

# solareye®80

Light your surroundings with solar-powered motion lighting

Help people to feel more comfortable in portable conveniences at night by creating a brighter environment.

## OFF-GRID LIGHTING SOLUTIONS

Solareye®80 - Roof Light is a solar-powered light equipped with a motion sensor, perfect for the portable toilet market but flexible enough to be installed in other off-grid applications. Designed in the UK to meet the demand of European weather conditions, this solar roof light offers a comfortable lighting level in your portable environment without the unnecessary expense of electricity charges.

Not only can solareye®80 lighting provide more convenience and comfort to your portable restroom, but it can also improve the feeling of safety and security for users.

### Simple to install and virtually maintenance-free

Without the reliance or need for electrical installation or external batteries, the operation is simple. During daylight, the solar panel harnesses energy from the sun and charges the battery. When it begins to get dark the inbuilt motion sensor will detect people entering the toilet and automatically turn on, delivering a comfortable light inside the portable unit. The light remains illuminated for approximately 35 seconds and then automatically switches off. The light is reactivated by further movement and when the battery is fully charged, the light cycle can be reactivated by movement 500+ times. Once in place, your lighting will look after itself requiring little to no routine maintenance.



### Resilient

Housed in a round, high impact and durable engineering grade polymer construction, the lighting unit fits through a hole cut into the ceiling of any portable toilet or off-grid unit.

Tested in UK weather conditions with ongoing rigorous quality control, this is the practical, sustainable lighting solution you've been looking for.



### No mains or external batteries

Abandon mains electricity and harness the power of the sun using long life LFP batteries.



### Fit and Forget

With an anticipated service life of 8 years and an LED lifespan of 100,000 hours you won't have to worry about replacement any time soon.



### Winter and Weatherproof

Proven to work efficiently all year round, solareye®80 roof light has been real time tested in actual UK weather conditions.



### Go Green

Our sustainable solar lights use green energy and therefore reduce impact on the environment.



### Easy to install

Solareye®80 roof light is easy to fit and once in place will look after itself, requiring little or no routine maintenance.

# GENERAL INSTALLATION GUIDANCE AND PRODUCT DETAILS



The lighting unit fits through a hole cut into the ceiling of any portable toilet or shower unit, using an appropriate hole saw. A rubber washer is then used to take up any contours in the roof and provide a watertight seal before the light is pop-riveted into place.

## PRODUCT AND TECHNICAL SPECIFICATION

- › **Product weight:** 220g
- › **Working time after full charge:** 500+ hours at 35-40 seconds
- › **PIR:** yes
- › **Power source:** solar-powered
- › **Auto:** on/off light sensor
- › **Product type:** solar powered LED ceiling light with motion sensor
- › **Material:** high impact durable engineering grade polymer
- › **Fixing method:** rivets, bolts or adhesive
- › **Light source:** LED (100,000 hours life)
- › **Battery:** long life LFP type battery included (8 years + anticipated)
- › **Working temperature:** -20c to 70c
- › **Manufacturer guarantee:** 1 year
- › **Product depth:** 42mm
- › **Product diameter:** 100mm overall/86mm hole



“The solareye®80 roof light by Lakeside Group, has solved our lighting problem. Now we can effortlessly offer lighting in our portable toilets for years to come without the bother of changing batteries or relying on electricity.”

**James Griffin, Managing Director,  
Griffin Toilet Hire**

## COULD SOLAREYE® WORK FOR YOU?

As one of the most unique solar roof lights on the market, solareye®80 is a great choice for suppliers of portable toilets who want to add light to their units, without requiring a power supply. Made with durable and high-quality materials and proven to work efficiently all year round, you can trust solareye®80 to face a wide range of climates and environments.

Put comfort and safety first without compromising on your carbon footprint.

Contact our team to discuss how solareye®80 roof light could work for you.



“As a quality supplier to the events industry, we rely on superior products that are strong enough to withstand tough conditions. We opted to buy solareye®80 roof lights for the portable toilets we supply and found they’ve set new benchmarks for lighting portable toilets. We can now fit lighting into our toilets without the fuss, once in place, they look after themselves.”

**Brent Mitchell, Managing Director,  
Events Crew**

## ABOUT LAKESIDE GROUP

Lakeside Group has spent more than 10 years making roads, cycle routes and pedestrian walkways safer. By listening to feedback from our customers we innovate and develop product designs to reduce safety and environmental concerns, whether that’s solar lighting, vehicle markings, signage or conventional road studs.

## CONTACT US

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