

D480 Series

LED Luminaire



Features

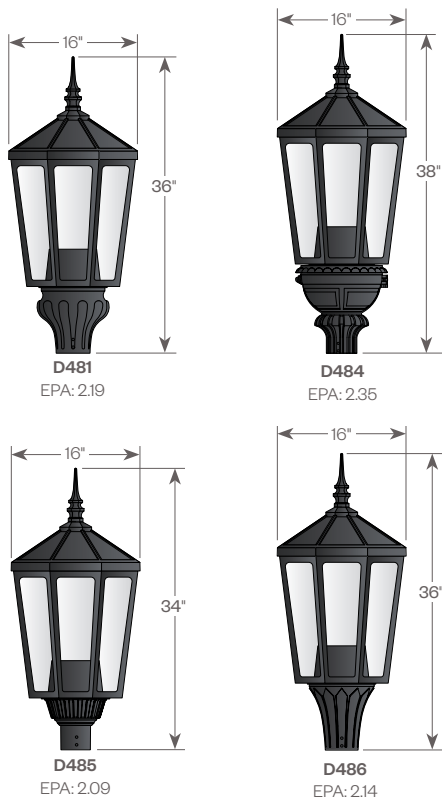
The D480 Series is a large scale traditionally styled eight sided cast aluminum spiked lantern. Powered by the Amerlux patented AVISTA® LED system with options for intensity, distribution and color. Optional controls available.

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) 5/16"-18 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)
- 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:

- Dusk-to-dawn Photocell (PCL)
- Controls Capable Harness (CCH)
- Wireless control options
- Optional onboard field selectable output switch for dimming (FSO)

ETL listed, suitable for wet locations.



5 year limited warranty
AMERLUX LED



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PROJECT:

TYPE:

Ordering Information

1	2	3	4	5	6	7	8
1 Model	2 Diffuser Material - Color	3 LED System	4 Light Distribution				
D481 D484 D485 D486	CA clear acrylic TA textured acrylic	AVI-G3 Avista light engine, standard model	SY symmetrical AS asymmetrical SO street optic				
5 CCT	6 Power Level	7 Finish	8 Accessories				
27 2700K 30 3000K 40 4000K	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	PCL dusk-to-dawn button type photocell (not available for use with CCH) CCH controls capable harness (not available for use with PCL) 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) FSO field selectable output option (to allow manual dimming). FSO is NOT compatible with 7P or CCH options. <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

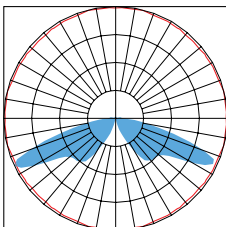


Model	Distribution	CCT	Power Level	System Watts	LED Engine Lumens	LED Engine LPW			
AVI-G3-U	SY	27	P1	30	3651	122.9			
		30			4034	135.8			
		40			4246	143.0			
	AS	27			3505	118.0			
		30			3872	130.4			
		40			4076	137.2			
	SO	27			3296	111.0			
		30			3579	120.5			
		40			3883	130.7			
	SY	P2			27	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				
	SY	P3	27	P3	60			7026	116.1
			30					7762	128.3
			40					8170	135.0
		AS	27					6745	111.5
			30					7451	123.2
			40					7843	129.6
SO		27	6235					103.1	
		30	6887					113.8	
		40	7249					119.8	
SY	P4	27	P4			86	9411	109.4	
		30					10394	120.9	
		40					10943	127.2	
	AS	27					9035	105.1	
		30					9980	116.0	
		40					10505	122.2	
	SO	27					8595	99.9	
		30					9494	110.4	
		40					9994	116.2	

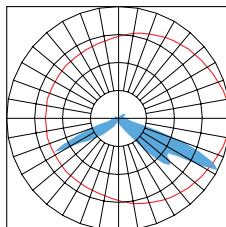
Approximate lumens delivered from raw light engine.

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

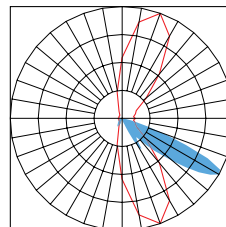
Light Distribution Types



SY Type V



AS Type IV



SO Type III