

LEDSOLAR-ST20-COMBI • LEDSOLAR-ST20COMBI-KIT

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.

LEDSOLAR-ST20-COMBI = Pole not included

LEDSOLAR-ST20COMBI-KIT = With 5m pole & Hold-down Assembly

FEATURES








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



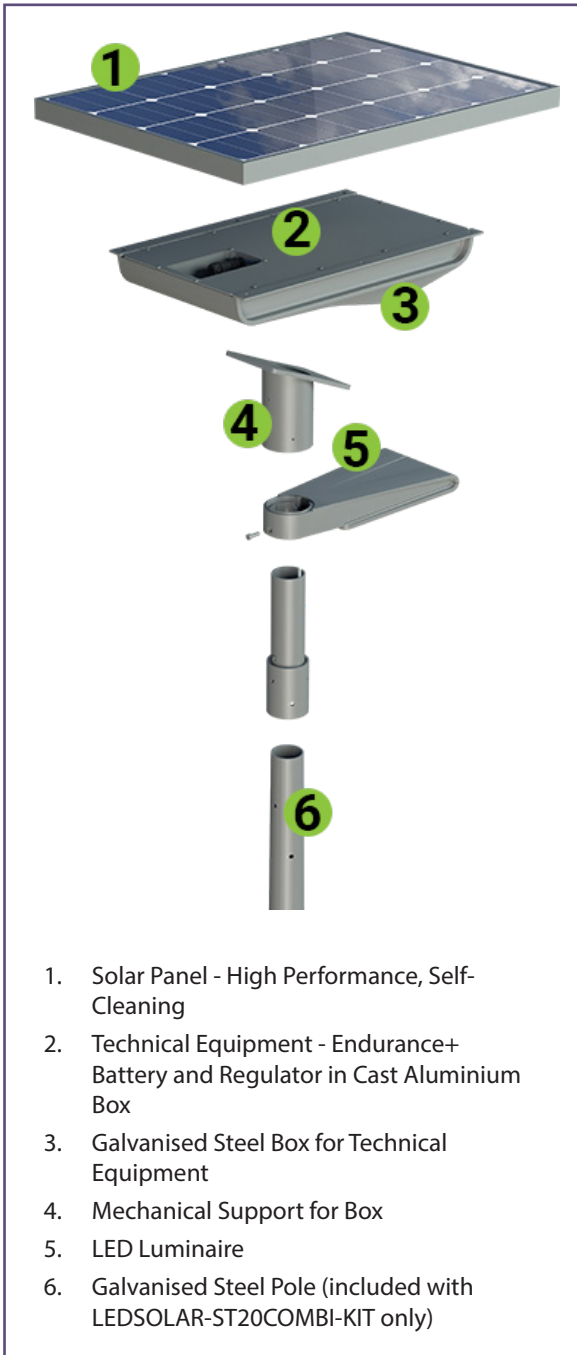
TECHNICAL SPECIFICATIONS

SOLAR PANEL	
Power / Area	Minimum 60 Wp (360° adjustable)
Design Lifetime	>25 years
BATTERY	
Technology	Endurance +, Lithium Iron phosphate
Capacity	214Wh
Design	Aluminium casing, IP66, fast connectors, located under solar panel
Design Lifetime	>10 years
LUMINAIRE	
Model	GRIFF S, 16 LED, TYPE III OPTIC
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



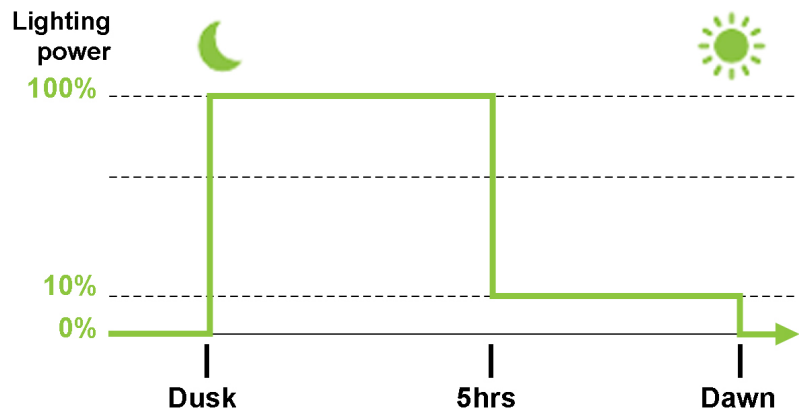
-  **RUGGED AND LONG-LASTING BATTERY**
Service life > 10 years
-  **SMART OPERATING**
Programmed and safe
-  **HIGH PERFORMANCE LED LIGHTING**
> 180 lm/W
Service life > 100 000 hours
-  **LIMITED MAINTENANCE**
-  **PLUG AND LIGHT**
Easy to install
-  **WARRANTY 5 YEARS**
-  **MADE IN FRANCE**
By sustainable companies
Novéa (2007), Ragni (1927).

COMPONENTS



PROGRAMMING

Programmed to turn on at dusk and give constant 100% light output for 5hrs. Light will then dim to 10% (during the quiet hours) until dawn.



OPERATING HOURS

Lighting power according to the operating time per night 5 hours at 100% and standby mode at 10% during the rest of the night

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

* Number of nights of operating autonomy without solar gain.