

D241

LED Luminaire



Features

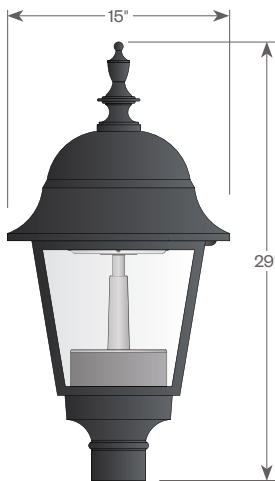
The D241 luminaire is a classically styled cast aluminum four sided lantern with a choice Clear Acrylic (CA), or Textured Acrylic (TA) lenses for standard symmetrical distribution. Powered by the Amerlux patented AVISTA® LED system with options for intensity, distribution and color. Optional controls available.

Product Overview

Wattage:	30W, 44W
Lumen Output :	up to 6,099 lm; up to 138.6 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

Lenses:

- Clear Acrylic (CA)
- Textured Acrylic (TA)

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)

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:

- Dusk-to-dawn Photocell (PCL)
- 7 pin integrated receptacle (in place of finial) (7P)
- Controls Capable Harness (CCH)
- Twist-lock Photocell (TW-PCL)
- Wireless control options

ETL listed, suitable for wet locations.

EPA:

2.03



5 year limited warranty
AMERLUX LED



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PROJECT:

TYPE:

Ordering Information

D241							
1	2	3	4	5	6	7	8
1	2		3		4		4
Model	Diffuser Material - Color		LED System		Light Distribution		
D241	CA clear acrylic TA textured acrylic		AVI-G3-U Avista light engine, multi-fit model		SY symmetrical AS asymmetrical SO street optic		
5	6	7		8			
CCT	Power Level	Finish		Accessories			
27 2700K 30 3000K 40 4000K	P1 (30W) P2 (44W) <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		PCL dusk-to-dawn button type photocell (not available for use with CCH) CCH controls capable harness (not available for use with PCL) TW-PCL twist-lock photocell (this option is installed on the top of the fixture and replaces the finial shown) 7P fixture integrated 7-pin NEMA receptacle (in place of finial, to allow installation of a wireless control node for operation on the SmartSite or other control platform) <i>Consult factory for SmartSite integrated wireless control option (SSINT-1)</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

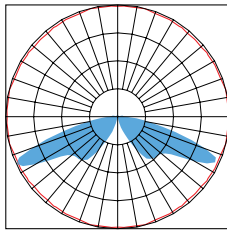
ALL IES files supplied are 3000K. For 2700K use a 0.905 multiplier; For 4000K use a 1.05 multiplier.



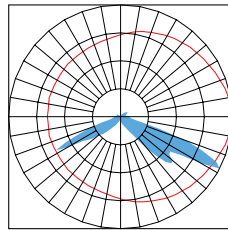
Model	Distribution	CCT	Power Level	System Watts	LED Engine Lumens	LED Engine LPW
AVI-G3-U	SY	27	P1	30	3651	122.9
		30			4034	135.8
		40			4246	143.0
	AS	27			3505	118.0
		30			3872	130.4
		40			4076	137.2
	SO	27			3296	111.0
		30			3579	120.5
		40			3883	130.7
	SY	27	P2	44	5245	119.2
		30			5794	131.7
		40			6099	138.6
	AS	27			5035	114.4
		30			5562	126.4
		40			5855	133.1
	SO	27			4654	105.8
		30			5141	116.8
		40			5412	123.0

Approximate lumens delivered from raw light engine.

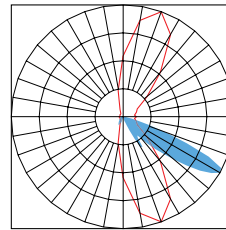
Light Distribution Types



SY Type V



AS Type IV



SO Type III