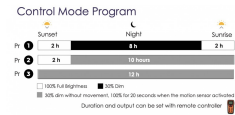
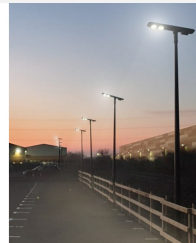


**Solar PV Premium LED Street Light 10W/20W/30W/40W - All-in-one Solar PV Street Exterior Light c/w Built In Integral Solar Panel & Integrated Lithium LiFePO4 Battery**

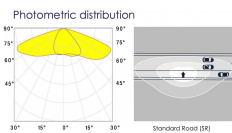
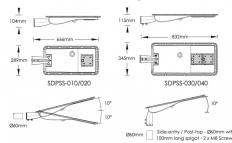
~~\$279.54~~ **\$227.05**



**SOLAR ALL IN ONE STREET LIGHT**



Dimensions and mounting



**PRODUCT INFORMATION**

LED Type	SMD3030 LEDs
Warranty	5 Year
Part L Compliant	Yes
Dimensions	LSTPSS-010 / 20 666mm x 289mm x 104mm LSTPSS-030 / 40 832mm x 354mm x 115mm
Weight	LSTPSS-010 / 1,500lm / 5.8kg SDPSS-020 / 3,000lm / 6.2kg SDPSS-030 / 4,500lm / 7.8kg SDPSS-040 / 6,000lm / 8.2kg
Windage	LSTPSS-010 / 20 0.19m <sup>2</sup> LSTPSS-030 / 40 0.24m <sup>2</sup>

**TECHNICAL SPECIFICATIONS**

Power Consumption	LSTPSS-010 / 1,500lm / 12.8V/8AH SDPSS-020 / 3,000lm / 12.8V/16AH SDPSS-030 / 4,500lm / 12.8V/22AH SDPSS-040 / 6,000lm / 12.8V/30AH
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	150° x 80°
CRI (Colour Rendering Index)	>80Ra

**PRODUCT INFORMATION****TECHNICAL SPECIFICATIONS****LUMEN PERFORMANCE**

Lumen Output LSTPSS-010 / 1,500lm SDPSS-020 / 3,000lm SDPSS-030 / 4,500lm SDPSS-040 / 6,000lm

**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  
DALI Dimmable Available on Request

**Solar PV Premium LED Street Light 10W - 40W - All-in-one Solar PV Street Exterior Light c/w Built In Integral Solar Panel & Integrated Lithium LiFePO4 Battery**

With an integrated Mono-Si solar module and LiFePO4 battery, the all-in-one integrated smart 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 size and lumen packages, designed for column/post mounting at heights of 3-8m.

With a high tightness level and robust 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, it gives long lasting and optimised illumination with no uplight pollution.

All-in-one solar street lantern is made for quick and easy installation without worrying about complicated and frustrating electrical wiring. The luminaire reaches 3 days operation time with additional benefits include fully automated from dusk till dawn, built-in motion sensor and programmable time control to maintain optimum performance. This luminaire also complies with the dark sky requirement with no upward lighting pollution.



Integrated Mono-Si solar panel and LiFePO4 battery



All-in-one compact body, easy to install without making electrical connections

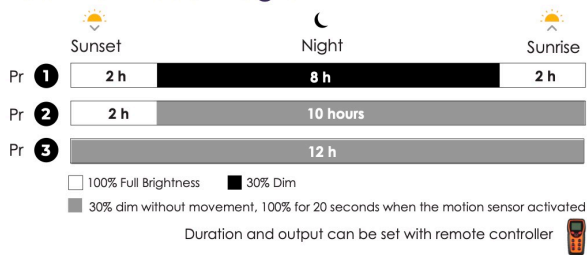


Multiple lumen packages with long operational working hours

## Product information

Durable with rated life span L70>60,000 hours / Mono-Si solar panel / LiFePO4 battery / Electronic protection battery management system / 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

### Control Mode Program



Beam Angle: Optic SR (Standard Road) Luminous Efficacy: 180lm/W  
Color Rendering Index: 80Ra  
LED Type: LM80 3030LEDs

Solar Panel: Mono-si (25 years of anticipated lifespan) Battery: LiFePO4 (8 years of anticipated lifespan) Solar Charge Controller: MPPT  
Charging Time: 5-6 hours

Control Mode: D2D (Dusk to Dawn) / STD (Step Dimming with Motion Sensor Override / TC (Time Control)

Operating Hours: >3 days  
Operating Temperature: -10°C to 50°C Mounting Option: Side-entry - Ø60mm

Post-top - Ø60mm Mounting Height: 3-8m

Color Temperature: Neutral White 4000K (Others available on request)

† Calculations are done with the 3 hours of Peak Sun Hour

\*

Calculations are done with 12 hours of operation per day, detection of movement is 5 times per hour

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