

GLOBAL[®]

LIGHT

OG² Lighting Ltd - UK Manufacturer - Solar Street Lighting

The latest generation of design, control technology and aesthetics
in one product range

A Unique Solar Light For Road Car Park and Amenity Lighting

'Global Light' is an inspirational product moving the concept of fully independent off-grid exterior lighting up to date.

'Global Light' can be installed anywhere a standard street light would be sited. It's angled circular solar panel and integral gallery lighting unit completes an unobtrusive design that fits in well in a street location, a public space or corporate HQ.

The 'Global Light' is a registered design.

Spec

Solar panel	60Watts Monocrystalline PERC Cells 22.5% Efficiency
LED Output	Adjustable from 3-36Watts (4415lm)
Optics	Full range of photometry for Road, Area and Car Parks
Presence detection	Custom multi PIR Array
Column	4.0m, 5.0m or 6.0m Aluminium or Steel Single or Double Door to suit location
Control	Custom designed programmable control
Battery	Extra Long Life - Unique Pb Crystal Technology 14Ahr / 28Ahr

Stand-alone, viable amenity and street lighting, even for areas
with limited winter sun.



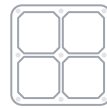
A different approach to solar street lighting

- Unique controller In-house designed, low loss dual processor technology to maximise the energy generation
- Sleek design combines all controller elements in to a single highly efficient unit
- Fully programmable on-site allowing the installation to precisely match its environment
- Customised presence detection sensors
- Optical system is built into the column structure emitting light from a 360° window at the top of the column
- Can be sited for roadway, pathway or area lighting installations
- Available in any RAL colour

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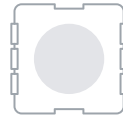
SOLAR PANELS

Maximum conversion efficiency is achieved with a custom manufactured panel with mono crystalline cells. It also has the added benefit of hydrophobic coating on the outer surface which reduces cleaning cycles.



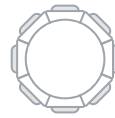
GALLERY

'Global Light' comes with two design options for the gallery for you to choose from. Either option orientates the solar panel to suit the prevailing sun direction.



LED LIGHT SOURCE

Using the latest LED chip technology coupled to industry standard street and area lighting optics, gives the lighting designer a wide range of photometry for pathway, street and area lighting schemes.



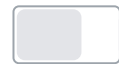
PROXIMITY SENSOR ARRAY

A custom designed multi-PIR array configured to detect up to 18 metres, with options for different detection patterns to suit specific locations available, such as alleyways and car parks.



LIGHTING COLUMN

An aluminium or steel column designed to be operational in a wide range of geographical locations. It is available with single or double doors for added security. Hinged column approved for Network Rail use available



BATTERY

Made with the next generation of Pb technology
Designed for operation from -10C to +40C,

This new Pb Crystal Technology operates efficiently from -15C to +40C

With a similar life cycle expectancy to Lithium the Pb Crystal has the environmental advantage of being easily recycled.



POWER MANAGEMENT Unique In-House design.

The controller is the latest configuration of battery management and LED driver technology, programmable to suit the specific location. The customer can configure a wide range of features from the Lighting Regime, Battery Monitoring, Lighting Level, and PIR Control. This highly advanced controller, monitors the energy harvested daily, and balances this against the battery power and demand for lighting to ensure the lighting is maintained during periods of low sun or high demand.

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