



solareye

ECO-FRIENDLY GROUND LIGHTING

Solar powered ground lights that gently illuminate and outline cycle paths and pedestrian walkways.

REDUCED INSTALLATION AND OPERATIONAL COSTS

Off-grid solar lighting offers an economic and practical solution to areas that do not have a mains electricity supply.

WAYFINDING LIGHT

Solareye80 fits just 6mm above the pathway surface, providing demarcation of boundaries and outlining routes at night time, contributing to a sense of safety and security.

TESTED AND RELIABLE

Designed and real-time tested in UK weather conditions with ongoing rigorous quality control.

EXTREMELY TOUGH

Almost 100% vandal proof. Constructed from industrial grade polycarbonate and compression tested to 55 tonnes.



LFP BATTERY

Long life LFP batteries give 8+ years life.

VISIBILITY

360° signal with visibility in excess of 500m.

ACCREDITATIONS

IP68 rated for water and dust ingress.
IK10 rated for impact resistance.
CE marked.

CONSERVATION FRIENDLY

Solutions that reduce upward light spill and the potential impact on natural habitats and protected species, such as bats.

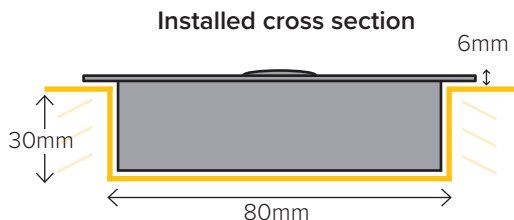
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INSTALLATION GUIDANCE

- Choose our installation package or we are happy to advise on best practice.
- Minimal equipment is required, available to purchase from us.
- An experienced two person team can install up to 20 units per hour.
- Typically, the path can remain open whilst installation takes place.



INSTALLATION STEPS (asphalt path)

- 1. Pre-mark and clean:** Mark out the desired location for each light.
- 2. Cut hole:** Use an 80mm rotary hammer cutter to dry cut the hole to the required 30mm depth and remove the dust with a blower.
- 3. Apply adhesive and insert Solareye80:** at 25°C the adhesive will take 30 minutes to cure, meaning minimal disruption.

Contact us for specific advice on spacing and layout, as well as installation methods for different surface constructions.

PRODUCT RANGE

- **LED signal** Steady or slow flash
- **Standard products** White steady, red steady, white Bat Hat and red Bat Hat
- **Special colours to order** Warm white (2,700k), yellow, green and blue
- **Supplied in a box of 20** Weight 5.5kg

PRODUCT AND TECHNICAL CHARACTERISTICS

- **Material** Industrial grade polycarbonate
- **Light source** LED (100,000 hrs life)
- **Battery** Long life LFP battery (8 years+ anticipated)
- **Working temperature** -20°C to +70°C
- **Body dimensions** 100mm (lip) and 80mm body
- **Installed height** 6mm nominal
- **Milling depth** 30mm
- **Weight** 275g
- **Fixing adhesive** two component moisture tolerant epoxy
- **Working time after full charge** Flashing red 300hrs+, white steady 200hrs+
- **Flash rate** 1 sec on, 1 sec off
- **Waterproof rating** 1P68
- **Impact rating** IK10
- **CE accredited**
- **High visibility** up to 500m
- **Auto** on/off light sensor