

S6

SOLAR STREETLIGHT



FEATURES

- Easy and simple to maintain at frontal side.
- Beside the main lighting, the special ambient light decorates surroundings.
- Integrated high pressure aluminium alloy casting housing, with thickened design, which has better heat dissipation and anti-corrosion ability, and longer life span. strengthened structure can withstand 4 times of its gravity simply.
- Microwave sensor and time control is optional.
- Horizontal/vertical and wall mounted installation is possible.
- The structure around the light emitting surface is optically treated to effectively control the glare and upward light leakage, which minimized light pollution and protected environment.
- IP 66, IK08

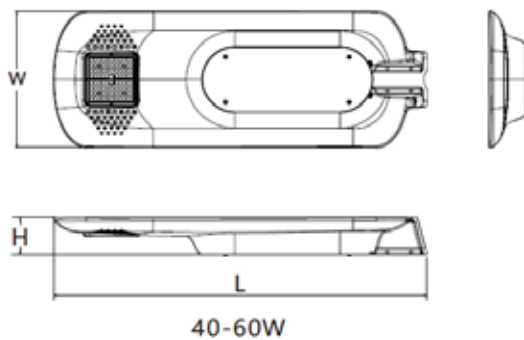
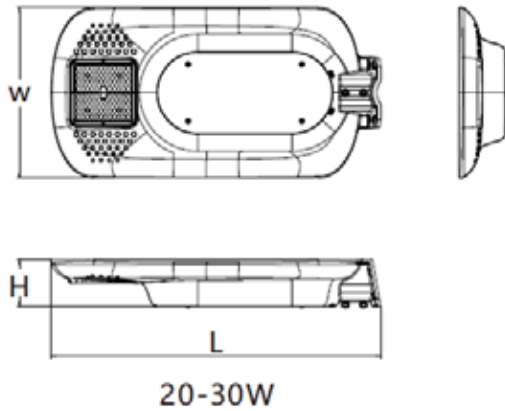


APPLICATION

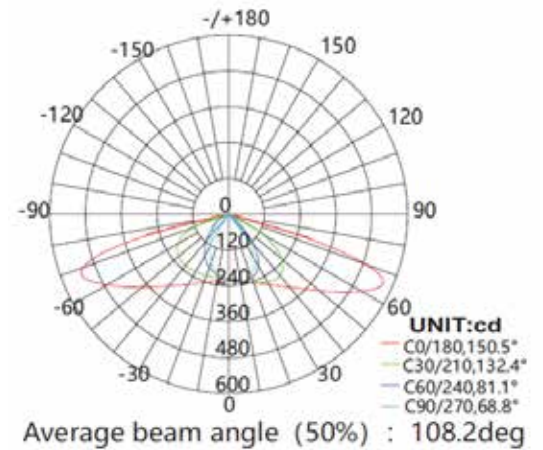
Outdoor garden, park lighting, security light & driveway.

PRODUCT DIMENSION

*Typical Dimension (mm)



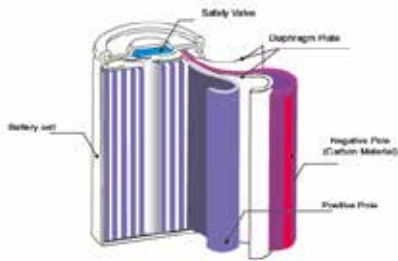
PHOTOMETRIC DATA



| Model | S06-020 | S06-030 | S06-040 | S06-050 | S06-060 |
|------------------------------------|-----------------|------------|------------------|------------|------------|
| Power Consumption(W) | 10.6 | 15.9 | 21.2 | 27.5 | 34.8 |
| Luminaire Flux ± 5% (lm) | 2000 | 3000 | 4000 | 5000 | 6000 |
| Beam Angle | 120° | | | | |
| Color rendering index | ≥70 | | | | |
| LED Quantity | 40 | 64 | 88 | 88 | 88 |
| Battery Capacity | 154 | 230 | 230 | 307 | 384 |
| Fixture Dimension (mm) (L)x(W)x(H) | 660 x 342x93 | | 940 x 34 x 93 | | |
| Panel Size (mm) (L)x(W) | 1310 x 340 | 1460 x 510 | 1500 x 650 | 1590 x 650 | 1830 x 650 |
| Fixture Carton Size (L)x(W)x(H) | 745 x 415 x 145 | | 1025 x 415 x 145 | | |
| Net Weight (kg) | 7.20 | 8.00 | 12.20 | 13.00 | 13.80 |
| CMB(m ²) | 0.225 | | 0.321 | | |

Note: Battery capacity was based without ambient light.

ADVANTAGES

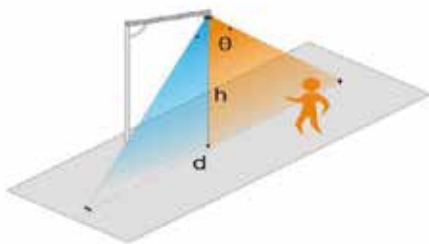


A level auto battery cell, with 800 cycles later, capacity 80% remaining.



Improved BMS battery management, with overcharge, over-discharge, short circuit, high temperature and other protection technologies, to adjust output power intelligently as per battery capacity and extend lighting time. NTC high temperature protection make it safer in battery pack working.

DETECTABLE AREA



| Sensor Type | Ø(angle) | h(height) | d(Width) |
|-------------------|----------|-----------|----------|
| Infrared Sensor | 60° | 4-6m | 4-7m |
| Microwave Sensors | 110° | 4-8m | 5-10m |

FIXTURE/HOUSING

- Housing: Aluminium alloy
- Battery : LifePO4 2000 cycle
- Optical PC len

OPTIONAL ACCESSORIES

- CCTV
- AC input power supply
- SMART control