

# LED Solar Streetlights



Model No : AV-SSL-8W  
 Model No : AV-SSL-12W  
 Model No : AV-SSL-18W

Available with Wide Angle  
 Secondary Optics for Streets

## Product Description

- Aluminum Die Cast Enclosure
- IP - 65 Protection, Powder coated luminaries
- High Efficiency Built-in Driver
- Microprocessor based Charge Controller with Dawn to Dusk
- High efficiency IEC certified Poly crystalline PV panels
- Corrosion Resistant Coating/painting on poles and structure.
- Low Maintenance batteries
- LED Life > 30,000 hours
- Ideal for housing societies, institutions, parks, pathways, security lights
- Areas with no access to electricity

## Product Specification

Model No	AV-SSL-8W	AV-SSL-12W	AV-SSL-18W
Operating Voltage	150-300 V AC 50/60 Hz		
Output Power	8 W, 8 x 1 W LEDs	12 W, 12 x 1 W LEDs	18 W, 18 x 1 W LED
Luminous Efficacy	100 Lumen/Watts typical		
Approx Colour Temp	Cool White 6300 K / Warm White 3000 K		
PF & Efficiency ( $\eta$ )	PF > 0.85, $\eta$ > 85%		
Suggested Mounting	3.5 m height, 10 m c/c	4.5 m height, 12 m c/c	5 m height, 15 m c/c
PV Panel / Battery	25 Wp/ 12 V 26 Ah SMF	37 Wp/ 12 V 42 Ah SMF	70 Wp/ 12 V 65 Ah SMF
Autonomy/No Sun	2 days Autonomy/No Sun operations		
Protection	Isolated, Short circuit protection		
Typical Payback	2-3 years, depending on tariff		



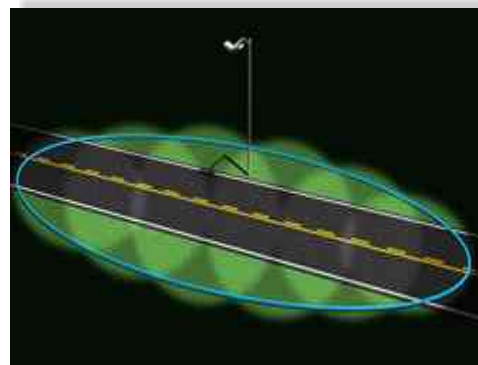
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## Product Applications

- Side Road Street Lights
- Internal Roads
- Security Perimeter Lights
- Parking Area Lights
- Yard Area Lighting
- Gardens, parks

LUX PATTERN



Wide angle optics distribution

Outdoor Luminaries - Streetlights