

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.

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.



Advanced Technology
'All in One' compact design

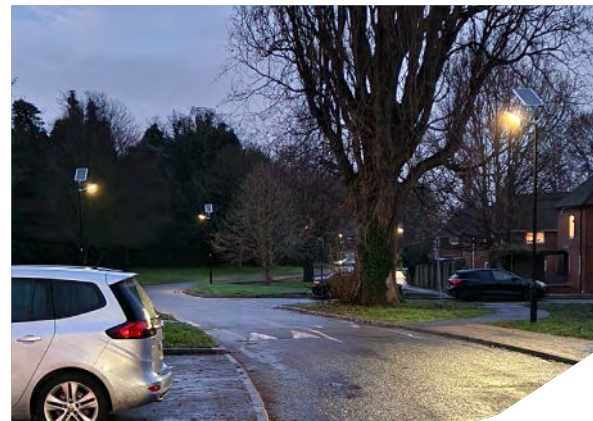


Battery Technology
Reliable performance all year round, even during winter.

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



We were the first company in the UK to install solar-only permanent street lights in 2011 and are now the market leader with thousands of units installed on streets, car parks and footpaths across the country.



The Solution

Products – In Action

- After a site visit, we developed a full lighting design and proposal, ensuring the new site lighting would meet British lighting standards.
- A total of 89 AE3 solar street lights were retrofitted and installed across various housing estates delivering a bright and reliable year round lighting solution without noise, emissions or the need for mains power.
- Our expert, in-house installation team carried out the work. The installation took only 2-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

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

AE3 Solar LED Street and Car Park Lighting

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

- No carbon emissions
- No mains power
- Low maintenance
- Quick installation and delivery service
- No on-going energy costs



Why choose Prolectric?



Lighting Designs
Custom lighting designs available, meeting British Lighting Standards.



No Mains Power
No need for trenches or cabling, external electricity or a DNO connection.



5-Year Guarantee
Cover on all parts of the lights and solar panel.



Low Cost
Installation costs are halved and no on-going running costs.



3-PIR Sensors
The only light offering detection for a wider range of motion.