



APPLICATIONS

- Outdoor Lighting
- Channel Lighting
- Courtyard Lighting
- Farms
- Park Lights
- Roadway
- Rural Roads



50W



80W-100W



CONSTRUCTION

It adopts one-piece aluminum casing, imported high-efficiency light source, full power solar panel, anti-corrosion, waterproof and lightning protection.

INSTALLATION AND MOUNTING

A variety of installation ways, solar power supply, zero wiring.

ELECTRICAL

This product solar panel energy efficiency conversion rate of 18% or more, normal sunshine charging more than 8 hours, can supply 3-4 rainy days. Evening (12 hours per night). High temperature resistance 80 degrees, low temperature resistance minus 20 degrees.

CONTROLS

Fully automatic intelligent light control, time control, remote control function, charging during the day and automatically lighting at night.

CERTIFICATION AND WARRANTY

EMC, LVD, RoHS. 3-year limited warranty.



High efficient monocrystal solar panel



Green energy no need extra power



Smart auto-control



High bright LED source



High capacity li-ion battery for energy storage



ORDERING EXAMPLE: 022-SSL-50-40

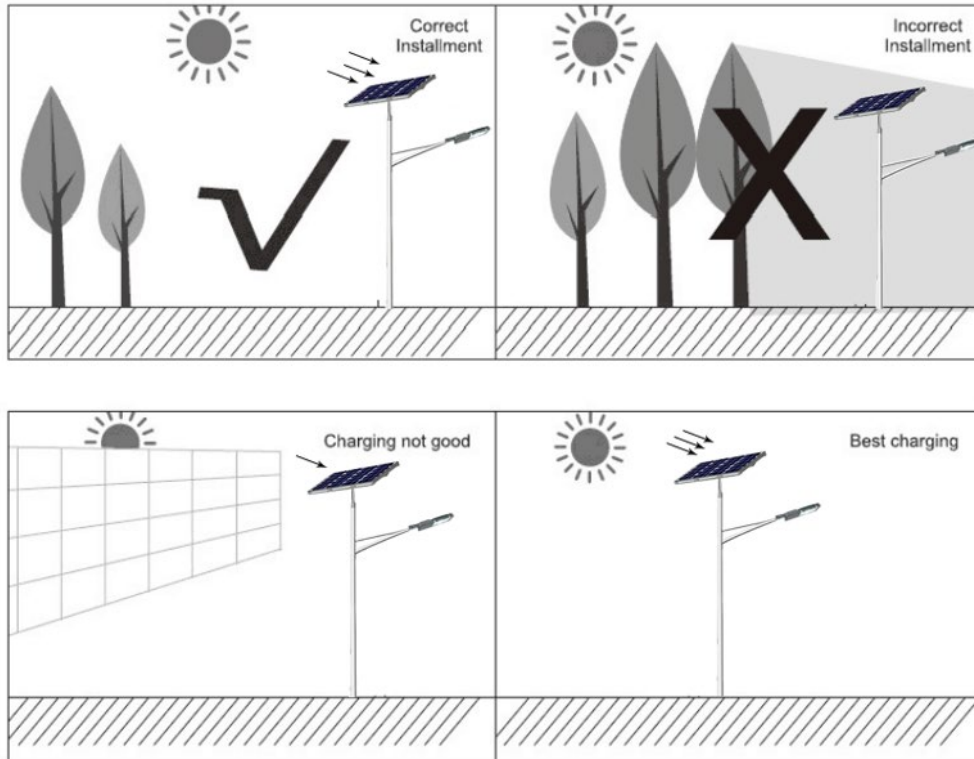
FORM FACTOR	WATTAGE	CCT	COLOR
022-SSL=Solar Street Luminaire	50=50W	40=4000K	[Blank]=Silver
	80=80W	50=5000K	
	100=100W		

TECHNICAL PARAMETERS

Fixture	SSL-50	SSL-80	SSL-100
Rated Wattage	60W	80W	100W
Solar Panel LED Chip	Max Power	18/40W (High-efficiency monocrystalline solar panel)	18/50W (High-efficiency monocrystalline solar panel)
	Lifespan	≤25 years	
Battery Product Size	Battery Model	Ternary LifePO4 Li-ion	Ternary LifePO4 Li-ion
	Lifespan	5-8 years	
LED Chips	Quantity	96pcs	144pcs
	Chip Brand	Philips SMD 3535	
	Lumen	150lm/W	
	Lifespan	50,000 hours	
Lamp Body Material	Aluminum alloy		
Lamp Size	615*365*160mm	720*365*160mm	930*365*160mm
Charging Time	6 hours of effective sun light		
Discharge Time	Light 10 to 12 hours every day, sustainable 3-7 rainy days		
Switching Mode	Time control, light sensor control, motion sensor control		
Install Distance	Install height: 5-6m Install horizontal spacing: 15-20m	Install height: 6-8m Install horizontal spacing: 15-20m	Install height: 6-8m Install horizontal spacing: 15-20m
Install Diameter	60mm		



INSTALLATION



MAINTENANCE

With proper maintenance of the solar photovoltaic panel, it has a potential life of almost 25 years. It is recommended that the panel surface is cleaned from any elements to maximize power generation. It is recommended that the LED light source is cleaned every 2-3 years.

The manufacturer recommends that if you are not using the built-in battery to place the lamp in the sunlight for charging.

The lamp controller is the essential part of the functioning of this luminaire and must be kept dry during installation. Do not press or dismantle the lamp controller to avoid functioning issues.