Case Study

prolectric™ SMART CLEAN TECHNOLOGY + NATTA

Solar Bollard Lighting

Prolectric supplied 96 solar bollards to safely illuminate a new pathway between housing and a school, delivering a sustainable, low-level lighting solution that enhanced child safety and reduced installation complexity.

PROJECT OVERVIEW

Natta, working alongside a lighting designer and architect, sought a sustainable and effective solution for a new pathway connecting local housing to a nearby school.

The primary concern was ensuring the safety and security of children walking to and from school, while also delivering a low-maintenance, cost-effective lighting system.

KEY PROJECT STATS

- 96 solar bollards supplied and commissioned
- Zero cabling required
- 100% renewable power
- Improved pathway safety for children and parents

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CHALLENGES

- **Child safety:** The pathway required consistent, reliable lighting to ensure children could walk safely in darker hours.
- **Design requirements:** Low-level illumination was preferred over taller street lighting to avoid glare and maintain a welcoming environment.
- **Availability pressures:** Demand for bollard units created scheduling challenges that needed to be carefully managed.

THE SOLUTION

Following a successful tender, Prolectric supplied 96 solar-powered ST Bollards, chosen for their sustainable, off-grid performance and subtle, low-level design.

To support delivery, Prolectric also provided commissioning services and, as part of our commitment to client satisfaction, completed the installation and commissioning of 20 units at no additional cost.

This ensured the project remained on track and the pathway could be opened safely as planned.

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At Natta, our ethos is built on combining modern thinking with traditional values - and this project with Prolectric exemplifies that perfectly.

When we needed a sustainable, low-impact lighting solution for the pathway linking housing to the school, Prolectric's solar ST bollards delivered precisely what we were looking for: effective and unobtrusive night-time illumination, zero cabling and alignment with our own commitment to lasting, practical innovation.

We were particularly impressed by Prolectric's support when availability was stretched for the last 20 units - they stepped in to assist with extra resources for commissioning and installation within the project programme and at no extra cost; ensuring the pathway was safely lit for School opening, without delay.

This kind of partnership, reliability and technical know-how is exactly what we expect from contractors we trust.

Jo Whelan
Communication Director
Natta Building Company

RESULTS

The project successfully delivered:

Enhanced safety:
Children and parents now benefit from a well-lit, low-level pathway.

Sustainability:
100% solar-powered bollards removed the need for cabling and reduced environmental impact.

Client support:
Prolectric's commissioning and complimentary installation service helped resolve availability pressures.

Community benefit:
The pathway has created a safe and welcoming connection between homes and the local school.