

DU730AO Series

Utility LED Luminaire



PROJECT:

TYPE:

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. The spun aluminum hood minimizes light in the upper hemisphere. 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



DU730AO-Fxx

Certifications



Fixture Summary

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) 5/16"-18 square head, 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
- 7 pin twistlock receptacle included (*photocell optional*)
- Optional 3 pin twistlock receptacle available, consult factory
- Optional Socket only version available, consult factory

Diffuser Choices:

- Acrylic Type III
- Acrylic Type V

CCT, CRI:

- 2700K, 80CRI
- 3000K, 70CRI
- 4000K, 70CRI

Power Level:

(see performance chart for output)

- 30W
- 44W
- 60W
- 86W

L70:

72,000+ hrs.

Finish:

Durable thermoset polyester powdercoat finish in the following:

- Satin Black
- Classic Bronze
- Gloss Textured Bronze
- Green
- Gloss Textured Black
- Textured Black
- Gloss Textured Green

Accessories:

- Twistlock photocell
- Optional onboard field selectable output switch for dimming

ETL listed, suitable for wet locations.

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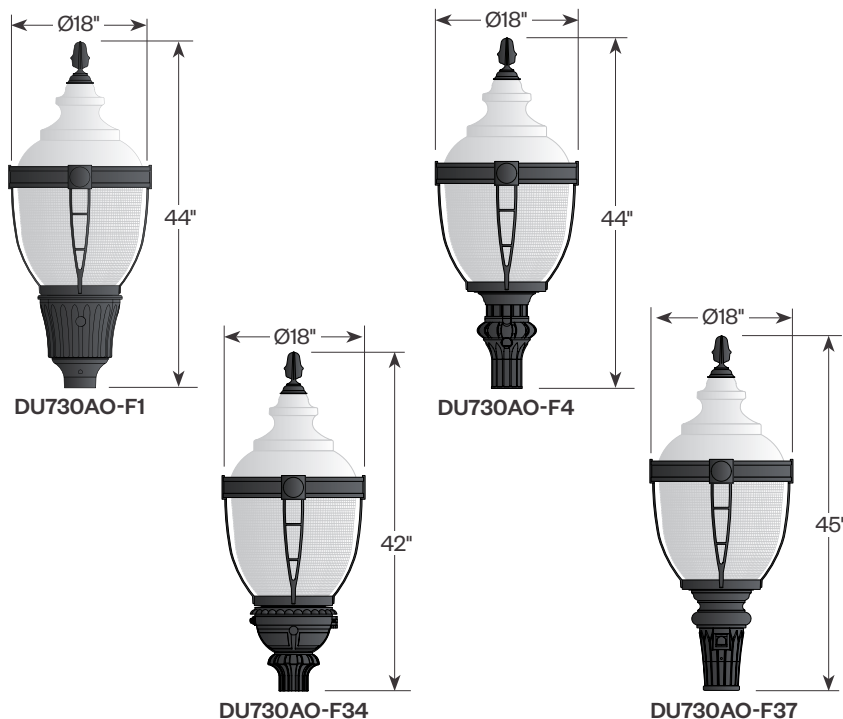
TYPE:

Ordering Information

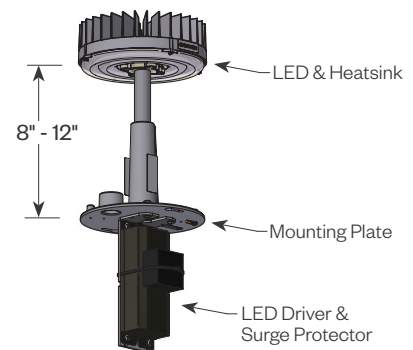
AVI-G3-SY						
1	2	3	4	5	6	7
1 Model	2 Diffuser Material - Distribution	3 LED System	4 CCT	5 Power Level	6 Finish	7 Accessories
DU730AO-F1	AC-T3 acrylic type III	AVI-G3-SY Avista light engine with symmetrical distribution	27 2700K	P1 30W	BLK satin black	TW-PCL twistlock photocell
DU730AO-F4	AC-T5 acrylic type V		30 3000K	P2 44W	CLB classic bronze	3PIN 3-pin twistlock receptacle
DU730AO-F34			40 4000K	P3 60W	GBZ gloss textured bronze	FSO field selectable output (to allow manual dimming, not available for use with the standard 7 pin receptacle)
DU730AO-F37				P4 86W	GRN green	
				120V-277V auto-sensing driver is standard. Consult factory for 347V/480V option.	GTB gloss textured black	Note: All fitters include a 7-pin twistlock receptacle and an access door with window for the photocell. The photocell device is optional.
					TBK textured black	
					TGR gloss textured green	
					CSTM custom	

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

Product Details



Avista Light Engine



AVI-G3

Weight: 6.2 - 6.6 lbs*

* Weight varies with Power output due to variances of the driver.



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Performance Data

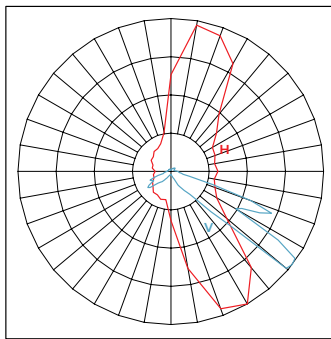
Multiplying Factors: (Multiplying Factor is based on 3000K IES file on website)

CCT:	2700K	3000K	4000K
Factor:	0.91	1.0	1.05

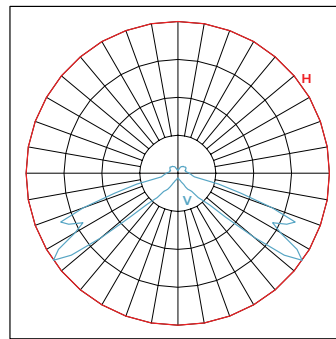
Model	CCT	Power Level	System Watts	LED Engine Lumens	LED Engine LPW
AVI-G3-SY	27	P1	30	3651	122.9
	30			4034	135.8
	40			4246	143.0
	27	P2	44	5245	119.2
	30			5794	131.7
	40			6099	138.6
	27	P3	60	7026	116.1
	30			7762	128.3
	40			8170	135.0
	27	P4	86	9411	109.4
	30			10394	120.9
	40			10943	127.2

Approximate lumens delivered from raw light engine.

Typical Light Distribution



T3 Diffuser



T5 Diffuser

Spectral Power Distribution

