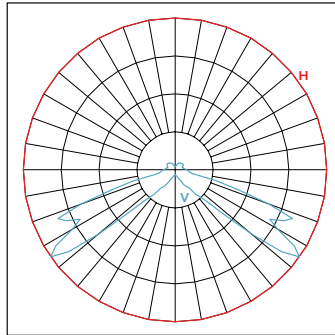
Model	CCT	Power Level	System Watts	LED Engine Lumens	LED Engine LPW
AVI-G3-SY	27	P1	30	3651	122.9
	30			4034	135.8
	40			4246	143.0
	27	P2	44	5245	119.2
	30			5794	131.7
	40			6099	138.6
	27	P3	60	7026	116.1
	30			7762	128.3
	40			8170	135.0
	27	P4	86	9411	109.4
	30			10394	120.9
	40			10943	127.2

Approximate lumens delivered from raw light engine.

Typical Light Distribution



T3 Diffuser



T5 Diffuser