**LED** Luminaire



PROJECT: TYPE:

### **Features**

Lighting for exterior retail, commercial and hospitality environments. The ASR26 Series consists of an efficient Type III (*T3*) or Type V (*T5*) refractive 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

1900K (Nightscape)

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 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
- 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
- 1900K, 52CRI (Nightscape, see pg 4)

### Power Level:

(see performance chart for output)

- 30M
- 44W
- 60W
- •86W

### <u>L70:</u>

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
- Dusk-to-dawn button type photocell
- Controls Capable Harness
- Optional onboard field selectable output switch for dimming
- Wireless control option

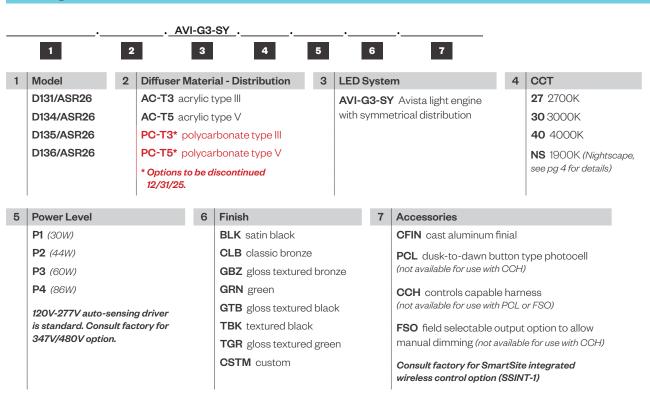
ETL listed, suitable for wet locations.

### **LED** Luminaire



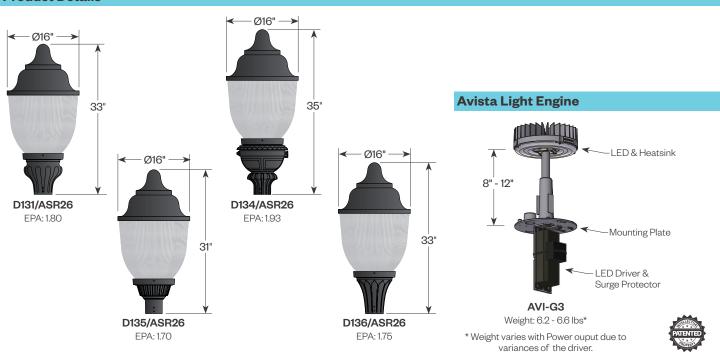
PROJECT: TYPE:

### **Ordering Information**



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

### **Product Details**



### **LED** Luminaire



PROJECT: TYPE:

### **Performance Data**

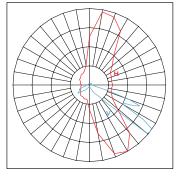
Multiplying Factors: (Multiplying Factor is based on 3000K IES file on website)

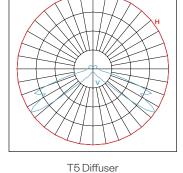
CCT:	1900K (NS)	2700K	3000K	4000K
Factor:	0.85	0.91	1.0	1.05

Model	ССТ	Power Level	System Watts	LED Engine Lumens	LED Engine LPW
	27	P1	30	3651	122.9
	30			4034	135.8
	40			4246	143.0
	NS			3445	116.0
	27	P2	44	5245	119.2
	30			5794	131.7
	40			6099	138.6
AVI-G3-SY	NS			4948	113.0
AVI-03-01	27	P3	60	7026	116.1
	30			7762	128.3
	40			8170	135.0
	NS			6628	110.0
	27	P4	86	9411	109.4
	30			10394	120.9
	40			10943	127.2
	NS			8878	104.0

Approximate lumens delivered from raw light engine.

### **Typical Light Distribution**





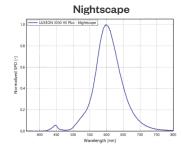
T3 Diffuser

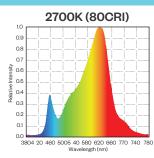
**LED** Luminaire

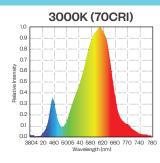


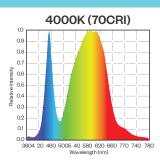
PROJECT: TYPE:

### **Spectral Power Distribution**



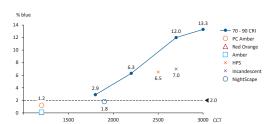






### Nightscape (NS) Technology

- Unique spectral distribution that delivers highest flux while emitting <2% light of blue.
- The Nightscape (low blue) Avista is powered by Luxeon 3030 HE Plus which delivers high efficacy and superior life span.





Blue radiation (microWatt, 400-500nm) per lumen

