

# AP24 Series

## Utility LED Luminaire



### Features

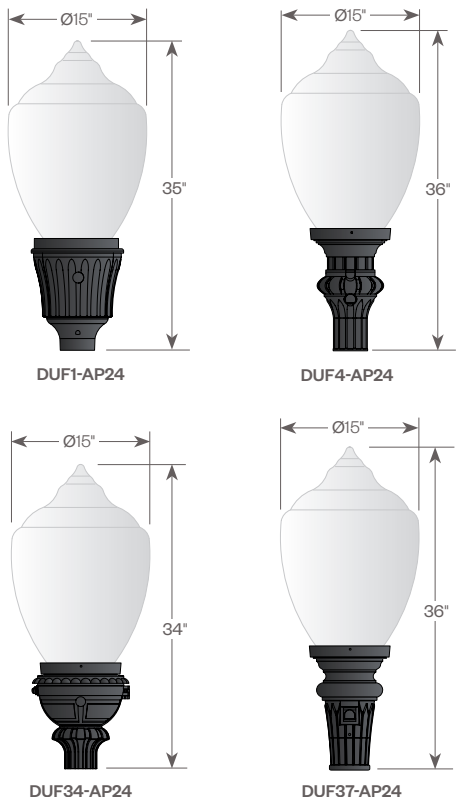
Decorative lighting for residential roadway and commercial property, where independent fixture control is desired. The AP24 Series consists of a decorative acorn combined with one of several styles of cast aluminum fitters. Powered by the Amerlux patented AVISTA® LED system with options for intensity, 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

### 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
- 3 pin twistlock receptacle included (photocell optional)
- Optional 7 pin twistlock receptacle available, consult factory

### Diffuser Choices:

- Clear Textured Polycarbonate (PC-CL)
- White Textured Polycarbonate (PC-WH)
- Clear Textured DR Acrylic (DR-CL)

### 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)

ETL listed, suitable for wet locations.

### Accessories:

- Cast aluminum Finial (CFIN)
- Twistlock Photocell (TW-PCL)



5 year limited warranty  
AMERLUX LED



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## PROJECT:

## TYPE:

### Ordering Information



- |  |   |
|--|---|
| <p><b>1</b> <u>Model</u><br/>DUF1-AP24<br/>DUF4-AP24<br/>DUF34-AP24<br/>DUF37-AP24</p> <p><b>2</b> <u>Diffuser Material-Color</u><br/>PC-CL - Clear Textured Polycarbonate<br/>PC-WH - White Textured Polycarbonate<br/>DR-CL - Clear Textured DR Acrylic</p> <p><b>3</b> <u>LED System</u><br/>AVI-G3 - Avista light engine, standard model</p> <p><b>4</b> <u>Light Distribution</u><br/>SY - Symmetric<br/>AS - Asymmetric<br/>SO - Street Optic</p> <p><b>5</b> <u>CCT</u><br/>27 - 2700K<br/>30 - 3000K<br/>40 - 4000K</p> <p><b>6</b> <u>Power Level</u><br/>P1 - (30W)<br/>P2 - (44W)<br/>P3 - (60W)<br/>P4 - (86W)</p> | <p><b>7</b> <u>Finish</u><br/>BLK - Satin Black<br/>CLB - Classic Bronze<br/>GBZ - Gloss Textured Bronze<br/>GRN - Green<br/>GTB - Gloss Textured Black<br/>TBK - Textured Black<br/>TGR - Gloss Textured Green<br/>CSTM - Custom</p> <p><b>8</b> <u>Accessories</u><br/>CFIN - Cast Aluminum Finial<br/>TW-PCL - Twistlock Photocell<br/>7PIN - 7 Pin Twistlock Receptacle</p> <p><b>Note: All fitters include a 3-pin twistlock receptacle and an access door with window for the photocell. The photocell device is optional</b></p> |
|--|---|

120V-277V auto-sensing driver is standard.  
Consult factory for 347V/480V option.

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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.

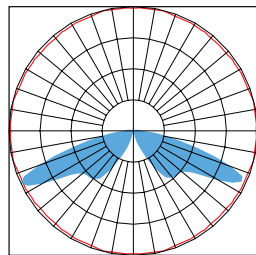


Model	Distribution	CCT	Power Level	System Watts	LED Engine Lumens	LED Engine LPW	Lumens w/DLC Acorn	LPW DLC* Acorn	BUG Rating				
AVI-G3	SY	27	P1	30	3651	122.9	3345	<b>112.6</b>	2-3-2				
		30			4034	135.8	3695	<b>124.4</b>	2-3-2				
		40			4246	143.0	3890	<b>131.0</b>	2-3-2				
	AS	27			3505	118.0	3197	<b>107.6</b>	1-3-2				
		30			3872	130.4	3531	<b>118.9</b>	1-3-2				
		40			4076	137.2	3717	<b>125.2</b>	1-3-2				
	SO	27			3296	111.0	2976	<b>100.2</b>	1-3-1				
		30			3579	120.5	3232	<b>108.8</b>	1-3-1				
		40			3883	130.7	3506	<b>118.0</b>	1-3-1				
	P2	SY			27	44	60	5245	119.2	4805	<b>109.2</b>	2-3-2	
					30			5794	131.7	5308	<b>120.6</b>	2-3-2	
					40			6099	138.6	5587	<b>127.0</b>	2-3-2	
		AS	27	5035	114.4			4592	<b>104.4</b>	2-3-2			
			30	5562	126.4			5073	<b>115.3</b>	2-3-2			
			40	5855	133.1			5340	<b>121.4</b>	2-3-2			
		SO	27	4654	105.8			4203	95.5	1-3-2			
			30	5141	116.8			4642	<b>105.5</b>	1-3-2			
			40	5412	123.0			4887	<b>111.1</b>	1-3-2			
		P3	SY	27	86			106.4	7026	116.1	6437	<b>106.4</b>	2-3-3
				30					7762	128.3	7111	<b>117.5</b>	2-3-3
				40					8170	135.0	7485	<b>123.7</b>	3-3-3
	AS		27	6745		111.5	6152		<b>101.7</b>	2-3-2			
			30	7451		123.2	6795		<b>112.3</b>	2-3-2			
			40	7843		129.6	7153		<b>118.2</b>	2-3-2			
SO	27		6235	103.1		5630	93.1		2-3-3				
	30		6887	113.8		6219	<b>102.8</b>		2-3-3				
	40		7249	119.8		6546	<b>108.2</b>		2-3-3				
P4	SY		27	104.9		111.4	9411		109.4	8622	<b>100.3</b>	2-3-3	
			30				10394		120.9	9524	<b>110.7</b>	2-3-3	
			40				10943		127.2	10025	<b>116.6</b>	3-3-3	
	AS	27	9035		105.1		8240	95.8	2-3-2				
		30	9980		116.0		9102	<b>105.8</b>	2-3-2				
		40	10505		122.2		9581	<b>111.4</b>	2-3-2				
	SO	27	8595		99.9		7761	90.2	2-3-3				
		30	9494		110.4		8573	<b>99.7</b>	2-3-3				
		40	9994		116.2		9024	<b>104.9</b>	2-3-3				

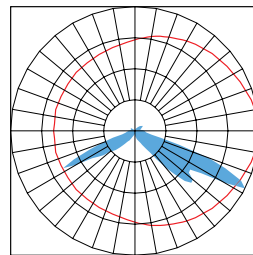


\* Numbers in **BOLD** indicate that the configuration meets DLC standards.

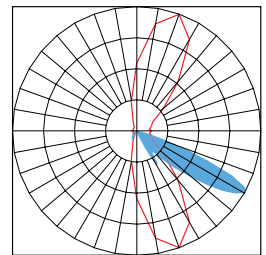
**Light Distribution Types**



SY  
Type V



AS  
Type IV



SO  
Type III