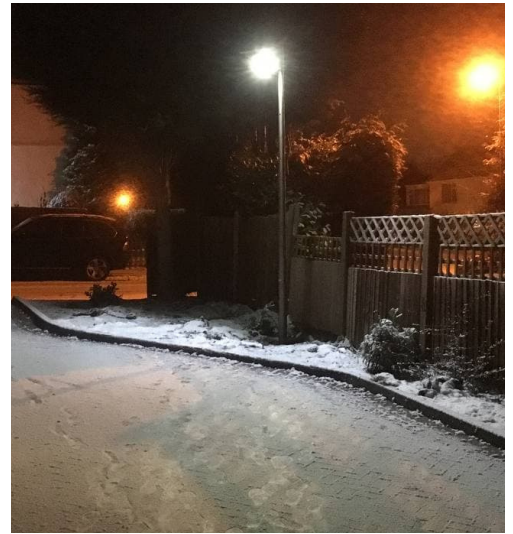
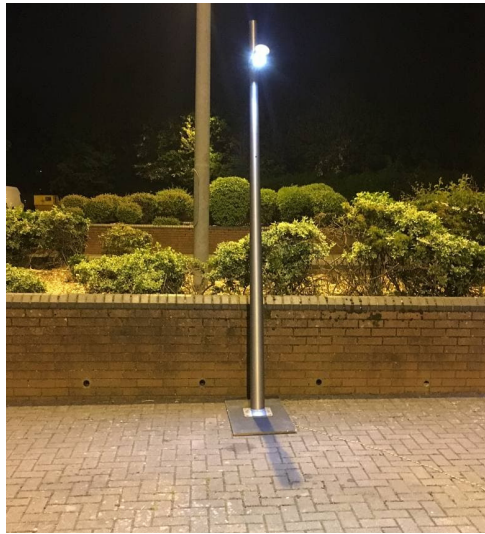


SOLAR LED PARK LIGHT



Application

Parks, pedestrian walkways, areas surrounding office buildings, and where on grid power provision is not possible or cost effective.

Solar solution utilising lithium-ion battery technology enables the effective use of the light 365 days a year. Monitored and controlled remotely where required.

Technical data

Mounting: On pole with outriggers to provide orientation adjustment for optimised solar collection and light distribution.

Body: 3mm aluminium extrusion.

Colour: Available in RAL colour pallet, standard colour RAL 7016.

Diffuser: Polycarbonate with light focusing lenses.

Wind exposure: 0.041 m² lateral wind exposure.

Electrical data

Power source: 50W photovoltaic mono crystalline solar panel.

Power used: Maximum power usage, 6w at full brightness.

Efficiency: Power supply efficacy greater than 95%.

intecso

Unit 9, Simwood Court, Beacon Business Park,
Stafford, ST18 0DG, Staffordshire, UK

sales@intecso.co.uk

SOLAR LED PARK LIGHT



Connectivity

Options: Bluetooth, ISM,

Optical data

Lighting method: direct lighting.

Type of optic: Cree.

Expected useful lifetime: 60 000 h.

General data

Warranty: 2 years return to manufacturers warranty (extended warranty available).

Operating temperature range: -20°C to +45°C

Lighting management

Remote control: Remotely manage and control your estate of lights from anywhere in the world, with secure internet connectivity.

Precise timing and intensity controls: Precise timing of lighting up and shutting down in accordance with the solar cycle, can save up to 10% of energy and can positively affect the lifetime of the lamp.

Running the system at a lower luminance output or turning off unneeded lights after a certain time can have additional benefits reducing light pollution when not needed. The system is fully configurable to meet your needs.

Fast Failure Detection: SMS or E-mail alert on detection of a failure in voltage or lamp functionality direct to owner or maintainer, providing a fast diagnosis and repair time.

Analytical information: Accurate electrical consumption reports and data tables graphed to show the efficacy of the solar solution provide peace of mind that the system is working to an optimum performance and can provide valuable information allowing planned maintenance to increase the life expectancy far beyond the initial 60,000h.



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