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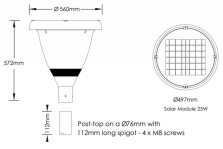
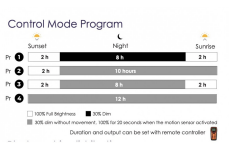
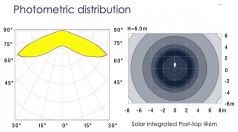
Solar PV LED Post Top Street Light Lantern - All-in-one Integrated Solar Lantern c/w Built In Integral Solar Panel & Integrated Lithium LiFEPO4 Battery

~~$475.46~~ $435.18







PRODUCT INFORMATION

LED Type	SMD3030 LEDs
Warranty	5 Year
Part L Compliant	Yes
Dimensions	560mm x 572mm
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	180lm/W
Beam Angle	360°
CRI (Colour Rendering Index)	>80Ra
Lumen Output	1980lm

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

1920lm 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 3,600 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.

High efficiency mono-crystalline solar panels protected by tempered glass

Sleek modern housing, integrated with motion sensor and sunlight sensor

Suitable for Ø76mm column entry

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

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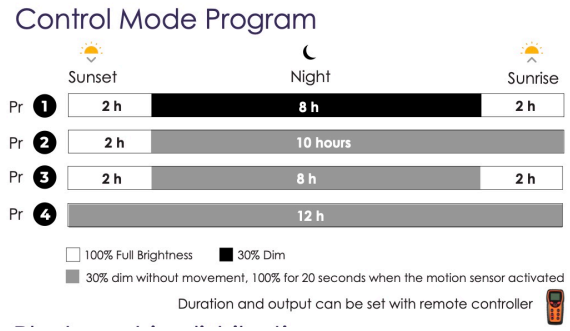
weight / Complies with EN60598



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