DUCG Series

Utility LED Luminaire



PROJECT: TYPE:

Features

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

Product Overview

Wattage: up to 86W

 $\begin{array}{ll} \textbf{Lumen Output:} & up to 10,943 \, \text{lm}; up to 143 \, \text{lm/W} \\ \textbf{Color Temp:} & 2700 \, \text{K}, 3000 \, \text{K}, 4000 \, \text{K} \end{array}$

Dimming: 0-10V dimming

Manual onboard dimming option available



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
- Polycarbonate Type III
- Polycarbonate 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:

- Cast aluminum finial
- Twistlock photocell
- Optional onboard field selectable output switch for dimming

ETL listed, suitable for wet locations.

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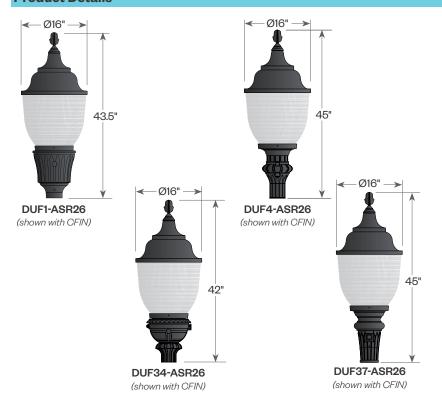
PROJECT: TYPE:

Ordering Information

					3-SY					
	1	2		3	4 5		6	7		
1	Model	2	Diffuse	r Ma	terial - Distribution	3	LEDS	ystem	4	Light Distribution
	DUF1-ASR26 AC-T3 acry DUF4-ASR26 AC-T5 acry DUF34-ASR26 PC-T3* poly			acry	lic type III		AVI-G3-SY Avista light engine with			27 2700K
				lic type V		symmetrical distribution			30 3000K	
				carbonate type III					40 4000K	
	DUF37-ASR26		PC-T5*	poly	lycarbonate type V					
			* Options to be discontinued 12/31/25.							
5	Power Level			6	Finish		7	Accessories		
	P1 30W			BLK satin black			CFIN cast aluminum finial			
	P2 44W P3 60W P4 86W			CLB classic bronze GBZ gloss textured bronze			TW-PCL twistlock photocell			
							3PIN 3-pin twistlock receptacle			
				GRN green			FSO field selectable output (to allow manual dimming, not available for use with the standard 7 pin receptacle)			
	120V-277V auto-sensing driver is standard. Consult factory for 347V/480V option.			GTB gloss textured black						
					TBK textured black TGR gloss textured green CSTM custom			Note: All fitters include a 7-pin twistlock receptacle and an access door with window for the photocell. The photocell		
										ell. 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.

Product Details



Avista Light Engine



Weight: 6.2 - 6.6 lbs*

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



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PROJECT: TYPE:

Performance Data - Engine Only

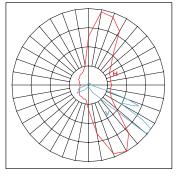
Multiplying Factors: (Multiplying Factor is based on 3000K IES file on website)

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

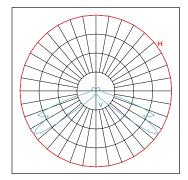
Model	ССТ	Power Level	System Watts	LED Engine Lumens	LED Engine LPW
	27			3651	122.9
	30	P1	30	4034	135.8
	40			4246	143.0
	27			5245	119.2
	30	P2	44	5794	131.7
AVI-G3-SY	40			6099	138.6
AVI-GS-ST	27			7026	116.1
	30	P3	60	7762	128.3
	40			8170	135.0
	27			9411	109.4
	30	P4	86	10394	120.9
	40			10943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

Approximate lumens delivered from raw light engine.

Typical Light Distribution







T5 Diffuser

Spectal Power Distribution

