

## Case Study

# Vivo Defence Brompton

### Background

VIVO Defence Services is a joint venture between Serco and EQUANS, who are industry-leading FM specialists - they have been awarded places on the Defence FM and Housing Maintenance framework contracts.

- Their purpose is to modernise the lived experience for our Armed Forces.
- VIVO Defence Services embodies both experience and innovation.
- A solution was needed to update and significantly improve the lighting quality across the estates for residents.



### Zero Carbon

No greenhouse gas emissions.



### No mains power

Benefits for urban locations and night projects.

### Challenge

The lack of quality lighting had implications for health and safety.

- The new lighting solution needed to be easy to deploy, cost effective to run and provide reliable year round lighting.
- Ensuring the installation works had minimal environmental impact.
- The solution also needed to be environmentally sustainable and significantly reduce carbon emissions.



### Low Maintenance

Easy installation and long operating life



### Low cost

No diesel costs, spills, or refuelling.

*Having used Prolectric for several lighting projects now, I find their approach, ease of use, knowledge and range of products to be very good. It's fantastic to be able to work with such a reliable and proactive supplier installing solar lighting adaptations to existing street lighting as well as new designs. The works are incredibly low impact for our families and cause no issues while being completed but result in much better lighting designs as well as eliminating the cost of traditional street lighting electricity bills for our client.*

### Christopher Irons

Regional Billable Works Manager.



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# The Solution

## Products — In Action

- After a site visit, Prolectric developed a full lighting design and proposal, ensuring the new site lighting would meet British lighting standards.
- A total of 89 AE3 solar streetlights were retrofitted & installed across various housing estates delivering a bright and reliable year-round lighting solution without noise, emissions and the need for mains power.
- Prolectric's expert, in-house installation team carried out the work. The installation took only two weeks to complete and was completed in accordance with Vivo's health and safety regulations.
- This project successfully demonstrates how sustainable solar lighting delivers a year-round, commercially viable solution that can help businesses reach their sustainability targets.

## Products — Feature

- Prolectric AE3 solar-powered LED street- lights are a high-quality, year-round, permanent solution with no need for main electrical power.
- They can be fitted or retrofitted quickly and efficiently, as there is no need to install cables or dig trenches.
- Fully solar powered means no carbon emission, no noise, no electricity bills, and less maintenance required.
- The AE3 features a specially developed smart light controller and Passive Infra-Red sensor. This ensures light, even throughout the darkest winter months.

## AE3 Solar LED Street and Car Park Lighting

Year-round, permanent solar street lighting. Simple to install & no need for external electrical power.

- Zero carbon
- No mains power
- Low maintenance
- Quick installation and delivery service



## Why choose Prolectric?



**Zero Carbon**  
No fumes or greenhouse gas emissions.



**Zero Fuel**  
No diesel costs, spills or refueling.



**Zero Noise**  
Benefits for urban locations & night projects.