



الصدارة alsadara

Smart Solar Street Light Design Proposal



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1



2

SOLAR PANEL

Lighting

BATTERY

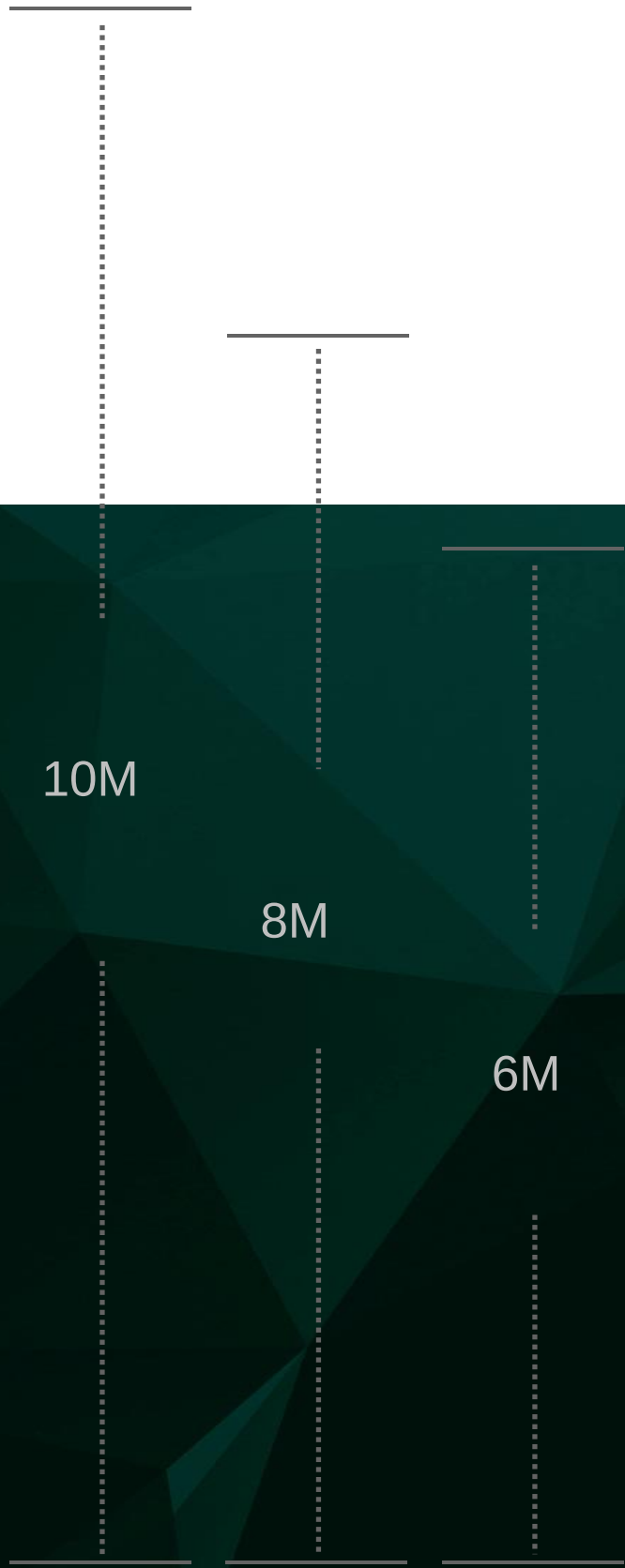
φ89mm

monitor

AP

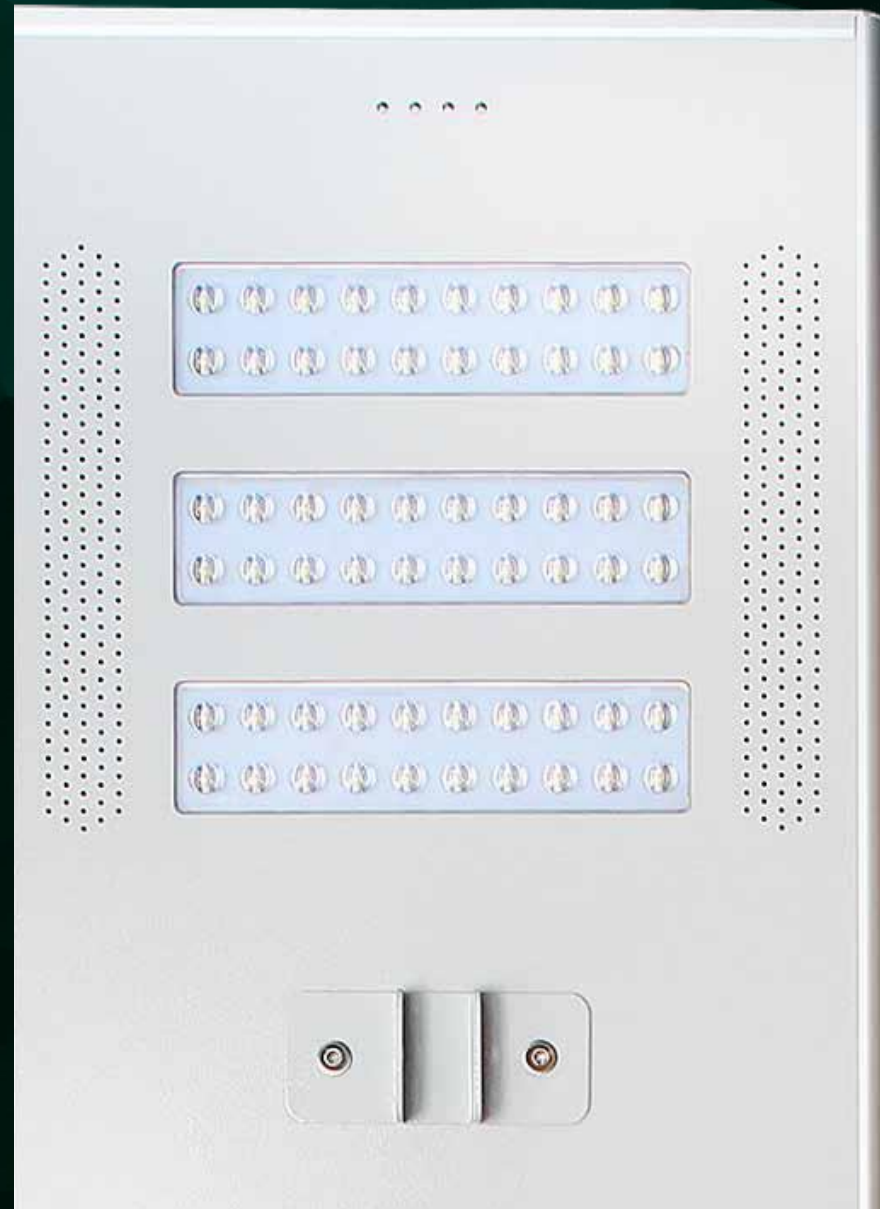
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SS

SERIES INTEGRATED
SOLAR LED STREET LIGHT



PRODUCT DESCRIPTION:

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 detected 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.

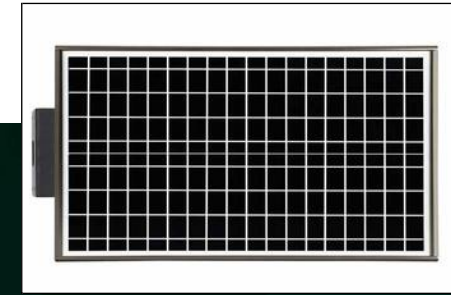
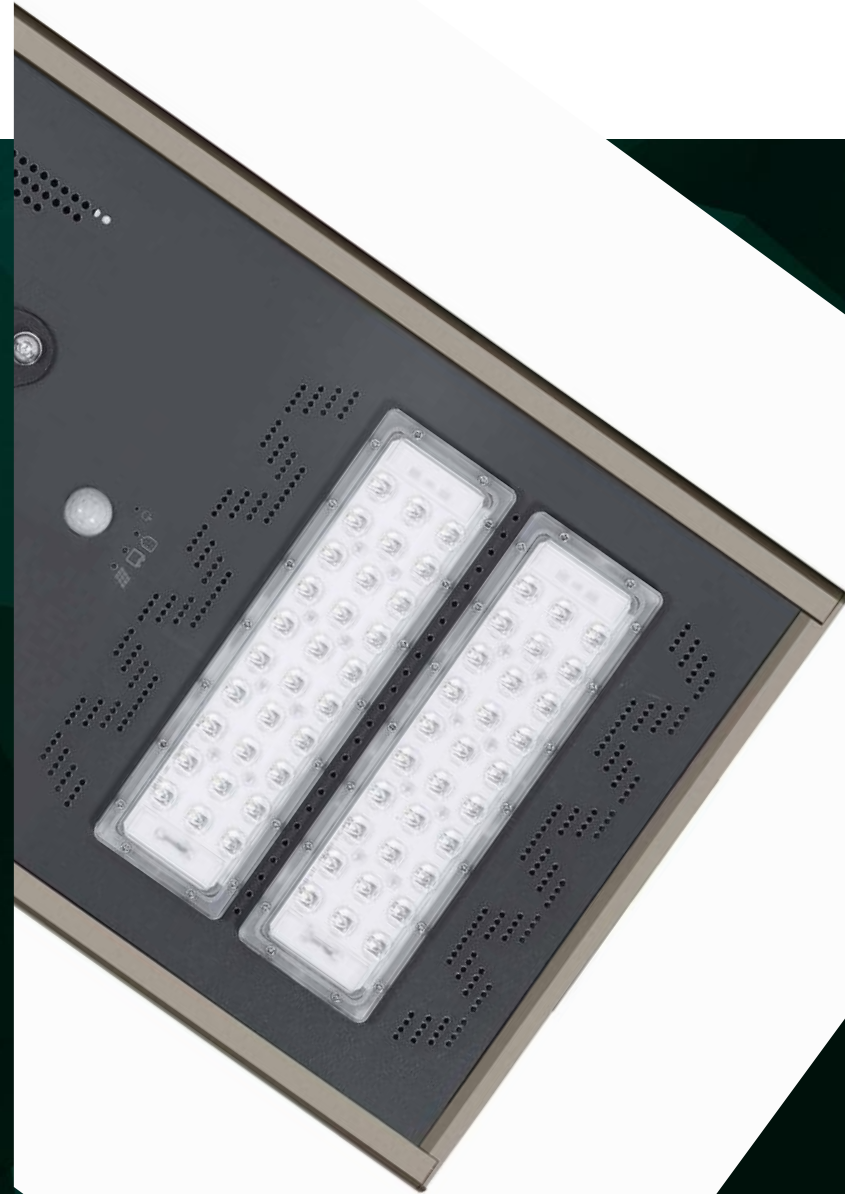
Specification

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 18V 12W	DC12.8V 6AH 18V 20W	DC12.8V 14AH 18V 50W	DC12.8V 18AH 18V 45W	DC12.8V 21AH	DC12.8V 25AH	DC12.8V 33AH	DC12.8V 32AH	DC12.8V 42AH	DC12.8V 45AH
Solar panel Spec.	Monocrystal	Monocrystal	Monocrystal	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*220 mm	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 Control	Bridgelux	Optical Control	120° PIR Sensor/Time	Certificates	
Type Battery Type Solar	Remote control	Options Body	Control Aluminum Alloy	CE,FCC,ROHS	
Panel Type Operation	LifePO4 battery	material Finish Pole	Powder coating φ48-		
Temperature IP Rating	Monocrystal - 20°C to +50°C	Fitter Diameter	φ76mm Bracket type		
	IP65	Mounting Type			

S2

SERIES INTEGRATED SOLAR LED STREET LIGHT



PRODUCT DESCRIPTION:

The S2 series Solar Street Light is LUXMAN's 2nd generation 'All in One' solar LED lighting system that improved from our past years manufacturing experience and market feedback. S2 Series LED Solar Street Light adopted smooth aluminium alloy material, which is solid and durable. The surface is treated by special spraying paint, and the metal feeling is super strong. At the same time, independent battery waterproof box is adopted. The waterproof level of the whole lamp is as high as IP65. Three lighting modes are used to adapt to various application environments.

FEATURES:

* Available in wall mount and pole mount. * 15° 30°45° adjustable mounting base optional. * Three kinds of lighting mode are selectable * according to the different installation * environment. * Three indicators for monitoring working status. * Remote control included. * Designed waterproof battery box.

APPLICATION:

Farm & garden, Island, Square & campus, Pathway & bridge, Parking lot, Construction site, Natural disaster-prone areas (like earthquake areas), Rural & Remote Area Lighting 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 indicator lights show the real-time working status of the solar panels, batteries, and light sources, making it easy to maintain.



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.



Remote control

The switch of the luminaire can be controlled by a remote control and the user can set the illumination mode and illumination time.



Launched in 2016, sales of 80,000 units +.

The LUXMAN S2 series product is developed on the basis of the actual installation and market feedback over the past years' experience. This product is designed for the engineering channel and is highly praised by the engineering customers.

Specification

PICTURE								
Model No.	LX-LD20W-S2	LX-LD30W-S2	LX-LD40W-S2	LX-LD50W-S2	LX-LD60W-S2	LX-LD70W-S2	LX-LD80W-S2	LX-LD100W-S2
LED Power	20W	30W	40W	50W	60W	70W	80W	100W
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
System Lumens	2000 - 2200 lm	3000 - 3300 lm	4000 - 4400 lm	5000 - 5500 lm	6000 - 6600 lm	7000 - 7700 lm	8000 - 8800 lm	10000 - 11000 lm
Colour Temperatur	3000K - 6000K	3000K - 6000K	3000K - 6000K	3000K - 6000K	3000K - 6000K	3000K - 6000K	3000K - 6000K	3000K - 6000K
Battery Spec.	DC12.8V 9AH	DC12.8V	DC12.8V	DC12.8V	DC12.8V	DC12.8V 24AH	DC12.8V 27AH	DC12.8V 30AH
Solar panel Spec.	18V 25W Polycrystal	12AH 18V 30W Polycrystal	15AH 18V 36W Polycrystal	18AH 18V 40W Polycrystal	21AH 18V 45W Polycrystal	18V 55W Polycrystal	18V 60W Polycrystal	72W Polycrystal
Charging time (full sunshine)	8H	8H	8H	8H	8H	8H	8H	8H
Operation rainy days (After fully charged)	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	5-6M	6-7M	7-8M	7-8M	7-8M	8-9M	8-9M	10-
Product dimension L*W*H	536*355*70 mm	605*355*70 mm	700*355*14 mm	834*355*15 mm	834*355*15 mm	1050*355*15 mm	1050*355*15 mm	1240*350*15 mm
Carton box dimension L*W*H	596*424*15 mm	674*424*15 mm	784*430*23 mm	890*406*22 mm	890*406*22 mm	1110*406*22 mm	1110*406*22 mm	1260*420*22 mm
Net weight	5.90k g	7.20k g	9.10k g	11.70k g	11.60k g	13.20k g	13.20k g	14.30k g
Gross weight	7.10k g	8.20k g	11.00k g	12.65k g	12.95k g	15.10k g	15.10k g	17.00k g

Material & Operation conditions				
LED Brand Control Type	Bridgelux	Optical Control	70*140 °	PIR Sensor/Timer Cer tificates
Battery Type Solar	Remote control	Options Body	Control/Mixed Mode Aluminum alloy	CE,FCC,ROHS
Panel Type Operation	LifePO4 battery	material Finish Pole	Powder coating φ76-φ100mm Bracket,	
Temperature IP Rating	Polycrystal -	Fitter Diameter	Adjustable Bracket	
	20°C to +50°C	Mounting Type		
	IP65			

S3

SERIES INTEGRATED SOLAR LED STREET LIGHT



PRODUCT DESCRIPTION:

The new S3 Series is LUXMAN s' 3rd generation 'All in One' solar LED lighting system. All aluminum alloy design with sandblasting oxidation treatment adopted. The S3 Series comes with remote control to select among the preset PIR, Timer or PIR + Timer options. The S3 series possess advanced optical design, enhanced solar panel capabilities with improved design to separately access to LED panel, IP66 water proof battery box and intelligent controller to make it very effective and quick to implement lighting solutions. This robust stand-alone solution is designed for a sustainable future in both residential areas and urban areas.

FEATURES:

* Module Controller Design and One Step Pull-out Battery Pack, easy to maintain. * Vertical sleeve bracket design, easy to install. * Remote control included. * Three kinds of lighting mode selectable * according to the different installation * environment. * Detachable window design for battery box * and intelligent controller

APPLICATION:

Residential areas, Island, Square, Garden, Pathway, Campus, Car Park, Building, Industrial Zone, 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 and modular in design. 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.



Easy to maintain. The one-step pull-out battery pack modular design and modular controller design make it easy to maintain and replace after installation.



High light efficiency. The maximum light efficiency of the S3 series can reach up to 160 Lm/W, which makes the energy conversion more efficient.



Remote control
The switch of the luminaire can be controlled by a remote control and the user can set the illumination mode and illumination time.



Adjustable mounting bracket
The S3 series is available with sleeve brackets, hoop brackets and 0-72° adjustable brackets for maximum installation flexibility.



Launched in 2016, sales of 60,000 units +. The LUXMAN S3 series product is developed on the basis of actual installation and market feedback over the past years' experience. This product is designed for engineering and commercial channels, and is highly praised by engineering customers and channel customers.



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

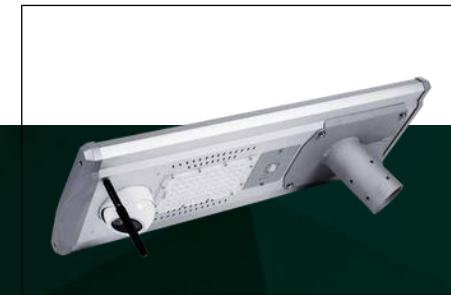
PICTURE						
Model No.	LX-LD20W-S3	LX-LD30W-S3	LX-LD40W-S3	LX-LD50W-S3	LX-LD60W-S3	LX-LD80W-S3
LED Power	20W LED LAMP	30W LED LAMP	40W LED LAMP	50W LED LAMP	60W LED LAMP	80W LED LAMP
Lumen Efficiency	120LM/W	120LM/W	120LM/W	120LM/W	120LM/W	120LM/W
System Lumens	2400l m	3600l m	4800l m	6000l m	7200l m	9600l m
Colour Temperatur	3000K - 6000K	3000K - 6000K	3000K - 6000K	3000K - 6000K	3000K - 6000K	3000K - 6000K
Battery Spec.	DC 12.8V 10.5AH	DC12.8V 14AH	DC12.8V 17.5AH	DC12.8V 21AH	DC12.8V 24.5AH	DC12.8V 28AH
Solar panel Spec.	18V 35W Polycrystal	18V 43W Polycrystal	18V 50W Polycrystal	18V 60W Polycrystal	18V 68W Polycrystal	18V 78W Polycrystal
Charging time (full sunshine)	7-8H	7-8H	7-8H	7-8H	7-8H	7-8H
Operation rainy days (After fully charged)	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	5-6M	6-7M	6-8M	7-8 Meters	7-9M	8-
Product dimension L*W*H	724*315H20	L882*315*20	1031*315*2	1198*315*2	1356*315*20	1517 ^{10M} *315*20
Carton box dimension L*W*H	6 mm 830*420*15	6 mm 980*420*150	6 mm 1140*420*1	6 mm 1310*420*1	6 mm 1460*420*15	6 mm 1630*420*15
Net weight	8.0kg mm	9.0kg	12.50k mm	14.50k mm	14.90k mm	15.90k mm
Gross weight	9.70k	12.60k g	14.00k g	16.00k g	17.50k g	18.00k g

*160 lm/W product information on request.

Material & Operation conditions					
LED Brand	Control Type	Bridgelux	Optical Control	70*140° PIR Sensor/Time	Cer tificates
Battery Type	Solar	Remote control	Options Body	Control Aluminum Alloy	CE,FCC,ROHS
Panel Type	Operation	LifePO4 battery	material Finish Pole	Anodizing+Powder coating	
Temperature	IP Rating	Polycrystal -	Fitter Diameter	φ60-φ80MM Sleeve type	
		20°C to +50°C	Mounting Type		
		IP66			

S3C

SERIES INTEGRATED SOLAR LED STREET LIGHT



PRODUCT DESCRIPTION:

The S3 CAMERA Series is an upgraded solar LED lighting solution which combines with all the S3 Series features to add 24 hours of surveillance and security to a wide range of application like schools, offices, parking lots, industrial parks and other public or home places to provide safe monitoring and lighting environment. S3C Series also comes with Remote Control to select among the preset PIR, Timer or PIR+Timer options or a different configuration registered by the user.

FEATURES:

* Module Controller Design and One Step Pull- * out Battery Pack, both easy to maintain. * Vertical sleeve bracket design, easy to install. * Remote control included. * Three kinds of lighting modes are selectable * according to the different installation * environments. * Detachable window design for LED panel, * battery box and intelligent controller. * Real-time 24 hours of surveillance and security * monitoring from the mobile phone APP or a * computer.

APPLICATION:

Schools, Warehouse, Residential areas , Public & Industrial areas, Coastal Areas & Jetties, Car Parking areas, Security & Entrance areas, Construction Sites, Rural & Remote areas, Natural disaster-prone areas (like earthquake areas) etc.



Lights up 12 hours a night, 24 hours monitoring, 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 and modular in design. 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.



Equipped with webcam

Support local and remote operations, such as camera, video, timer recording, video / picture download and other functions, support Android, IOS devices, and WINDOWS system; WIFI version and 4G version optional, support 10-12 days of video / picture storage.



Adjustable mounting bracket

The S3C series is available with sleeve brackets, hoop brackets and 0-72° adjustable brackets for maximum installation flexibility.



Remote control

The switch of the luminaire can be controlled by a remote control and the user can set the illumination mode and illumination time.



Adjustable mounting bracket

The S3 series is available with sleeve brackets, hoop brackets and 0-72° adjustable brackets for maximum installation flexibility.



Launched in 2017, sales of 30,000 units +.

The LUXMAN S3C series product is developed on the basis of actual installation and market feedback over the past years' experience. This product is designed for engineering and commercial channels, and is highly praised by engineering customers and channel customers.



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-LD15W-S3C	LX-LD30W-S3C	LX-LD60W-S3C
LED Power	15W LED LAMP	30W LED LAMP	60W LED LAMP
Lumen Efficiency	120LM/W	120LM/W	120LM/W
System Lumens	1800lm	3600lm	7200lm
Colour Temperatur	3000K -	3000K -	3000K -
Battery Spec.	6000mAh 15W 12.8V 14AH Lithium Battery	6000mAh 30W 12.8V 21AH Lithium Battery	6000mAh 60W 12.8V 28AH Lithium Battery
Solar panel Spec.	18V 43W Polycrystal	18V 60W Polycrystal	18V 78W Polycrystal
Charging time (full sunshine)	7-8H	7-8H	7-8H
Operation rainy days (After fully charged)	Support 3-5 raining days	Support 3-5 raining days	Support 3-5 raining days
Install height	5-6M	6-7M	7-9M
Product dimension L*W*H	882*315*206mm	1198*315*206mm	1514*315*206mm
Carton box dimension L*W*H	990*420*180mm	1320*420*180mm	1620*420*180mm
Net weight	11.0kg	13.00kg	14.50kg
Gross weight	13.0kg	14.50kg	16.00kg

Camera function

1, Supports double simultaneous monitoring. 2, Supports operation from mobile phone. 3, Supports 6 users monitoring the IP Camera at the same time. 4, Build-in WEB SERVER, supports parameter setting from browsers, use one port for data transmitting making it easy for users to configure network settings. 5, Support 802.11b/g/n protocol, can be built-in wifi module, flexible forming wireless monitoring environment. 6, Supports four regional Motion Detection and alarm linkage call presets. 7, Camera Pixel: one million pixel.

Camera storage

Default with 32G TF card, supports 128G TF card.

Camera Video Compression

Adopts H.264 Main profile and Baseline Profile compression algorithms, so image is clearer, less code flow, easier for network transmission, and saving storage space.



Material & Operation conditions

LED Brand	Control Type	Bridgelux	Optical Control	70°*140° PIR Sensor/Time	Certificates
Battery Type	Solar	Remote control / APP control	Options Body	Control Aluminum Alloy	CE,FCC,ROHS
Panel Type	Operation	LifePO4 battery	material Finish Pole	Anodizing+Powder coating	
Temperature	IP Rating	Polycrystal -20°C to +50°C	Fitter Diameter	φ60-φ80MM Sleeve type	
			Mounting Type		
			IP65		

SF

SERIES INTEGRATED
SOLAR LED STREET LIGHT



PRODUCT DESCRIPTION:

The SF series is LUXMAN's adjustable split solar LED lighting solution. It's a new revolutionary product combining solar and LED technology with 100% solar powered self-sustained all in one designed for quick installation and free of maintenance. The SF series is the best solution for areas requesting energy saving and areas with insufficient electricity supply but with good climatology, like remote rural places. Management of ON/OFF, working status, lighting mode, trouble shooting etc. on mobile APP is available.

FEATURES:

* 100% solar powered & self-sustained. * Semi-split & compact designed everything in * one fixture. * PIR presence sensing, TIMER, working days * optional on mobile APP. * Adjustable solar panel 360° horizontally X * 240° in vertically to get more sunshine. * Self-sustained comes to 5-7 raining & cloudy * days after one time full charge. * Simple & easy installation, free of maintenance * after installation.

APPLICATION:

Speed High Way & Street, Home & Garden, Farm & Building, Parking, Construction Site, Mining & Industrial Sites, Natural disaster-prone areas (like earthquake areas).



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. Scientific and reasonable configuration design ensures 24-hour stable monitoring status.



Mobile APP intelligent control, real-time working status remote monitoring, easy to maintain. It can control the switch of the luminaire from the mobile phone, monitor the working status of the luminaire and key components, adjust the work and lighting mode and facilitate the later maintenance.



360° in horizontally X 240° vertically adjustable solar panels, adapt to different latitude and longitude installation sites.



Launched in 2017, sales of 50,000 units +. The LUXMAN SF series product is a split solar street light designed for countries or regions where sunlight is not strong. The appearance of die-casting and molding, smooth lines and smooth metal texture bring out high-grade quality performance.



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-LD30W-SF	LX-LD40W-SF	LX-LD50W-SF	LX-LD60W-SF
LED Power	30W LED LAMP	40W LED LAMP	50W LED LAMP	60W LED LAMP
Lumen Efficiency	130-150LM/W	130-150LM/W	130-150LM/W	130-150LM/W
System Lumens	3900-4500 lm	5000-6000 lm	6500-7500lm	7800-9000lm
Colour Temperatur	3000K -	3000K -	3000K -	3000K -
Battery Spec.	6500K DC11.1V 24AH Lithium battery	6500K DC11.1V 28.8AH Lithium battery	6500K DC11.1V 33.6AH Lithium battery	6500K DC11.1V 38.4AH Lithium battery
Solar panel Spec.	18V 60W Monocrystal	18V 60W Monocrystal	18V 80W Monocrystal	18V 80W Monocrystal
Charging time (full sunshine)	6-8H	6-8H	6-8H	6-8H
Operation rainy days (After fully charged)	Max.power 6hrs;half power 12hrs	Max.power 6hrs;half power 12hrs	Max.power 6hrs;half power 12hrs	Max.power 6hrs;half power 12hrs
Install height	4-6M	5-7M	6-8M	7-9M
Light fixture dimension	640*260*250m	640*260*250m	640*260*250m	640*260*250m
Solar Panel Size	640*260*250m	690*330*320m	690*330*320m	690*330*320m
Solar panel carton dimension	825*565*75m	825*565*75m	800*720*75m	800*720*75m
Light fixture carton dimension	690*330*320m	11.0K G	11.30K G	8.70K G
Solar panel carton weight	7.10K G	7.10K G	8.70K G	8.70K G
Light fixture carton weight	10.7KG	11.0K G	11.30K G	11.60K G

Material & Operation conditions

LED Brand Control Type	Bridgelux Remote control	Optical Control	70*140° PIR Sensor/Time	Cer tificates
Battery Type Solar	/APP control Lithium Battery	Options Body	Control/Mixed mode Aluminum Alloy	CE,FCC,ROHS
Panel Type Operation	Monocrystal -30°C to +60°C	material Finish Pole	Metal powder coating φ48-φ76mm	
Temperature IP Rating	IP65	Fitter Diameter	Sleeve type	
		Mounting Type		



PROJECT PHOTOS

The cost of 'traditional grid' electricity continues to rise and as the 'system' gouges you, the consumer, we are seeing unprecedented demand for Solar Lighting & Power Solutions. We partner with businesses to customize innovative power and sustainability solutions that are informed by our years of experience as market leaders.

