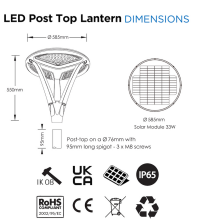
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Solar PV LED Post Top Street Light Lantern - All-in-one Integrated Solar Lantern c/w Built In Integral Solar Panel & Integrated Lithium LiFEPO4 Battery

~~£467.40~~ £251.40



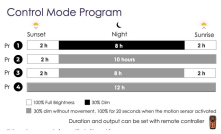


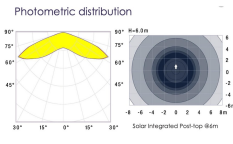














PRODUCT INFORMATION

LED Type	SMD3030 LEDs
Warranty	5 Year
Part L Compliant	Yes
Dimensions	585mm x 550mm
Weight	5.9kg
Windage	0.3m²

TECHNICAL SPECIFICATIONS

Power Consumption	12W
Power Factor	>0.96
Operating Temperature	-20°C to 50°C
L70 Rated Lifetime	+70,000hrs
Ingress Protection	IP66

LUMEN PERFORMANCE

Luminous Efficiency	160lm/W
Beam Angle	360°
CRI (Colour Rendering Index)	>80Ra
Lumen Output	2600lm

AVAILABLE OPTIONS

Colour Temperature	Natural White 4000-4500K
3-Hour Emergency Version	No
Built-in Microwave Occupancy Detector	Available on Request

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PRODUCT INFORMATION

TECHNICAL SPECIFICATIONS

LUMEN PERFORMANCE

AVAILABLE OPTIONS

1-10V Dimmable	Available on Request
DALI Dimmable	Available on Request

Note - supplied flat pack. self assembly required. See instructions for details.

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

2600m Solar PV LED Post Top Street Light Lantern - All-in-one Integrated Solar Lantern c/w Built In Integral Solar Panel & Integrated Lithium LiFEPO4 Battery

With an integrated Mono-Si solar panel and LiFePO4 battery, the all-in-one solar LED street lantern makes it easier than ever to meet your sustainability targets. All in a compact 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 a range of lumen packages up to 2,600 lumens and is designed for column/post mounting at heights of 3-5m.

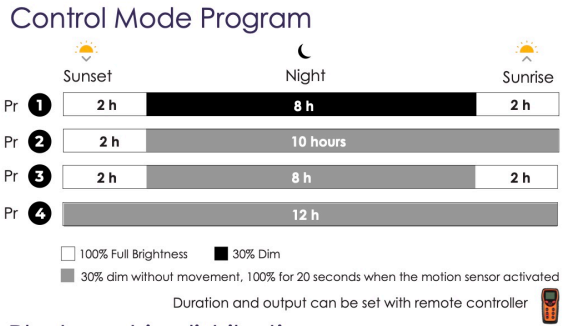
With a high tightness level and a very high degree of impact resistance, this luminaire is built to withstand harsh environmental conditions and vandalism to perform over time. High-pressure die cast aluminium housing finished with integrated Mono-Si solar panel which has 25 years anticipated life span, all-in-one solar street lantern gives long lasting and optimised illumination with no uplight pollution. The luminaire is 50mm/60mm side entry as standard, but has the option of an adjustable tilt bracket which mounts direct onto a 76mm column.

All-in-one solar street lantern is made for quick and simple installation without worrying about complicated and frustrating electrical wiring. The luminaire reaches a working time of up to

20-24 hours with as little as 6 hours daily charge. Additional benefits include fully automated from dusk till dawn and pre-set time dimming to maintain optimum performance.

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Mono-crystalline high-efficiency cells solar module / Lithium Iron Phosphate (LiFePO4) battery / Electronic protection battery management system / MPPT solar charge controller / UKCA, CE & RoHS international standards / Environmentally friendly & part recyclable: no mercury or other hazardous materials used / Integrated temperature & motion sensors / Robust aluminium structure with light weight / Complies with EN60598



Technical Specification

Beam Angle: 150° x 150°(All-round-optic) Luminous Efficacy: 160lm/W
Color Rendering Index: 80Ra
LED Type: LM80 3030LEDs

PV Module: Mono-crystalline
(25 years of anticipated lifespan)

Battery: LiFePO4 (8 years of anticipated lifespan) System Design: 12/24 VDC
Control Mode: D2D (Dusk to Dawn) / STD (Step

Dimming with Motion Sensor Override

/ TC (Time Control) Charging Time: 4-6 hours

Control Mode: D2D / STD / TC
Operating Temperature: -10°C to 50°C Mounting Option: Post-top Slip-over - Ø76mm Mounting Height: 3-6m
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

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

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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.