

Solar Series Roadway Light



The Solar Series Roadway Light provides efficient solar LED lighting for a variety of general illumination applications, without the need for trenching or utility connection. The Solar Series Roadway Light is an ideal solution for roadway solutions delivering superior brightness, reliable operation and exceptional return on investment.

The Solar Series Roadway Light is a reliable, robust and powerful stand-alone solar lighting solution, particularly suitable for road and parking lighting. This innovative product offers a very simple and fast installation with unequalled performance, and connected services for control & monitoring.

SPECIFICATIONS

COMPLIANCE

Certificates	EN 13032-1; EN 13032-2; EN 13201; EN 60598-1; EN 62471 IEC 61215; IEC 61730 I and II (Solar Panel) CE; EN61000; EN61547; EN55015; EN62493; EN 62479 EN300328; EN 301489-1 (Electronics)
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OPTICAL

Configuration	Autonomous Solar Powered LED Parking Lot Light
Complete System	Solar Panel, MPPT charge controller, Energy Control Module, LED floodlight, deep cycle battery bank, Aluminum Enclosures, mounting accessories
LED Intensity Optics	High lumen LEDs rated at a minimum of 50,000 hours at 80%
LED Colour	White (Temperature options: 5,700 K, 3,000 K and 4,000 K)
Nominal Power	20W Up to 50W* (autonomy will depend on lighting power)

MECHANICAL

General Dimensions	1684mm x 753mm x 300 mm
Mounting	Top on a pole, Ø76 mm
Weight	42 kg (92 lbs) without pole
Dimensions per Light Housing Assembly	812mm(l) x 762mm(w) (32 x 30 inches) by 2 units
Enclosure and Mount	BS PMMA casing (100% recycled) and aluminum
Enclosure and Mount Colours	White (RAL 9010) and Black (RAL 8019)

ELECTRICAL

Power Input	NiMH battery, maintenance free, very high temperature resistance 24V (480 Wh)
Solar Panel	Monocrystalline silicon 160 Wp with Circuit Protection Integrated
Solar Panel Dimensions	787 x 355mm (31 x 14 inches) by 2 units
Connectivity	Bluetooth (Optional Remote Monitoring)

ENVIRONMENTAL

Operating Temperature	-40° to +70°C (-40°F to +158°F)
Weather Protection	IP65

WARRANTY & LIFE EXPECTANCY

Warranty	10 year
LED Life Expectancy	50 000 hours (12years)