

LEDSOLAR-COMBITOP1 • LEDSOLARCOMBI1

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.

Available with or without 5m pole.

FEATURES

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

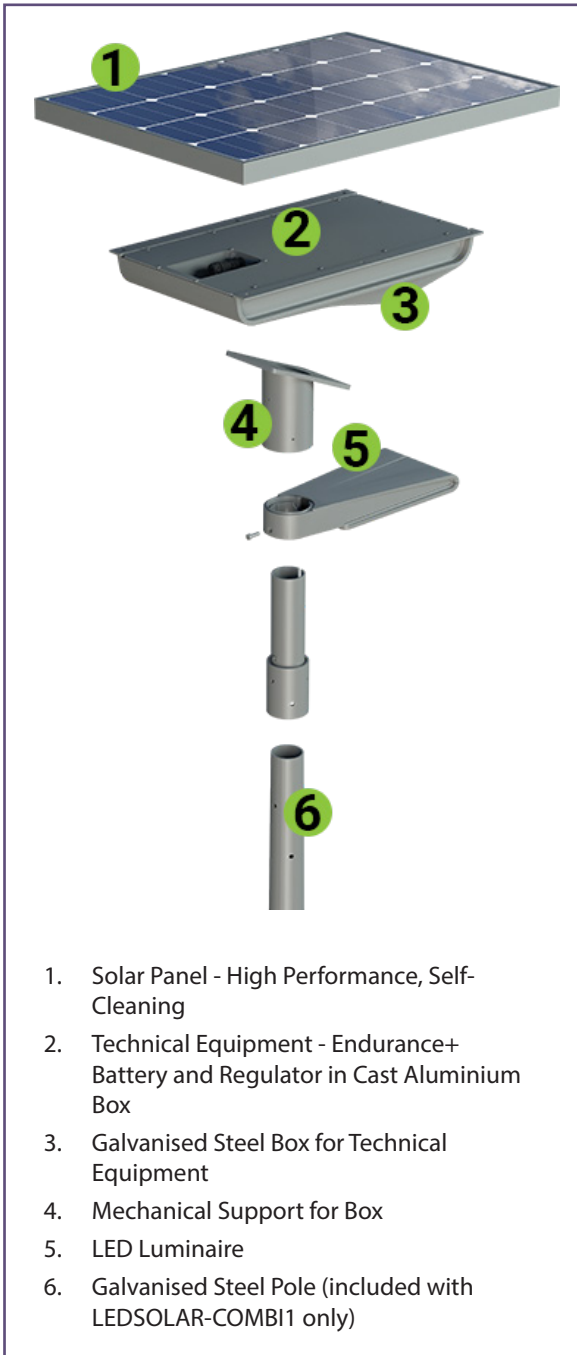


TECHNICAL SPECIFICATIONS

SOLAR PANEL	
Power / Area	Minimum 60 Wp (360° adjustable)
Design Lifetime	>25 years
BATTERY	
Technology	Endurance +, Lithium Iron phosphate
Capacity	214Wh to 436Wh
Design	Aluminium casing, IP66, fast connectors, located under solar panel
Design Lifetime	>10 years
LUMINAIRE	
Model	GRIFF S, 16 LED
Mechanical Data	Cast Aluminium - Plate tempered glass Protection - IP66, IK08
Mounting Height	3.5m to 6m
Power Consumption	20W
Luminous Flux Leaving	3,600lm Max
Light Efficiency	Up to 180lm/W
Colour Temperature	4000 K // CRI > 70
Design Lifetime	>100,000 hours at 80% of initial flux
LIGHT CONTROL	
Electrical	20W // - 20°C to 80°C / Efficiency 95% Expected lifetime of 20 years
Functions & Lighting Management	Switch/off and/or dimming during the night Information storage Calculation of the battery charge level
Protection	Deep discharge, Overload, Temperature, Short circuit
Warranty	5 years

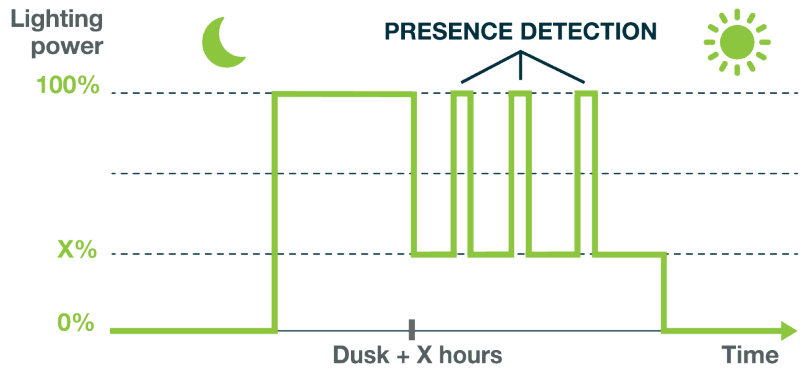


COMPONENTS



PROGRAMMING

Depending on the application, we will adapt the lighting scenario to provide fair and reasonable lighting. Example :



OPERATING HOURS

Lighting power according to the operating time per night (2 hours, 3 hours or 5 hours at 100%) and standby mode at 5% to 10% during the rest of the night

Number of LED and Lighting Power	1x8 LED ≤ 8.5 W			2x8 LED > 8.5 W		
Capacity of Lithium Battery	214 Wh			436 Wh		
Autonomy*	2 hours	3 hours	5 hours	2 hours	3 hours	5 hours
> 3 nights	19.5 W	17 W	10 W	27.5 W	19.5 W	15.5 W

* Number of nights of operating autonomy without solar gain.