

CASE STUDY

Affordable, practical lighting for Sowerby's 1km fitness track

As part of plans to boost facilities for sport and recreation, Hambleton District Council has created a 1km fitness track suitable for running, cycling and walking which forms part of a larger sports village in Sowerby on the outskirts of Thirsk, North Yorkshire.

Following consultation with a local athletics group, the council needed to provide guided delineation around the course to enable the facility to be used during the winter and the darker nights.

The district council had to balance the need to create a safe and attractive public environment while maintaining the biodiversity of the site and limiting any light encroachment on local residential properties.

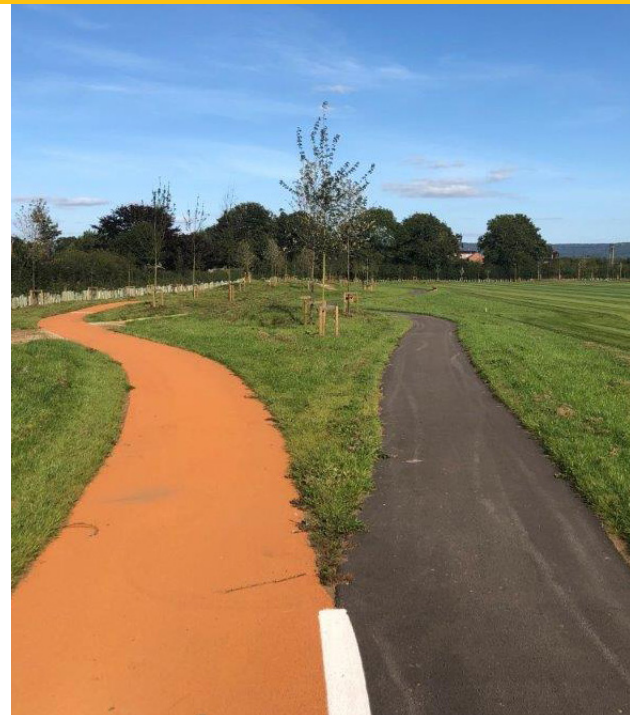
Aspects such as, location, usage, artificial light levels, maintenance, and cost were all important factors that the council needed to consider, which is why they selected Lakeside Group who could offer an affordable solar light solution that could meet all their requirements.

THE SOLUTION

Initially Hambleton District Council bought 20 Solareye®80 light studs from Lakeside Group to enable the runners to subjectively evaluate the solar lights when placed on the track.

The project required 126 Solareye®80 white bat hats along the 1km asphalt track, 16 Solareye®80 green bat hats to mark the track distance for runners and 4 red flashing lights to denote where the track splits.

Lakeside Group specifically designed the Solareye®80 to be light weight for use on cycleways and pathways but is now being used across multiple applications.



John Horne, Product Development Manager at Lakeside Group said: "We are always excited to hear about the range of applications, from large scale projects such as cycle tracks to smaller applications around the grounds of a house - the beauty of Solareye®80 is in its flexibility."

Lisa Wilson, Communities Manager at Hambleton District Council said: "Lakeside Group has helped by sharing their expertise and advice on the best lighting solution for our scheme. Lakeside Group provided samples of the product so that we were able to test it out first to make sure that it was right for us. We found that Solareye80 exceeded our expectations and so we were happy to place the order for the full scheme."

The solar lighting studs that were chosen by the council included 'Bat Hats' which met with their need to reduce as much light pollution as possible for both residents and wildlife. The Bat Hat is a solar ground light that has been designed to reduce upward light spillage by over 95 per cent. The product has been fitted with a cap to reduce light spillage yet remains the same signal in profile and night-time visibility for users of the fitness track as the original Solareye®80.

THE BENEFITS

"Lakeside Group was very easy to deal with and responded promptly to all our enquiries. They were able to come out on-site so that the design of the final scheme met our requirements. During installation, Lakeside Group was efficient and professional."

Lisa Wilson, Communities Manager, Hambleton District Council

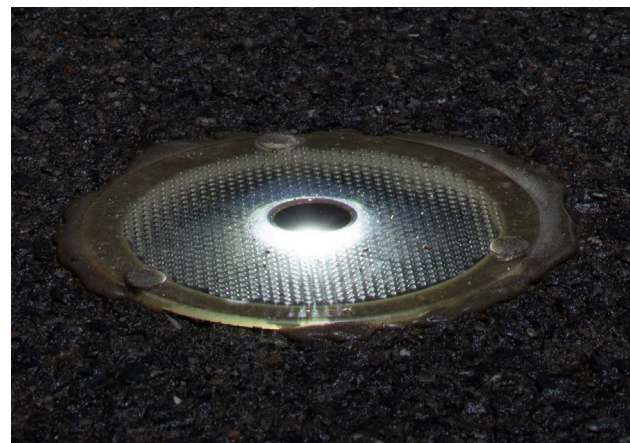
The design of Solareye®80 Bat Hat version was appealing to the council because the product reduces light pollution to an absolute minimum and being solar powered eliminates the need for mains electricity making it easier and more cost-effective to install and maintain as well as reducing our carbon footprint.

Lisa Wilson said: the new outdoor solar lights have been a real asset to the fitness track, providing many benefits:

- Solareye®80 is a great choice for the sports facility as no electricity is required, which means minimal maintenance and low costs.
- The solar light studs outline the fitness tracks by offering a comfortable glow without being obtrusive to local residents or the natural environment.
- Outdoor solar lighting that is great value for money, once installed, they virtually look after themselves, even on the darkest of days.

Want to discuss a project in more detail?

Call us on 0845 293 8062, email or visit www.solar-eye.com



About Lakeside Group Ltd

We believe our industry experience, providing durable high-quality products and delivering exceptional customer service is key to our strength.

Lakeside Group has over 30 years in the traffic/cycle and pedestrian safety industries and a history of product design, sourcing and accreditation. We're proud of what we do and how we do it: making roads, cycleways and pedestrian walkways safer for people to go about their daily business.

Solareye®80 is a testament to our strengths – designed in the UK, it has been real time tested for over 8 years in actual UK conditions and evolved to work consistently over this period.