

Permanent Solar Lighting

Applications

Street lighting
Parks & recreation areas
Public areas
Bus stops and shelters
Car parks and perimeters
Marinas and harbours
Footpaths

Prolectric permanent AE3 and AE6 LED solar lights use world-class LEADSUN technology to provide high-quality, year-round, off-grid lighting.

We offer a full design supply and installation service for our solar street lights, which can be supplied with your specified lamp posts, or retrofitted to existing posts. With no need to dig trenches, install trunking for cables or additional DNO connection; installation costs can be halved compared to conventional mains power alternatives.

Prolectric are market leaders in solar lighting and were the first to introduce compact solar-only winter ready permanent street lights to the UK in 2011. There are now more than 6,000; lighting up car parks, walkways and streets across the country.

Our many satisfied customers include leading national housebuilders, Ministry of Defence bases, Local Authorities, main infrastructure contractors and holiday parks.

NO MAINS POWER

No need for external electricity & DNO connection



ZERO MAINTENANCE

Easy installation and long operating life



LOW COST

No need for trenches or cabling & economic to operate



ZERO CARBON

No greenhouse gas emissions



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World-beating Solar Lighting

Prolectric are exclusive UK distributors of the LEADSUN solar lighting range for the UK. World-class solar power technology and Lithium LiFeP04 battery technology enables highly reliable performance even during winter months.

We use high lumen output LED, high efficiency lithium batteries and the latest solar technology.

The Intelligent Operators

Integrated Passive Infra-Red (PIR) sensors switch lights to 100% brightness when vehicles or people enter a pre-defined area, but save power and reduce light pollution when the area is unoccupied. This ensures the solar LED's lasts from dusk until dawn.

The lighting units each have an integrated charging unit that constantly monitors the state of the batteries' charging circuit to optimise power levels and ensure maximum efficiency.

Cost-Saving and Maintenance-Free

Prolectric solar LED permanent lights are a popular choice with local authorities and housebuilders, where cost-effective lighting is important. A Prolectric light can be easily installed with 'root mounted' posts into excavated holes or onto a level concrete surface to provide power-free, maintenance-free lighting for many years.

Lighting Design Service

Prolectric offers a full lighting design service. Our engineers can advise on lighting layout and report on the lux levels across your site. We use 'Lighting Reality' software as the lighting software of choice, when undertaking a review of your site details. Our lighting design will comply with BS5489.

Installation and Delivery

Prolectric provides a full delivery and installation service. We are usually able to respond at short notice to fulfil your order.



AE3 55

The AE3 is the world's most compact and versatile solar

LED Light for small to medium spaces. Its lightweight design has been proven over many years of use worldwide. The AE3 55 is available with a 5 or 10 watt high-quality LED.



AE3 80

The AE3 80 series provides solar lighting for areas requiring

brighter lighting powered by a 80w sized solar panel. The AE3 80 is available with a 10 watt LED.



AE6

Our newest, brightest and most powerful solar light, the AE6 is an impressive performer

delivering outstanding lighting. The AE6 is available with a 10, 15 or 20 watt LED.



Contact us

Tel: 01275 400 570

Email: enquiries@prolectric.co.uk

Unit 35, Hither Green Industrial Estate, Clevedon,
North Somerset, BS21 6XU