

### SOLAR LED STREET LIGHT – 20W

This rugged and long lasting solar streetlight pack offers smart operation and high performance LED luminaires with limited maintenance requirements and easy “plug and light” installation.

#### FEATURES

- Rugged and long lasting battery
- Smart Operation, programmed and safe
- High performance LED Lighting
- Service life up to 100,000hrs
- Limited maintenance

#### APPLICATIONS

Perfect for soft traffic areas such as:

- Pedestrian paths
- Bike paths
- Small parking lots
- Bus shelters

#### TECHNICAL SPECIFICATIONS

Solar Panel Power	Minimum 60 Wp (360° adjustable)
Battery Technology	Endurance +, Lithium Iron phosphate
Location	In a box in Aluminium foundry, behind the solar panel
Battery Capacity	214 to 436 Wh
Operating Temperature	-20°C to +65°C
Light Height	3.5m to 6m
Power Consumption	5 to 20 W
Luminous Flux Leaving	700 to 3600 lumens
Light Efficiency	140 lm/W (2200 K) 160 lm/W (2700 K) 165 lm/W (3000 K) 180 lm/W (4000 K)
Colour Temperature	2200 K, 2700 K, 3000 K, 4000 K
Mast	Solar module and luminaire to be mounted on cylindrical-conical pole in top 60 or 76mm
Warranty	Luminaire: 100,000 hours at 80% of initial flux Solar Panel: 25 years at 80% of initial production Electronic Card: 20 years Battery: >20 years (France, DROM) / > 10 years (Africa, Middle East)



## COMPONENTS



1. Solar Panel - High Performance, Self-Cleaning
2. Technical Equipment - Endurance+ Battery and Regulator in Cast Aluminium Box
3. Galvanised Steel Box for Technical Equipment
4. Mechanical Support for Box
5. LED Luminaire
6. Powder-Coated Galvanised Steel Pole