

SOLAR LED STREET LIGHT KIT – 20W

This French-made LED 20W street light kit delivers exceptional performance. The kitset is complete with all required components and is designed to work for 3 autonomous days, with the LED streetlight working on a pre-programmed schedule to ensure maximum efficiency and optimise the operating hours. The design also incorporates excellent optical design and light distribution.

The Lithium Iron Phosphate battery is placed under the Solar panel making it easy to assemble.

- Solar panel 100Wp
- Solar panel orientable horizontally 360°
- IP66 battery pack

TECHNICAL SPECIFICATIONS

SOLAR PANEL	
Power / Area	120 Wp / 0.64 m ²
Design Lifetime	> 25 years
BATTERY	
Technology	Endurance +, Lithium Iron phosphate
Capacity	532 Wh
Design	Aluminium casing, IP66, fast connectors, located under solar panel
Design Lifetime	> 10 years
LUMINAIRE	
Template	GRIFF S, 16 LED
Mechanical data	Cast aluminium - Plate tempered glass protection -IP66 - IK08
Pole height	5.0m
Power consumption	20W
Luminous flux leaving	3600lm
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	70W/-20°C +80°C / Efficiency 95% Expected lifetime of 20 years
Functions and 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
POLE & BRACKET	
Mast material	Cylindro-conical powder-coated galvanized steel
EN40 compliant	Wind zone 36m/s (solar panel inclined at 15°)
Fixing centre distance	200x200 mm for 4.0m and 5.0m of light height



BATTERY ENDURANCE+ 704WH

Casing In Aluminium cast, IP66
Electronic controller
Lithium Iron Phosphate cells
704Wh

LUMINAIRE GRIFF S 16LED 4000°K

Aluminium cast IP66-IK08
Flat tempered glass protection
Powder coating included
Side press-fitting

TYPE II OPTICS

APPLICATIONS

Suitable for P-cat applications, including parks, pathways, and subdivisions.



Easy assembly
Compact, Quick Connectors



Perfectly secure
Anti-theft screws



Rugged & long-lasting
Aluminum, long service life, IP66



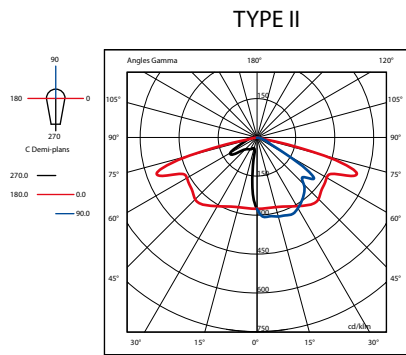
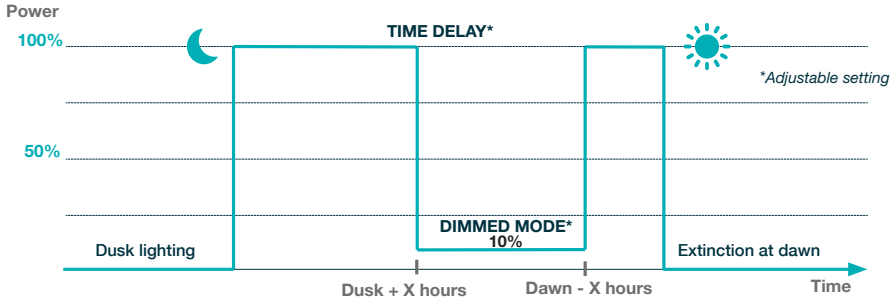
Made in France



5 years warranty

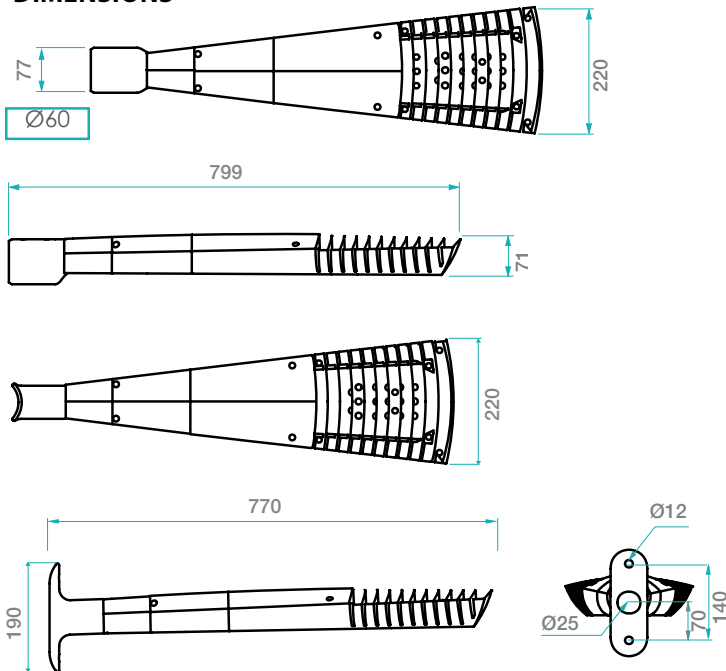


PRE-PROGRAMMED SETTINGS



Designed for road lighting. The Type II lens is optimised for main and secondary roads (boulevards, streets, and avenues) when the width is normal to large with adjacent roads (sidewalk, cycle path...).

DIMENSIONS



78 Cryers Road
 East Tamaki
 Auckland.
 NEW ZEALAND
phone: 64 9 272 5619