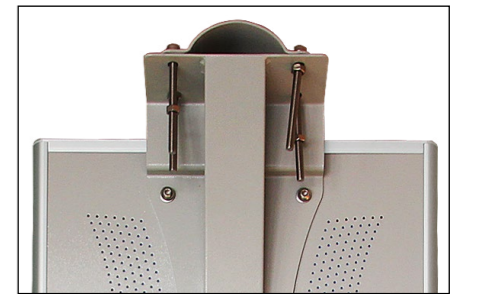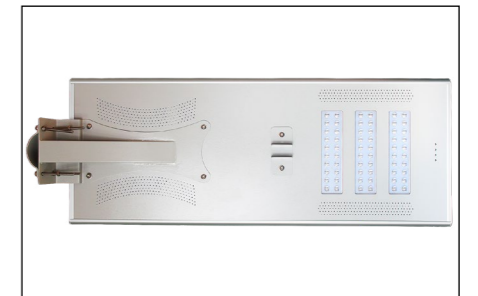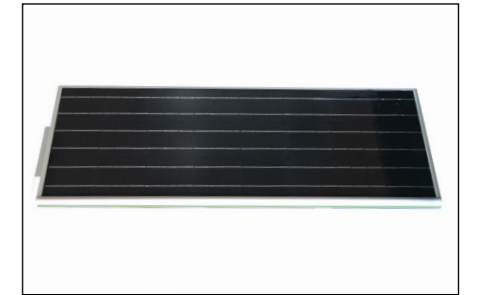# SS

SERIES INTEGRATED
SOLAR LED STREET LIGHT

PRODUCT DESPCRIPTION:

LUXMAN SS Series Solar Street Light is the first generation of revolutionary product combining solar and LED technology. The utilization of LED technology enables it to maximize all the solar energy and illuminate the environment with radiant light. Built-in sensitive night sensor and presence sensor that automatically regulates the light output brightness depending upon detection of presence around the light to preserve battery power.

FEATURES:

* Integrated Design.

* The main components inside a modular sealed design, with high reliability and friendly maintenance.

* Free wiring, 0 electricity, convenient installation.

* High efficiency silicon solar panel.

* High capacity and long life lithium battery.

* Efficiency is improved by 16%-30%. With infrared sensor function, it is powered to 100% when people deteced without people detected power changes to 30%.

APPLICATION:

Farm & garden, Island, Square & campus, Pathway & bridge, Parking lot, Mining lot Construction site,urban area, Natural disaster-prone areas (like earthquake areas) etc.

Lights up 12 hours a night, supports 7 rainy days, 365 days without lights off.

The intelligent control system scientifically calculates the lighting output according to the weather and battery capacity to ensure the lighting time, which can realize the lighting up throughout the whole year.

Real-time working condition monitoring. Easy for maintenance.

Three different display lights show the real-time working status of the solar panels, batteries, and light sources, making it easy to maintain.

Launched in 2013, sales of 150,000 units +.

The LUXMAN SS series product is a product that has been sold and installed for many years. The quality of the product has been well tested well in the market.

7*24 hours After-sales service response

Each batch of LUXMAN goods has passed the internal standard testing and third-party professional testing before flowing into the consumption channel. It is our goal to control the after-sales to the lowest level. At the same time, LUXMAN provides each customer with prompt and effective after-sales service.

Specification

PICTURE										
Model No.	LX-LD5W-SS	LX-LD12W-SS	LX-LD20W-SS	LX-LD25W-SS	LX-LD30W-SS	LX-LD40W-SS	LX-LD50W-SS	LX-LD60W-SS	LX-LD80W-SS	LX-LD100W-SS
LED Power	5W LED LAMP	12W LED LAMP	20W LED LAMP	25W LED LAMP	30W LED LAMP	40W LED LAMP	50W LED LAMP	60W LED LAMP	80W LED LAMP	100W LED LAMP
Lumen Efficiency	100-110LM/W	100-110LM/W	100-110LM/W	100-110LM/W	100-110LM/W	100-110LM/W	100-110LM/W	100-110LM/W	100-110LM/W	100-110LM/W
System Lumens	500-550 lm	1200-1320 lm	2000-2200 lm	2750-3000 lm	3000-3300 lm	4000-4400 lm	5000-5500 lm	6000-6600 lm	8000-8800 lm	10000-11000 lm
Colour Temperature	2700-6500K Optional	2700-6500K Optional	3000K - 6000K	2700-6500K Optional	3000K - 6000K	3000K - 6000K	3000K - 5700K	3000K - 5700K	3000K - 5700K	3000K - 5700K
Battery Spec.	DC6.4V 6AH	DC12.8V 6AH	DC12.8V 14AH	DC12.8V 18AH	DC12.8V 21AH	DC12.8V 25AH	DC12.8V 33AH	DC12.8V 32AH	DC12.8V 42AH	DC12.8V 45AH
Solar panel Spec.	18V 12W Monocrystal	18V 20W Monocrystal	18V 50W Monocrystal	18V 45W Monocrystal	18V 60W Monocrystal	18V 60W Monocrystal	18V 80W Monocrystal	18V 90W Monocrystal	33V 110W Monocrystal	18V 130W Monocrystal
Charging time (full sunshine)	5-6H	8H	8H	8H	8H	8H	8H	8H	8H	8H
Operation rainy days (After fully charged)	Support 3-5 raining days	Support 3-5 raining days	Support 5-7 raining days	Support 5-7 raining days	Support 5-7 raining days	Support 5-7 raining days	Support 5-7 raining days	Support 5-7 raining days	Support 5-7 raining days	Support 5-7 raining days
Install height	2-3M	3-4M	5-6M	6-7M	6-7M	7-8M	8-10M	8-10M	10-12M	10-12M
Product dimension L*W*H	326*241*60 mm	505*295*70 mm	920*295*140 mm	940*305*140 mm	1136*295*135 mm	1136*295*135 mm	1136*420*144 mm	1136*420*144 mm	1300*420*144 mm	1469*420*144 mm
Carton box dimension L*W*H	395*345*120 mm	570*350*135 mm	940*350*210 mm	1000*390*220 mm	1190*360*220 mm	1190*360*220 mm	1190*490*220 mm	1190*490*220 mm	1400*520*220mm	1530*520*220 mm
Net weight	2.50kg	4.30kg	7.90kg	10.50kg	12.70kg	13.00kg	16.70kg	17.00kg	19.30kg	29.80kg
Gross weight	3.0kg	5.50kg	9.60kg	12.00kg	15.00kg	15.30kg	18.00kg	20.00kg	21.80kg	30.80kg

Material & Operation conditions

LED Brand	Bridgelux	Optical	120°	Certificates
Control Type	Remote control	Control Options	PIR Sensor/Time Control	CE,FCC,ROHS
Battery Type	LifePO4 battery	Body material	Aluminum Alloy	
Solar Panel Type	Monocrystal	Finish	Powder coating	
Operation Temperature	-20℃ to +50℃	Pole Fitter Diameter	φ48-φ76mm	
IP Rating	IP65	Mounting Type	Bracket type	