

# streetleaf®

## AVE classic

CE IP66 | IK08

The classic style **Streetleaf** AVE is the next generation of solar technology with an extended battery for reliable performance, even during storms. It is programmable to conserve power during low-traffic hours and motion-activated to restore full brightness when needed.

Featuring a bell-shaped fixture, these lights combine elegance and resilience with a traditional candle glow, crosier arched arm, and glare blocking louvers.

### PV Module Physical Parameters

Power of PV Module (watts)	150 W
Battery Capacity (watt/hours)	820 Wh
Net Weight of Product	58.42 lbs
Dimensions of Product Panel (inches)	45.16 in L 28.39 in W 13.27 in H
Light Photosensitivity (lux)	60-90 lx

### Environmental Requirements

Charge Temperature	32 to 124° F
Discharge Temperature	68 to 140° F
Storage Temperature (<3 months)	68 to 113° F

### Mounting

EPA (Effective Projected Area)	4.52 ft²
APA (Actual Projected Area)	3.77 ft²
Wind Load Rate	150 mph

### LED Module Parameters

Light Output (watts)	30 W
Qty. of LED Chips and Type	40 Lumileds Luxeon 5050s
Typical Luminous Flux (lumens)	5400 lm
Optional Light Distribution	TSH/ T2L
Color Temperature (kelvin)	3000 K
Motion Sensor	DISS
Dimension of Product Light	25.6 in L 7.1 in W 3.8 in H
Input Voltage (volts)	22 VDC
Net Weight of Product	8.8 lbs

### Wind Load & Recommendations

EPA (Effective Projected Area)	0.57 ft²
APA (Actual Projected Area)	0.47 ft²
Recommended Installation Height	16-26 ft
Recommended Installation Distance	100-180 ft

### APPLICATIONS

- Local Roads
- Single-Lane Roads
- Amenity Lighting
- Parks



\*The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

\*The torque setting for any bolts or screws used to secure the luminaire to the bracket is 14 N/m.

\*For outdoor use only!

REV06032025



HIGH  
EFFICIENCY  
CONTROLLER



LiFePO4  
BATTERY



LED  
EFFICIENT  
LED



IP66



WIRELESS