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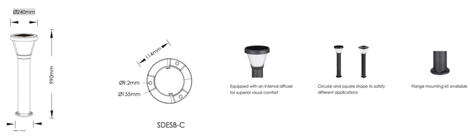
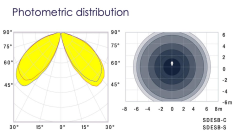
Solar PV LED ECO Bollard Post Light -All-in-one Integrated Solar Lantern c/w Built In Integral Solar Panel & Integrated Lithium LiFePO4 Battery

~~£203.40~~ **£155.40**





PRODUCT INFORMATION	
LED Type	SMD3030 LEDs
Warranty	3 Year
Part L Compliant	Yes
Dimensions	Ø240mm x 990mm h (Round) 235mm x 990mm h (Square)
Weight	3.20kg
TECHNICAL SPECIFICATIONS	
Power Consumption	5W
Power Factor	>0.96
Operating Temperature	-20°C to 50°C
L70 Rated Lifetime	+70,000hrs
Ingress Protection	IP66
LUMEN PERFORMANCE	
Luminous Efficiency	180lm/W
Beam Angle	360°Symmetric Distribution (all round)
CRI (Colour Rendering Index)	>80Ra
Lumen Output	500lm
AVAILABLE OPTIONS	
Colour Temperature	Natural White 4000-4500K
3-Hour Emergency Version	No
Built-in Microwave Occupancy Detector	Available on Request
1-10V Dimmable	Available on Request

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PRODUCT INFORMATION

TECHNICAL SPECIFICATIONS

LUMEN PERFORMANCE

AVAILABLE OPTIONS

DALI Dimmable	Available on Request

Solar PV LED ECO Bollard Post Light -All-in-one Integrated Solar Lantern c/w Built In Integral Solar Panel & Integrated Lithium LiFePO4 Battery

This is a solar product. Do not install in shaded areas - require direct sunlight.

With an integrated Mono-Si solar panel and LiFePO4 battery, the all-in-one solar LED bollard makes it easier than ever to meet your sustainability targets. All in a compact and durable housing, you can bring it to both urban and rural areas without access to the electric grid for years to come. The luminaire comes in different shapes and is designed for residential and commercial pathway applications. This bright solar powered bollard features an integrated solar panel on top and 360 degree downward light distribution. The bollard provides safety and security to pathways while repecting the environment.

With a high tightness level and reliable design, this luminaire is built to withstand harsh environmental conditions and vandalism to perform over time. High-pressure die cast aluminium housing finished with integrated Mono-Si solar panel which has 25 years anticipated life span, the all-in-one solar bollard gives long lasting and optimised illumination with 100% energy savings.

All-in-one solar bollard is made for quick and simple installation without worrying about complicated and frustrating electrical connection. The luminaire reaches 3 days operational time with additional benefits include fully automated from dusk till dawn, pre-set timing control and optional motion sensor to maintain optimum performance.

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Equipped with an internal diffuser for superior visual comfort

Circular and square shape to satisfy different applications

Flange mounting kit available

Durable with rated life span L70>50,000 hours / Mono-Si solar panel / LiFePO4 battery / No UV or IR emissions / UKCA, CE & RoHS international standards / Environmentally friendly & part recyclable: no mercury or other hazardous materials used / Heavy duty die-cast aluminium housing & polycarbonate lens / Complies with EN60598

Technical Specification

Ø240mm

Beam Angle: 360°Symmetric Distribution (all round) Luminous Efficacy: up to 150lm/W
Color Rendering Index: 80Ra
LED Type: LM80 2835LEDs

Solar Panel: Mono-si (25 years of anticipated lifespan) Battery: LiFePO4 (8 years of anticipated lifespan) Solar Charge Controller: PWM
System Design: 3.2 VDC

Charging Time: 3-4 hours
Operating Hours: > 3 days
Operating Temperature: -10°C to 50°C Color Temperature: Neutral White 4000K

(Others available on request)

† Calculations are done with the 3 hours of Peak Sun Hour Operation time calculations are done in pre-set time control mode

Operation time calculations are done in pre-set time control mode

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Autonomy and Operation time calculations are only indicative and will depend on several variable factors

Note: whilst all units are designed to have 2 day autonomy on a full charge, as a supplier/manufacturer we have little control over the weather/sun and this prolonged periods of no sun, full cloud coverage or installed in shade will ultimately prevent the battery from full charging. If you are in need of an installation which is guaranteed 365 days a year, we recommend you opt for a mains installation to avoid any doubt.