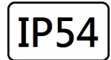


## SOLONA

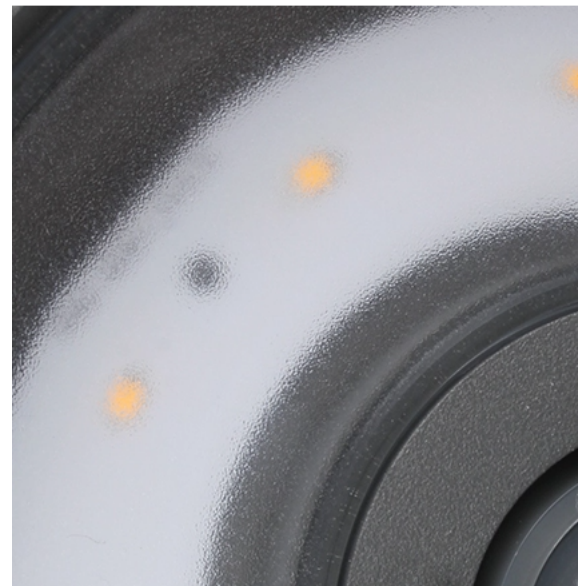
### Solar Sensor Bollard Light



**Column lamp**



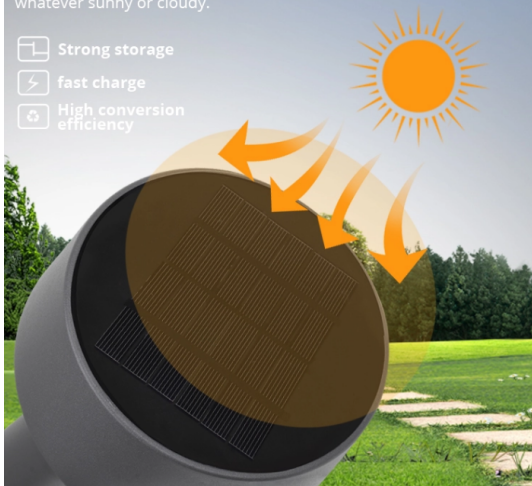
**Spike light**



#### SOLAR POWER PANEL AUTOCHANGE AT DAYTIME

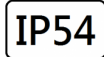
Polycrystalline silicon solar panel, fast get solar power.  
Convert the sunlighy energy into electric energy,  
whatever sunny or cloudy.

- Strong storage
- fast charge
- High conversion efficiency



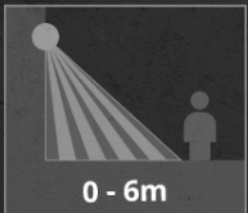
- Solar panel: high efficiency monocrystalline silicon with 25 years lifetime
- LED lamp: Bridgelux from USA, good quality for 50000h lifes
- Li-ion Battery: intelligent charging to prolong battery's service life
- PIR Motion Sensor and Light Control
- Die-cast aluminum and Tempered Frosted Glass
- Option Polycarbonate Spike

## Technical Data

|                             |                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Consumption           | 1.5W                                                                                                                                                                                                                                                                                                                                                                 |
| Solar Panel Power           | Mono-Crystalline Silicon Solar Panel Up to 21% Photoelectric Conversion Efficiency                                                                                                                                                                                                                                                                                   |
| Battery Capacity            | 2600mAh Li Ion Battery - Changeable                                                                                                                                                                                                                                                                                                                                  |
| Light Source Brand          | U.S.A Bridgelux                                                                                                                                                                                                                                                                                                                                                      |
| Color Temperature           | 3000K / 4000K / 5000K / 5700K                                                                                                                                                                                                                                                                                                                                        |
| Color Rendering Index       | > 80                                                                                                                                                                                                                                                                                                                                                                 |
| Luminaire Efficacy          | <ul style="list-style-type: none"> <li>• 70 Lm/w(3000K),</li> <li>• 80 Lm/w(4000K),</li> <li>• 90 Lm/w(5000K),</li> <li>• 100 Lm/w(5700K),</li> </ul>                                                                                                                                                                                                                |
| PIR SENSOR                  | Sensor Detection Angle: 120°<br>Maximum Detection Distance : Up to 6 meter<br><b>DIP Switch Setting for Brightness:</b><br>• DIM Mode : Brightness on Standby: 20% Brightness<br>• Auto Mode : Brightness on Standby: OFF                                                                                                                                            |
| Discharging Time            | > 36 Hours                                                                                                                                                                                                                                                                                                                                                           |
| Housing materials           | Die-Cast Aluminum and Tempered Glass                                                                                                                                                                                                                                                                                                                                 |
| Housing Color               | Dark Grey                                                                                                                                                                                                                                                                                                                                                            |
| Ingress Protection          | IP54                                                                                                                                                                                                                                                                                                                                                                 |
| Operating Temperature Range | -30 °C / +50 °C                                                                                                                                                                                                                                                                                                                                                      |
| Dimension                   | Dia 170x500mm                                                                                                                                                                                                                                                                                                                                                        |
| Certification               |  UK DESIGN  CE  IP54  |

### HUMEN BODY SENSING SYSTEM

Auto light up people comes  
auto light off after people leave



**AUTO**  
Light off at night  
People enters the range of induction:  
100% Brightness

**DIM**  
Normally: 20%Brightness  
People enters the range of induction:  
100% Brightness

|         |          |      |
|---------|----------|------|
| Project | Fixture# | Date |
|         |          | Firm |

## Ordering Information

Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [SOLONA-1.5W](#)

SOLONA - 1.5W  
Power

| Power                |             |
|----------------------|-------------|
| Code                 | Description |
| <a href="#">1.5W</a> | 1.5W        |



1. Aluminum lampbody
2. Solar power panel
3. Sensor
4. LED SMD
5. PC Spike

# BEAM ANGLE

