

# 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 Temperature	3000K - 6500K	3000K - 6500K	3000K - 6500K	3000K - 6500K
Battery Spec.	DC11.1V 24AH Lithium battery	DC11.1V 28.8AH Lithium battery	DC11.1V 33.6AH Lithium battery	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			
Install height	4-6M	5-7M	6-8M	7-9M
Light fixture dimension	640*260*250mm	640*260*250mm	640*260*250mm	640*260*250mm
Solar Panel Size	640*260*250mm	690*330*320mm	690*330*320mm	690*330*320mm
Solar panel carton dimension	825*565*75mm	825*565*75mm	800*720*75mm	800*720*75mm
Light fixture carton dimension	690*330*320mm	11.0KG	11.30KG	8.70KG
Solar panel carton weight	7.10KG	7.10KG	8.70KG	8.70KG
Light fixture carton weight	10.7KG	11.0KG	11.30KG	11.60KG

Material & Operation conditions				
LED Brand	Bridgelux	Optical	70*140°	Certificates
Control Type	Remote control /APP control	Control Options	PIR Sensor/Time Control/Mixed mode	CE,FCC,ROHS
Battery Type	Lithium Battery	Body material	Aluminum Alloy	
Solar Panel Type	Monocrystal	Finish	Metal powder coating	
Operation Temperature	-30°C to +60°C	Pole Fitter Diameter	φ 48- φ 76mm	
IP Rating	IP65	Mounting Type	Sleeve type	