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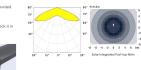
Solar PV LED Post Top Street Light Lantern - All-in-one Integrated Solar Lantern c/w Built In Integral Solar Panel & Integrated Lithium LiFEPO4 Battery

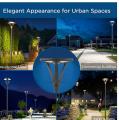
£467,40 £251,40











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 Efficiency160lm/WBeam Angle360°CRI (Colour Rendering Index)>80RaLumen Output2600lm

AVAILABLE OPTIONS

Colour Temperature Natural White 4000-4500K

3-Hour Emergency Version No

Built-in Microwave Occupancy Detector Available on Request



PRODUCT INFORMATION

Unit 2,
Delta Court,
Doncaster,
DN9 3GN
text_phone 03333 444 943
sales@theledstore.co | https://theledstore.co/

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.



High efficiency mono-crystalline solar panels protected by tempered glass



Sleek modern housing, integrated with motion sensor and sunlight sensor



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

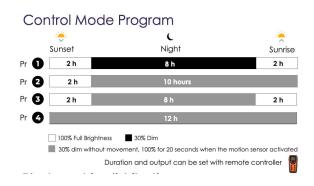
20-24 hours with as little as 6 hours daily charge. Additional benefits include fully automated from dusk till dawn and pre-set time dimming to maintain optimum performance.







Mono-crystalline high-efficiency cells solar module / Lithium Iron Phosphate (LiFePQ4) | batteryel/edstore.co/ 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







 $little\ control\ over\ the\ weather/sun\ and\ this\ prolonged\ periods\ of\ no\ sun,\ full\ cloud \verb||coverage|| some installed || in shade \verb||e.co||$ $will \ ultimately \ prevent \ the \ battery \ from \ full \ charging. \ If \ you \ are \ in \ need \ of \ an \ installation \ which \ is \ guaranteed \ 365$ days a year, we recommend you opt for a mains installation to avoid any doubt.