



**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**

**SUNVIA** 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.

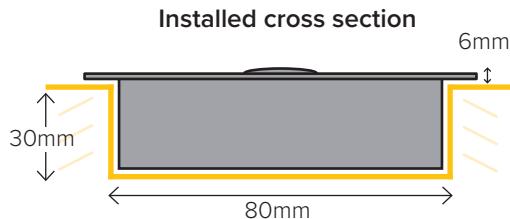
#### **CONSERVATION FRIENDLY**

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



## 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

**SUNVIA:** 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** IP68
- **Impact rating** IK10
- **CE accredited**
- **High visibility** up to 500m
- **Auto** on/off light sensor