

HIGH
EFFICIENCY
CONTROLLERLiFePO4
BATTERYLED
HIGH
QUALITY
LED

IP66

streetleaf®

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

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
Dimensions of Lighthead	L 25.6 in W 7.1 in H 3.8 in
Input Voltage	22 VDC
Net Weight of Light Fixture	8.8 lbs
Light Distribution	Type II

For outdoor
use only

AVE classic

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	58.42 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. (< 3 months)	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 Range	160 mph
Installation Height	15 to 26 ft
Installation Distance	100 to 180 ft
Mounting Type	Direct Burial or Surface Mount

Rev08212026

streetleaf®

813.800.LEAF (5323)
www.streetleaf.com

FLORIDA

2502 N. Rocky Point Dr.
Ste 1070,
Tampa, FL 33607

GEORGIA

800 Battery Ave SE
Ste 300,
Atlanta, GA 30339

TEXAS

201 West Street
16th Floor,
Austin, TX 78701