



HIGH
EFFICIENCY
CONTROLLER



LiFePO4
BATTERY



HIGH
QUALITY
LED



PIR MOTION
SENSOR



IP66

streetleaf®

Streetleaf AVE modern is a fully off-grid solar streetlight engineered for reliable performance with programmable dimming, motion activation and extended battery capacity.

APPLICATIONS



- Applications
- Parks
- Parking Lots
- Paths
- Plazas
- Trails
- Walkways

LED LIGHTHEAD

Light Output	30 W
Qty. of LED Chips & Type	40 Lumileds Luxeon 5050s
Typical Luminous Flux	5400 lm
Color Temperature	3000 K
Motion Sensor	PIR
Dimensions of Lighthead	L 25.6 in
	W 7.1 in
	H 3.8 in
Input Voltage	22 VDC
Net Weight of Light Arm	7.1 lbs
Light Distribution	Type II

Optional shielding accessory available by request.



For outdoor
use only

AVE modern Spec Sheet



RELIABLE LIGHTS. RENEWABLE POWER

BATTERY

Battery Capacity	820 Wh
Battery Chemistry	LiFePO4
Battery Autonomy	5 days

SOLAR PANEL

Power of PV Module	150 W
Net Weight of Panel	59.03 lbs
Dimensions of Solar Panel	L 45.16 in
	W 28.39 in
	H 13.27 in

ENVIRONMENTAL REQUIREMENTS

Charge Temp. (day)	32°F (0°C) to 131°F (55°C)
Discharge Temp. (night)	-4°F (-20°C) to 140°F (60°C)
Storage Temp.	59°F (15°C) to 95°F (35°C)

MOUNTING

Effective Projected Area (EPA)	4.52 ft²
Actual Projected Area (APA)	3.77 ft²

WIND LOAD & MOUNTING RECOMMENDATIONS

Effective Projected Area (EPA)	0.57 ft²
Actual Projected Area (APA)	0.47 ft²
Wind Load	160 mph
Installation Height	15 to 26 ft
Installation Distance	100 to 180 ft
Mounting Type	Direct Burial or Surface Mount

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streetleaf®

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GEORGIA

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TEXAS

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