

streetleaf®

AVE modern

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.



HIGH
EFFICIENCY
CONTROLLER



LiFePO4
BATTERY



HIGH QUALITY
LED



INFRARED
MOTION
SENSOR



IP66



WIRELESS



Certified by DarkSky.org

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 (lx)	60-90

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 Range	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
Color Temperature (kelvin)	3000 K
Motion Sensor	PIR as part of a Dynamic Intelligent Sensing System
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 & Mounting 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



Optional shielding accessory available by request.

*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!