

ProLight Mobile Solar Lighting Tower

The award-winning **Prolectric ProLight** is the only mobile solar lighting tower in the UK that operates reliably all year round, even in challenging winter conditions.

The ProLight is the cost-saving alternative to diesel-generator tower lights that's easy to set up - and forget. The ProLight never needs to be refuelled, so you save money and manpower, while it continues to provide powerful light with no noise, polluting emissions or danger of spills.

Available for hire or purchase.

Applications

- Infrastructure & construction projects
- Site welfare compounds & walkways
- Temporary car parks
- Off-grid emergency response
- Outdoor events and festivals

Our Customers Include

- A14 Integrated Delivery Team
- Skanska
- Balfour Beatty
- Vinci Construction
- Carillion Rail

NO EMISSIONS

No fumes or greenhouse gas emissions



NO NOISE

Benefits for urban locations and night projects



NO FUEL

No diesel costs, spills, or refuelling



NO MAINTENANCE

Technology allows you to set up and forget



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Trusted, Smart and Safe

The Prolectric ProLight offers a high-performance, low operating-cost alternative to diesel generator lighting. The trailer-mounted battery has three times the capacity of any other temporary solar trailer light on the market, so that even on winter days with 16 hours of darkness, the unit operates consistently and reliably.

- Bright 550m² coverage
- Lux level: Min 20
- Lumens: 10,000 to 40,000
- Purpose-developed, trailer-mounted power unit
- Heavy-duty, deep-cycle battery technology
- 4 x 330W foldable solar panels
- 4 x LED floodlights
- 7.5m telescopic mast

Remote Control and Monitoring

Every ProLight is fitted with a micro-controller and tracking facility, so it can be switched on and off remotely, and key data such as power generated/consumed and light on/off settings, monitored and recorded. You can change the settings to suit the light conditions without attending on site - or we can do it for you.

Customers can be provided with real-time web portal access to Prolectric's Remote Monitoring Service and we also provide a daily monitoring and control service to optimise the performance of each unit. Regular reports can be provided to track performance and carbon saved compared to conventional alternatives.

In the unlikely event of battery low voltage, the ProLight's integrated GSM communications unit issues an alert to our regional maintenance teams to attend on site.

Mast Safety System

The Prolectric Automatic Mast Safety System (PAMS) is a fail-safe system that stops a light from being moved with the mast raised, avoiding danger to personnel including inadvertent striking of overhead powerlines. The mast cannot be raised when the handbrake is on and is automatically lowered when the handbrake is released, e.g. before driving away.

Hand-Tool Operation

ProLight solar units can be fitted with an upgrade that enables 1800w hand tools to be powered with the solar energy generated and stored in the light's battery system.

Lighting Design Service

Prolectric offers a full lighting design service to ensure you have the optimum temporary lighting configuration for your site.



Contact us

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