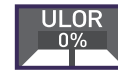


All-in-one Solar Street Lantern



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.



Integrated Mono-Si solar panel with 25 years of anticipated lifespan



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



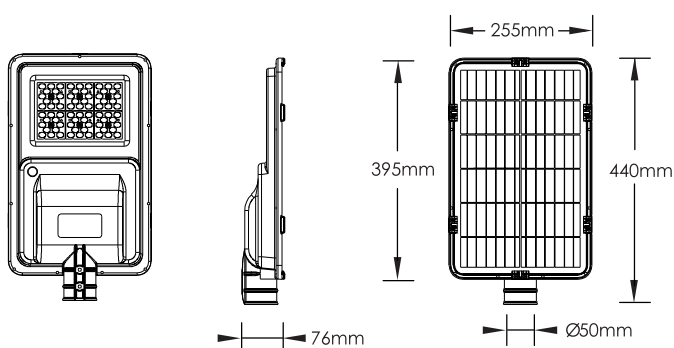
Multiple lumen packages with long operational working hours

Product information

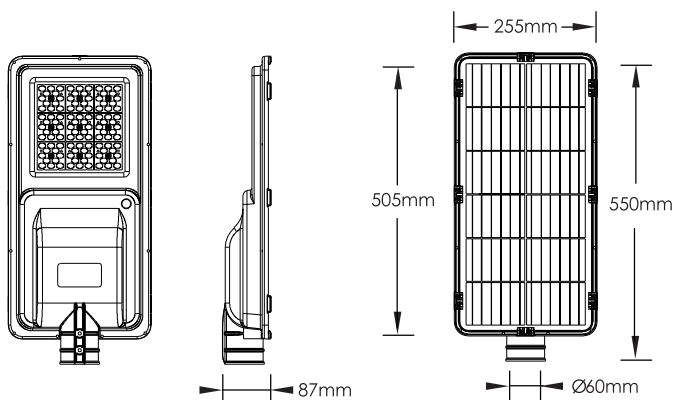
Durable with rated life span L70>50,000 hours / Mono-Si solar panel / LiFePO4 battery / No UV or IR emissions / UKCA, CE & RoHS international standards / Environmentally friendly & part recyclable: no mercury or other hazardous materials used / Heavy duty die-cast aluminium housing & 4mm impact proof tempered glass / Complies with EN60598

| Code | Nominal Size | Power Consumption | Lumen Output Maximum | Battery Type | Nett Weigh | Windage |
|---------------|----------------------|-------------------|----------------------|----------------|------------|--------------------|
| LSTSOLAR1-012 | 440mm x 225mm x 76mm | 12W | 2,160lm | LiFePO4 68.2Wh | 2.50kg | 0.10m ² |
| LSTSOLAR1-018 | 550mm x 225mm x 87mm | 18W | 3,240lm | LiFePO4 88.2Wh | 3.16kg | 0.13m ² |

Dimensions and mounting



LSTSOLAR1-012



LSTSOLAR1-018

Technical Specification

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)
 Operating Temperature: 0°C to 40°C
 Operating Hours: 20-24 hours (6 hours daily charge)
 Mounting Option: Side-entry - Ø50mm/60mm
 Post-top - Ø76mm (with accessory)
 Mounting Height: 3-6m
 Color Temperature: Neutral White 4000K
 (Others available on request)

Applications:



Car Parks



Railway Stations & Metros



Bridges



Urban & Residential Streets

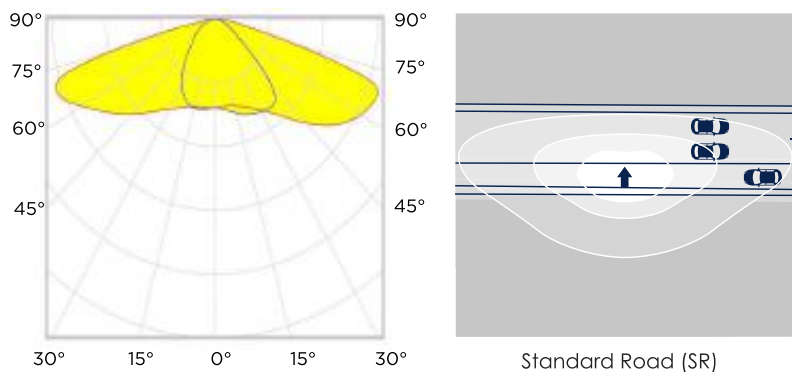


Bike & Pedestrian Paths



Squares & Pedestrian Areas

Photometric distribution



Benefits -

- Ideal for use in the remote areas where mains power is not available

Key Features -

- Truly green lighting solution and 100% energy savings
- Long anticipated lifespan of Mono-Si solar panel and LiFePO4 battery
- Robust design for maintained performance over time
- Quik and easy installation without making electrical connections
- High performance lighting with optimised light distributions designed for exterior areas