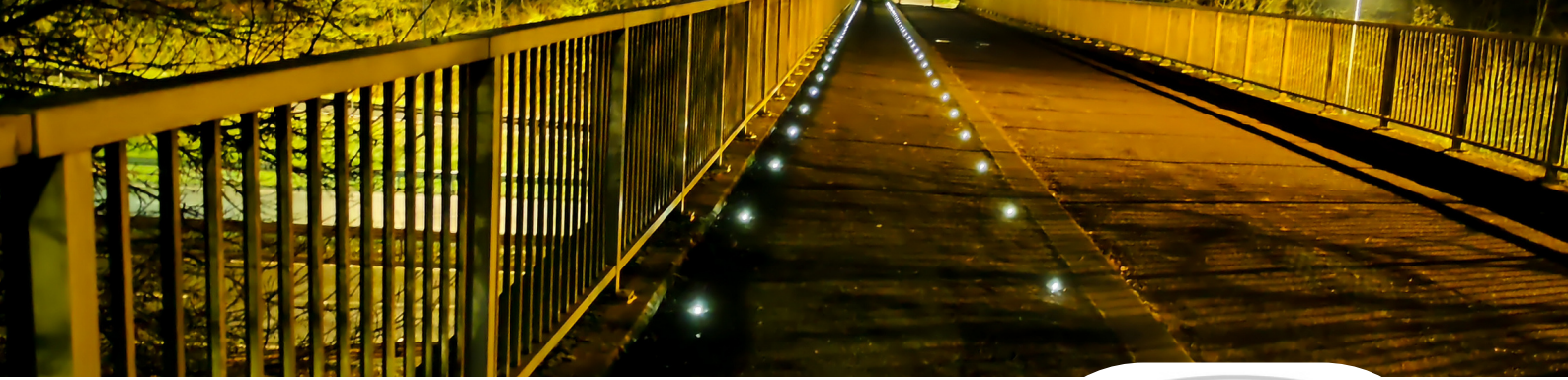


Product Description

The SolarLite Path (P) is a solar-powered LED in-ground light designed for active travel applications, providing illumination and guidance for pedestrians and cyclists in areas without access to mains power or street lighting.

This environmentally friendly and sustainable solution ensures safe guidance for users while supporting Dark Skies initiatives and protecting wildlife, making it an ideal choice for areas that prioritise safety, conservation and the preservation of the natural night environment.

Quick Facts and Performance:

Full 360-Degree Light Output: The SolarLite Path emits light across a 360-degree radius, ensuring clear and visible guidance for users on paths, even in remote areas where conventional lighting is unavailable.

Up to 25m Light Range: The LED studs are engineered to project light up to 25 meters away, ensuring effective illumination at a practical height and angle, optimised for pedestrian and cyclist navigation during night hours.

Textured Top Surface: The stud's top surface is designed with texture to provide extra grip for pedestrians, enhancing safety, especially in wet or slippery conditions.

Durability: The stud is built to withstand heavy use and environmental conditions, particularly the physical stress encountered in tarmac pathways.

Biodiversity by design

The SolarLite Path is designed with environmental sensitivity in mind. Its focused, ground-level illumination minimises upward light spill, making it perfect for Dark Skies initiatives where preserving the natural night sky is a priority. This also contributes to reduced visual intrusion in rural or natural landscapes. Additionally, the stud uses low intensity light to prevent over-lighting proving to be friendly to nocturnal wildlife, including bats, by avoiding disruption to their natural habitats. This makes it an excellent choice for eco-conscious infrastructure and sustainable urban planning

The SolarLite Path is not only an efficient, renewable energy-powered solution for pedestrian and cyclist guidance but also an environmentally conscious choice that supports both Dark Skies initiatives and wildlife conservation efforts.

Technical Specifications

Operating temperature range	-20°C (-4°F) to 60°C (140°F)
LEDs per stud	1
Max distance of pedestrian/cyclist view to stud	25m at 1.8m height
LED output	>100Hz
Output from full charge	240 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 10mm circular bonding face x 5mm optical blister height x 22mm optical
Projection	Centre optics 5mm from surface
Weight	106g
Reflector	None
Expected product life when installed	8 years
Height of stud at max point above ground level	5mm

Benefits at a glance:



- **Sustainable:** Solar-powered, reducing reliance on mains electricity
- **Maintenance-Free:** No upkeep required for 8 years
- **Energy Efficient:** Recharges fully in just 8 hours of sunlight
- **Long-Lasting:** 240 hours of light per full charge
- **Slip-Resistant:** Textured surface for improved grip
- **Easy Installation:** Simple setup with epoxy fixative
- **Versatile Visibility:** 25-meter range for safety in low light