



**SOLAR INTEGRATED LIGHTS**

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# LED STREET LIGHT

Our meticulous attention to the details is incomparable in the business of LED lights

## **Brief Introduction**

The innovative ALLIN-ONE solar street light, which integrates Solar PV panel, LED light and LiFePO4 battery into a complete product, including human intelligence induction system to achieve the solution of low energy, long time, high luminous flux and free maintenance, it is very useful and helpful for offgrid areas or those areas with unstable power supply. It is also convenient in installation.

## **All in one Design**

- Simple and convenient
- No wiring needed
- Easy transportation and installation
- Green energy



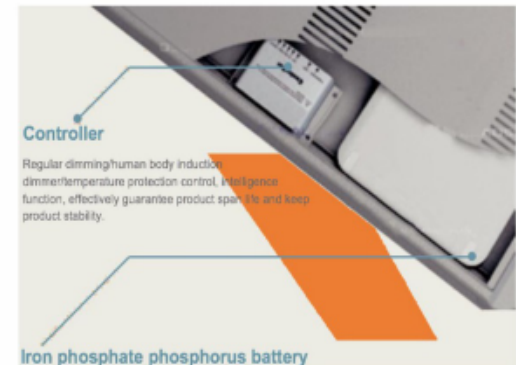
# ADVANTAGES

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## Superior Battery Management

Using LiFePO<sub>4</sub> battery, which more than 2000 cycles, it is 5 times cycle life then lead acid battery. Combine with unique battery management, it brings the solar street light more than 5 years lifespan. The wide range working temperature, especially in high temperature conditions makes the street light working in most extreme environment.

High energy intensity makes the products light weight, as well as special materials brings high safety performance, no fire, no explosion.



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## LED Chip

Superior Samsung LED package,  
LM80 standard,  
more than 50,000 hours. With advanced optical  
lens, light distribution is uniform



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## Solarpanel

Monocrystalline silicon solar panel, more than 20% conversion efficiency, in line with IEC61215 and electrical protection class II standards. Sealed waterproof, high reliability, and high light transmission glass.

Working temperature  $-40^{\circ}\text{C} \sim +90^{\circ}\text{C}$ , lifespan up to 20 years, less than 20% attenuation.



# ADVANTAGES

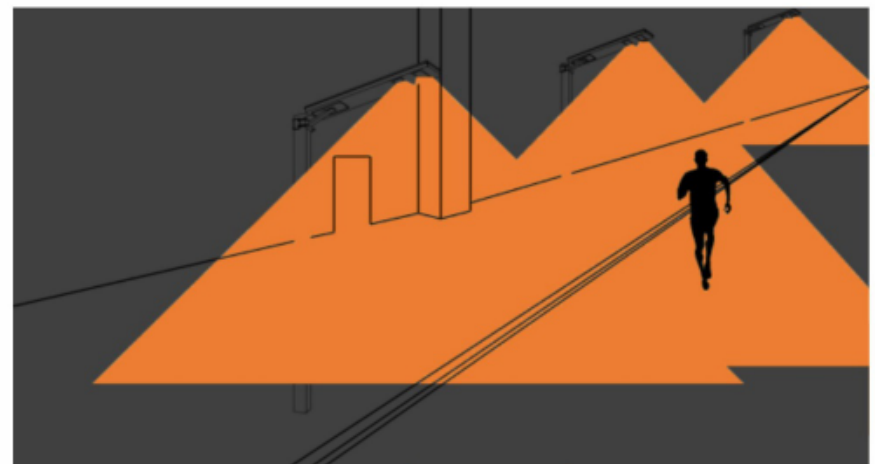
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## Intelligent Infrared Sensor Control

Using human body infrared induction control mode, sensing distance 5 - 8 meters, people come to light, brightness 100%, people leave after 10 seconds, lamp brightness 20-30%; total working hours 0-12 hours

## Waterproof & rust-proof

- Procurement of precision shell design, waterproof grade reached IP65.
- All aluminum body





# INSTALLATION

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- Place the light pole into the best spot with good sunshine.
- Open the package and check whether all parts are complete.
- Unfold the knob of fuse and take out the insulating film of the fuse socket. Check if the fuse working right or not, then tighten.
- Place the lamp on the pole by its sleeve. Special screw should be used and steady installation should be ensured.

# QUALITY CONTROL

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Our manufacturing process involves the following functions. And so, you could stay assured about the quality of Organic India Product.

- 1 • Material inspection of the components involved
- 2 • Assembly of light source, lens and power components
- 3 • The impact of high to low voltage switch aging test
- 4 • Color and whole lamp function test
- 5 • Appearance test
- 6 • Product packing
- 7 • Audit inspection
- 8 • Delivery from storage





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UNCOMPROMISED

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**Prasad Bachhav**

📍 A/P Tapola,  
Tal: Mahabaleshwar, Dist-Satara  
Maharashtra, India.  
☎ 9604680121  
✉ saiprab75@gmail.com