



HIGH
EFFICIENCY
CONTROLLER



LiFePO4
BATTERY



HIGH
QUALITY
LED



PIR MOTION
SENSOR



IP66

streetleaf®

Streetleaf BLVD Modern is a fully off-grid solar streetlight engineered for greater light output and reliable performance with programmable dimming, motion activation and extended battery capacity.

APPLICATIONS

- Collector Roads
- Parking Areas
- Parks
- Two-Lane Roads



LED LIGHthead

Light Output	40 W
Qty. of LED Chips & Type	80 Lumileds Luxeon 5050s
Typical Luminous Flux	7200 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 Fixture	11.02 lbs
Light Distribution	Type II

Optional shielding accessory
available by request.



For outdoor
use only

BLVD modern Spec Sheet



RELIABLE LIGHTS. RENEWABLE POWER

BATTERY

Battery Capacity	1230 Wh
Battery Chemistry	LiFePO4
Battery Autonomy	5 days

SOLAR PANEL

Power of PV Module	220 W
Net Weight of Panel	70.54 lbs
Dimensions of Solar Panel	L 45 in W 42 in H 13 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)	6.76 ft ²
Actual Projected Area (APA)	5.64 ft ²

WIND LOAD & MOUNTING RECOMMENDATIONS

Effective Projected Area (EPA)	0.70 ft ²
Actual Projected Area (APA)	0.58 ft ²
Wind Load Range	160 mph
Installation Height	23 to 32 ft
Installation Distance	150 to 230 ft
Mounting Type	Direct Burial or Surface Mount

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streetleaf®

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FLORIDA

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GEORGIA

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TEXAS

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