



SolarLite

SolarLite Path

A 360-degree in-ground LED light powered by renewable solar energy, the SolarLite Path is the ideal route guidance solution for Active Travel routes.

The SolarLite Path (P) is a solar-powered, in-ground LED guidance stud designed to make walking and cycling routes safer, more accessible and more sustainable.

By clearly defining the route without excessive light spill, SolarLite Path improves visibility while preserving the surrounding environment. It supports Dark Skies initiatives, minimises disruption to wildlife and eliminates the need for costly electrical infrastructure.

More than just a lighting solution, SolarLite Path helps create spaces where people feel comfortable using active travel routes throughout the year. Well-defined pathways can encourage greater confidence for all users, including commuters, families, women, children and those travelling alone after dusk helping communities make better use of public spaces beyond daylight hours.

Typical Applications:

Ideal for parks, greenways, active travel routes, canal towpaths, shared-use pathways, public footpaths, woodland trails, riverside walks, residential developments, campuses, visitor attractions and remote locations where mains power is unavailable.

Benefits at a glance:

- **100% Solar Powered** – No mains power or energy costs.
- **Improves Route Visibility** – Clearly defines pathways after dark.
- **Boosts User Confidence** – Encourages safer-feeling walking and cycling at night.
- **Dark Skies Friendly** – Minimises light pollution and protects wildlife.
- **Durable & Low Maintenance** – Built for long-lasting outdoor performance.

Plan your
project with
our stud
calculator



Technical Specification

Colour Options	Eco Friendly White (Warm 1800K), White, Green, Red, Blue, Amber
Operating temperature range	-20°C (-4°F) to 60°C (140°F)
LEDs per stud	1
Max distance of pedestrian/cyclist view to stud	Max distance of pedestrian/cyclist view to stud
LED output	>100Hz
Output from full charge	192 hours
Time to full charge	8 hours of direct sunlight
Fixative	Epoxy resin as per installation instructions
Embedded stud dimensions (base component)	21mm depth x 85mm width
Top plate stud dimensions (once installed)	105mm diameter with 6.5mm optical blister height
Projection	Centre optics 5mm from surface
Weight	106g
Reflector	None
Expected product life when installed	8 years
IP rating - IP68	IP68
Product load bearing	2 tonnes with a spread load / example passenger car at low speed
Height of stud at max point above ground level	9.5mm

www.solarlite-studs.com

t: +44 (0)1908 088008 e: info@solarlite-studs.com

Head Office: Aurora House, Deltic Avenue, Rooksley, Milton Keynes, MK13 8LW

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