

# IST12 Solar Street Light Specification

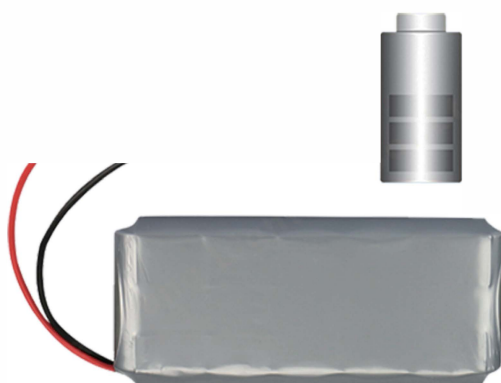


## PRODUCT DETAILS



### Lumileds LED Chips

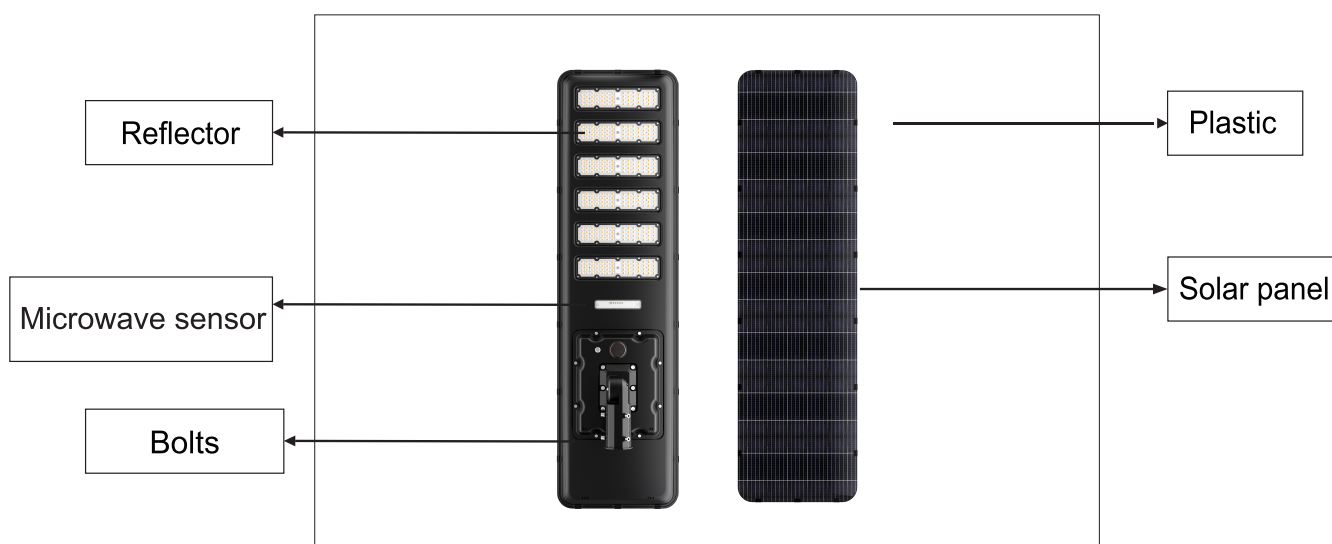
High brightness and light  
transmission  
Low light decay and  
long service life



### 32650 Battery

Large capacity, 5000mAh/battery  
Safe and high efficiency

## Diagram:



## Specification

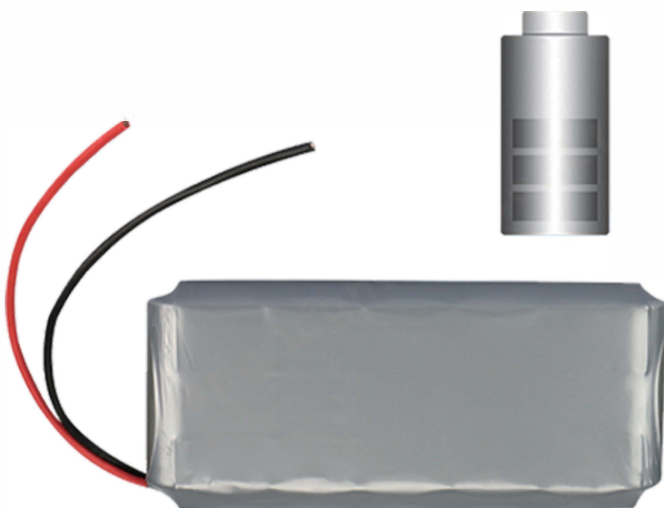
	Power	100W	200W	300W	400W	500W	600W
Lamp body	LED chip	SMD5054					
Battery	Capacity	3.2V15Ah	6.4 V 16 Ah	6.4V 24AH	9.6V 20AH	9.6V 28AH	12.8V 28AH
	Material	Aluminum					
Solar Panel	Power	6V 15W	12V 30W	12V 45W	17V 63W	17V 85W	21V 103W
	Material	Monocrystalline					
Color temp		2700-6500K					
CRI		>70					
Protection level(conform)		IP65					
Work temp		-10°C~+50°C					

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## Microwave sensor

Built-in Microwave sensor,  
fully bright when people come,  
slightly bright when leaving.



## Remote Control

Smart remote control  
multiple mode switching







## Solar Panel

Long lasting  
Up to 90%  
board end conversion rate  
Improve 21.7% power  
output efficiency



FOSHAN KAICHENG LIGHTING CO., LTD  
Add: No. 16 Xingye Xi Road, Shishan Town, Nanhai District, Foshan City, Guangdong Province  
[www.kcdlight.com](http://www.kcdlight.com)



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## Protection rating IP68

Multiple barrier seal design  
Rain-proof and dust-proof  
Easy to adapt to all kinds of weather



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## Important Safety Information

- Do not dispose of battery in fire. This may result in an explosion.
- Do not expose the light to fire or intense heat as the battery may explode.
- Do not immerse in water.
- Never look directly into the light or shine it into another person's eyes.
- Follow proper safety tips to prevent from falling off a ladder.
- Consult your local construction safety guide if needed for installing the light fixture on a building.

## Fixing instructions

- The light fixture should be installed on a flat and stable surface.
- Avoid installing the light near an air conditioner, a central heater, or high voltage system.
- The solar charger board should be set in a sunny area where maximum sunlight can be collected. Typically, the solar board should face a direction (south) where sunlight can charge the board for at least 3 hours per day (5 hours per day if behind glass). It is suggested to charge the light for 24 hours before first use.
- Use a soft wet cloth to periodically (at least once a year) clean the charger board to avoid the reduction of power output due to accumulated dust.

## Installation:



## Instruction for use:

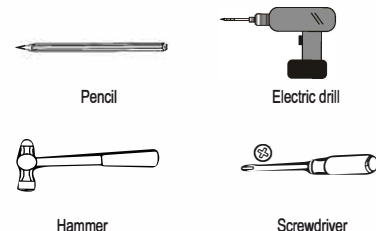
1. Press on/off switch, it works as PIR Sensor Mode: When somebody pass by it is full bright, when somebody leave it will dim to be 20% brightness in 7-9 seconds
2. Long press on/off switch to turn off the lamp

## Quick Setup Procedure

### Warning!

1. Please keep it away from the children.
2. This product can be installed for outdoor, but we suggest that against for the rain/storm & High lights.

**Note : Please bring the following tools**

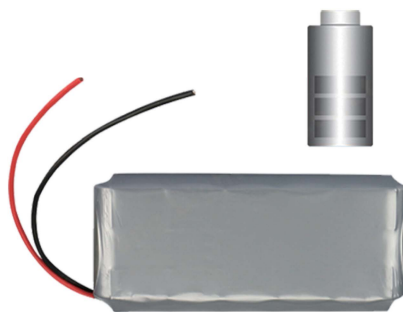


This product should be disposed of responsibly at the end of its life. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice (Waste Electrical and Electronic Equipment Directive)



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1. Before install the lamp on the pole or connect the DC connectors, please press on/off button on the lamp firstly to activate lamp and remote control.
2. To deactivate the lamp and remote control, please press the on/off button on the lamp, it will totally turn off. In this case, the solar panel can not get charged at day time.
3. If you turn off the lamp with the remote control, the lamp will flash 3 times then off. In this case, the solar panel can get energy at day time.
4. The lamp is equipped with an internal battery pack, which is replaceable. If any need, please contact seller for correct new battery pack.
5. How to replace battery?  
Please press on/off button on the lamp to turn it off firstly, then take out the battery and replace with new ones, after which please press on/off button on the lamp again and toward the solar panel to sunshine or a strong light to activate the lamp and remote control.
6. As this lamp is photosensitive, it will automatically light up at dusk.  
Please be aware that it will not light up during day time even it's turned on.
7. The working modes are with memory function.
8. Build-in intelligent IC with over-charge, over-discharge, over-temperature protection.
9. Please do not dispose the battery with household garbage to avoid explosion.
10. Non-professionals please do not disassemble the lamp.