

## Solareye Bollard Light

Motion sensitive solar powered illuminated bollard



Guide people safely around your outside spaces whilst creating a welcoming and aesthetically pleasing environment, without the need for expensive mains power connections.

Unlike many solar lighting products, Solareye Bollard Light is designed and built in Britain for UK weather conditions. Customisable light levels and an inbuilt motion sensor give you flexibility and the large capacity battery means it will illuminate throughout the night, even following the shortest day of the year.

Made in Britain and constructed to reach the highest vandal resistant rating, Solareye Bollard Light is almost impossible to break. It's also certified IP68 waterproof making it ideal for flood prone areas.

### FLEXIBLE FEATURES

Choose from either 180° or 360° illumination and specify whether or not your bollard(s) idle at a reduced light level and increase to full illumination when the inbuilt motion sensor detects a path user approaching.

### SOLAR PANEL

Solareye Bollard Light features an encapsulated 5V 5W high efficiency monocrystalline solar panel with a grade 'A' solar cell.

### PHOTO SENSOR

The built in photo sensor automatically switches the light on at dusk and off at dawn, meaning that the bollard is only illuminated when it's required and no energy is wasted.

### LIGHTING

A total of 16 LEDs are mounted to PC boards and directly attached to the upper housing for best thermal management.

### LUMINAIRE HOUSING

The high-housing and dome are moulded with high performance polycarbonate and guaranteed for 12 years against UV damage (yellowing). The material and design make the luminaire almost indestructible and have been awarded the highest impact rating certification of IK10.

# PRODUCT AND TECHNICAL SPECIFICATION

- **Wattage:** 5W at full illumination
- **Battery:** 3.2V 20Ah LiFePO4 lithium
- **Power source:** solar powered
- **Solar panel:** 5V 5W
- **Charging time:** 6 hours per day
- **Light source:** LED (100,000 hours life)
- **Correlated colour temperature:** 3500K
- **Motion sensor:** yes
- **Auto:** on/off light sensor
- **Material:** polycarbonate & aluminium
- **Working temperature:** -20°C to +65°C
- **Waterproof rating:** IP68
- **Impact rating:** IK10
- **CE accreditation:** yes
- **Warranty:** 5 year warranty on material and workmanship
- **Luminaire diameter:** 260mm
- **Installed height:** 800mm
- **Weight (excluding post):** 2.35kg

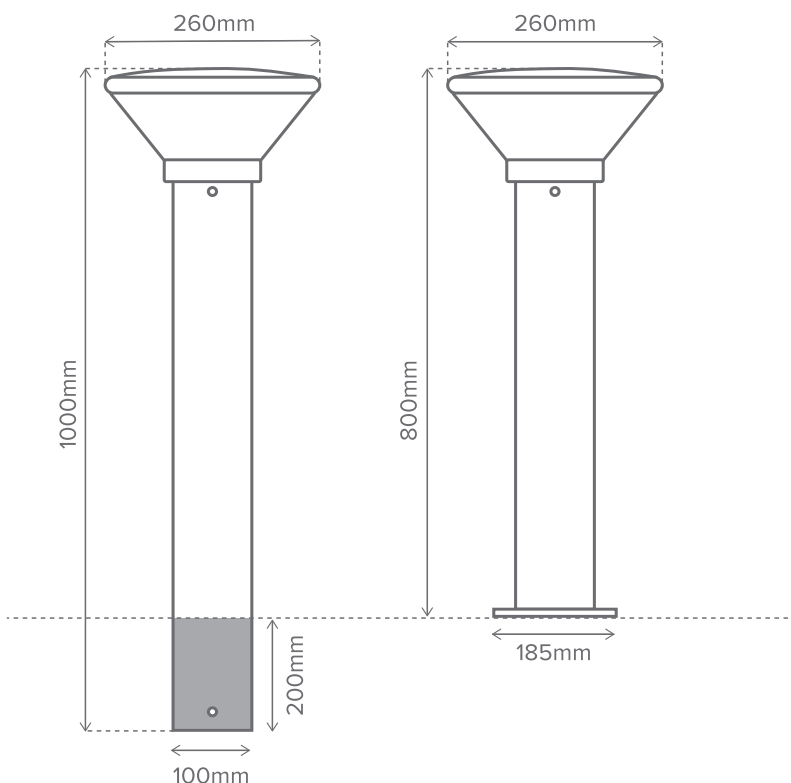


## BATTERY

The high capacity, long life battery is capable of over 2,000 charge and discharge cycles and has a life expectancy of 8+ years.

## INSTALLATION

Solareye Bollard Light is available in two installation types; planted and flat mounted. Dimensions for each are shown below.



### About Solareye

Solareye is a leading supplier of high quality solar lighting. We're proud of what we do; making roads, cycle paths, pedestrian walkways and public amenities safer for people to go about their daily business and enjoy the things they love.