

S5

SOLAR STREETLIGHT



FEATURES

- The surface treatment of the lamps adopts the double thickening spray high-temperature outdoor powder process to strengthen salt spray resistance, and the whole system is equipped with stainless steel screws.
- Able to incorporate AC input.
- Adjustable angle.
- 2000 cycles of battery life.
- High & Low temperature protection circuit for battery.

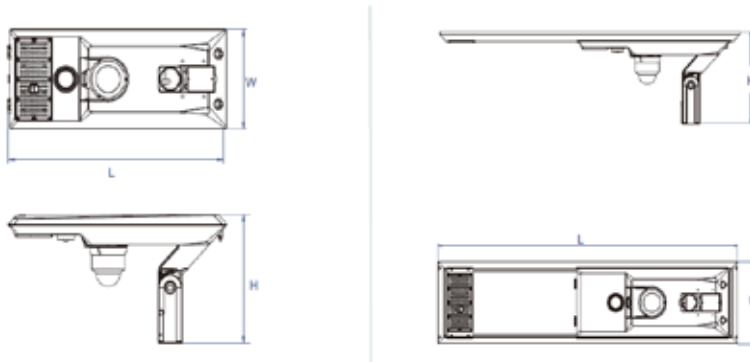
APPLICATION

Outdoor garden, park lighting, security light & driveway.



PRODUCT DIMENSION

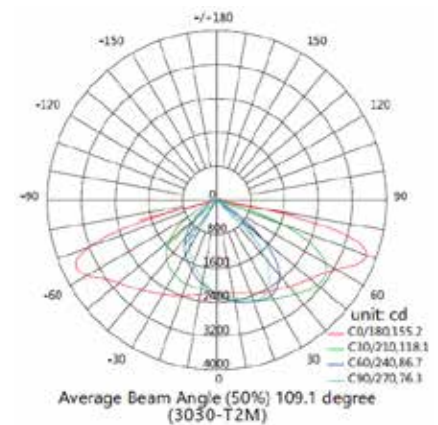
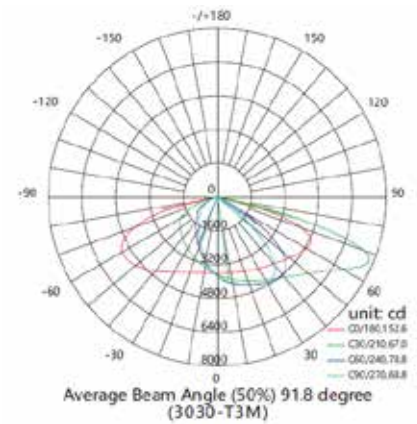
*Typical Dimension (mm)



Model	L(mm)	W(mm)	H(mm)
ELSS5A-22W	757.5	342	387
ELSS5A-34W	1109	346	392
ELSS5A-45W	1471	346	392
ELSS5A-70W	1456	500	392



PHOTOMETRIC DATA



Model No.	ELSS5A -22W-040	ELSS5A -34W-060	ELSS5A -46W-080	ELSS5A -61W-120
Power Consumption (W)	22	34	46	61
Luminaire Flux ± 5%(lm) 3000K	4,000	6,000	8,000	10,000
Mono PV Panel (W)	45	67	90	110
Li(NiCoMn)02 (Wh)	244	377	488	622
LiFePO4 (Wh)	230	384	499	614
Charging Time	<6hrs			
Discharge Time	3 days, 12hrs/day (intelligent mode less than 200 times/day) + 4days low brightness			
Control	Motion/PIR Sensor + light control + low battery light dimming			
CCT (K)	Warm White: 3000, Cool White: 4000, Day Light: 5000 CRI>70			
LENS	T2M (130° x 45°) T3M (140° x 30°), Anti-UV			
Operating Temperature	-10~55° C			
Storage Temperature	-20~65° C			

Note: The above specified lumen and system subject to changes without prior notice.

Also available colour temperature upon request: 4000K & 5000K

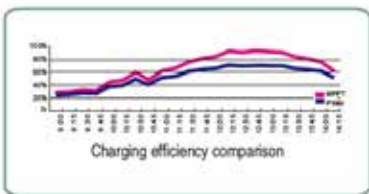
ADVANTAGES



Integrated Die-casting cavity, Tool-free access

Integrated Die-casting cavity, Tool-free access

The integrated die-casting molding structure & make it louder to install & maintain. Adjustable angle & vertical/horizontal installing available.



MPPT charging technology (optional)

MPPT Controller maximize power at the battery board which improves the energy utilization ratio by 15%-20% compared with the ordinary controller.



New generation LEDs

New Generation LEDs

New generation bright SMD, combined with integrated lens & lower current, which increased lumen flux by 10% & decreased light attenuation.



Battery

High Energy density A-level batteries, combined with new protection planes & temperature control protection, which are safer & of longer cycling life.



Secondary optical design

Secondary optical design

Specially for solar street light, which maximally balancing uniformity and illumination, while decreasing dispersion & reducing the color reproduction.



Solar Panel

Top quality monocrystalline silicon water, while improving packaging materials & technology, upgraded light transmittance, anti-aging performance & power generation capacity.

CERTIFICATION & COMPLIANCE TEST

- : CB, CE, ROHS, FCC, IK10
- : 17 Level Wind Force Test
- : IP66

FIXTURE/HOUSING

- Housing: ADC 12 Aluminum, Stainless Steel
- Battery : LifePO4 2000 cycle
- Optical PC len
- Taiwan made Mono Crystalline panel
- Lexon 3030 2D

OPTIONAL ACCESSORIES

- CCTV
- AC input power supply
- SMART control