

Solar Lighting Bollards

Prolectric ST and SR solar bollards use the latest LED technology for bright illumination with next-generation battery charging to optimise power usage. Long-lasting illumination is assured even through the darkest winters.

With an attractive, modern design, our bollards are vandal-proof and ready for easy installation. Depending on your requirements, select the ST for all-round lighting, or the domed-head SR to direct light downwards with a 90° light-distribution cut-off.

Applications

- Housing developments
- Pathways and drives
- Footpaths, walkways & cycleways
- Perimeter lighting
- Low-level car park lighting
- Security and entrances
- Marinas and harbours

Our Customers

- Major housebuilders
- Environment Agency
- Housing Associations
- Local Authorities

NO MAINS POWER

Economic to operate



NO MAINTENANCE

Easy set up and long operating life



LOW COST

No need for trenches or cabling



NO EMISSIONS

Reduce greenhouse gas emissions



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The Solar Bollards That Keep On Giving

Prolectric's SR and ST solar bollards keep on performing all night long, and all winter long, delivering bright illumination. Their trusted performance is down to a combination of the latest LED technology and high-power Lithium LiFePO4 batteries, together with Prolectric's integrated charging circuit, which constantly monitors the state of the batteries to optimise the charging levels.



ST Bollard



SR Bollard

SPECIFICATIONS	ST	SR
Standard Colour	White	White
Housing	Polycarbonate 257mm Diameter IP66 when installed to pole	Polycarbonate 454mm Diameter IP66 when installed to pole Net Weight 3Kg ± Reflector
LED	Nichia Initial Im/W 150	Nichia Initial Im/W 150
System Power	3.2VDC	3.2VDC
Temperature Range	-30°C to 60°C	-30°C to 60°C
Design Life	10 years expected	10 years expected
Warranty	5 years	5 years
Maintenance	Nil (using correct model/ location)	Nil (using correct model/ location)
Pole	Anodised Aluminium 6106	Anodised Aluminium 6106
Security Bolts	Torx Pin Button Head	Torx Pin Button Head
Assembly	Simple	Simple
Documents	Warranty and Installation	Warranty and Installation

SOLAR MODULE		BATTERY	
Brand	Own	Brand	Own
Watt	4.8 W mono	Type	Lithium LiFePO4
Features	Tempered Glass	Cycles	5500 expected min.
Design Life	10+ years	Design Life	10+ years