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# ALPHA

## SSL-53/56/59

3000LM/6000LM/9000LM

# Powerful Function Since Alpha Solar Street Light



SSL-53  
3000LM

SSL-56  
6000LM

SSL-59  
9000LM



Solar



ALS



BMS



IP65



TCS



Ray Sensor



Charging temperature



Working temperature



3 YEARS  
Warranty

SOLAR STREET LIGHT

# LED Screen

All functions are displayed with visual icons.

100% Remaining battery capacity

M 3 Mode

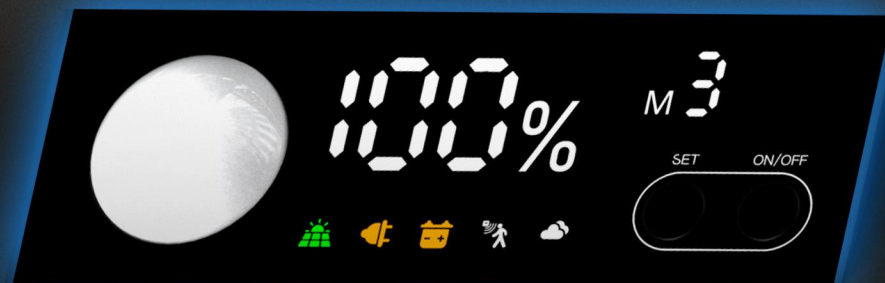
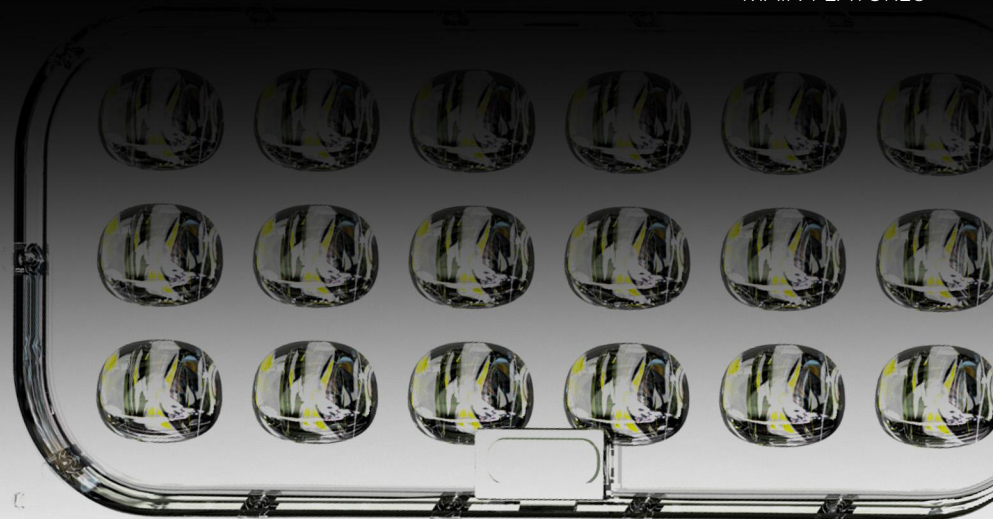
 Solar

 Adaptor

 Back-up batteries

 PIR

 Rain sensor



# Bil CCT, switchable by Rain Sensor

White LED color in normal weather and switch to warm led automatically when detect rainy days, to improve visibility .



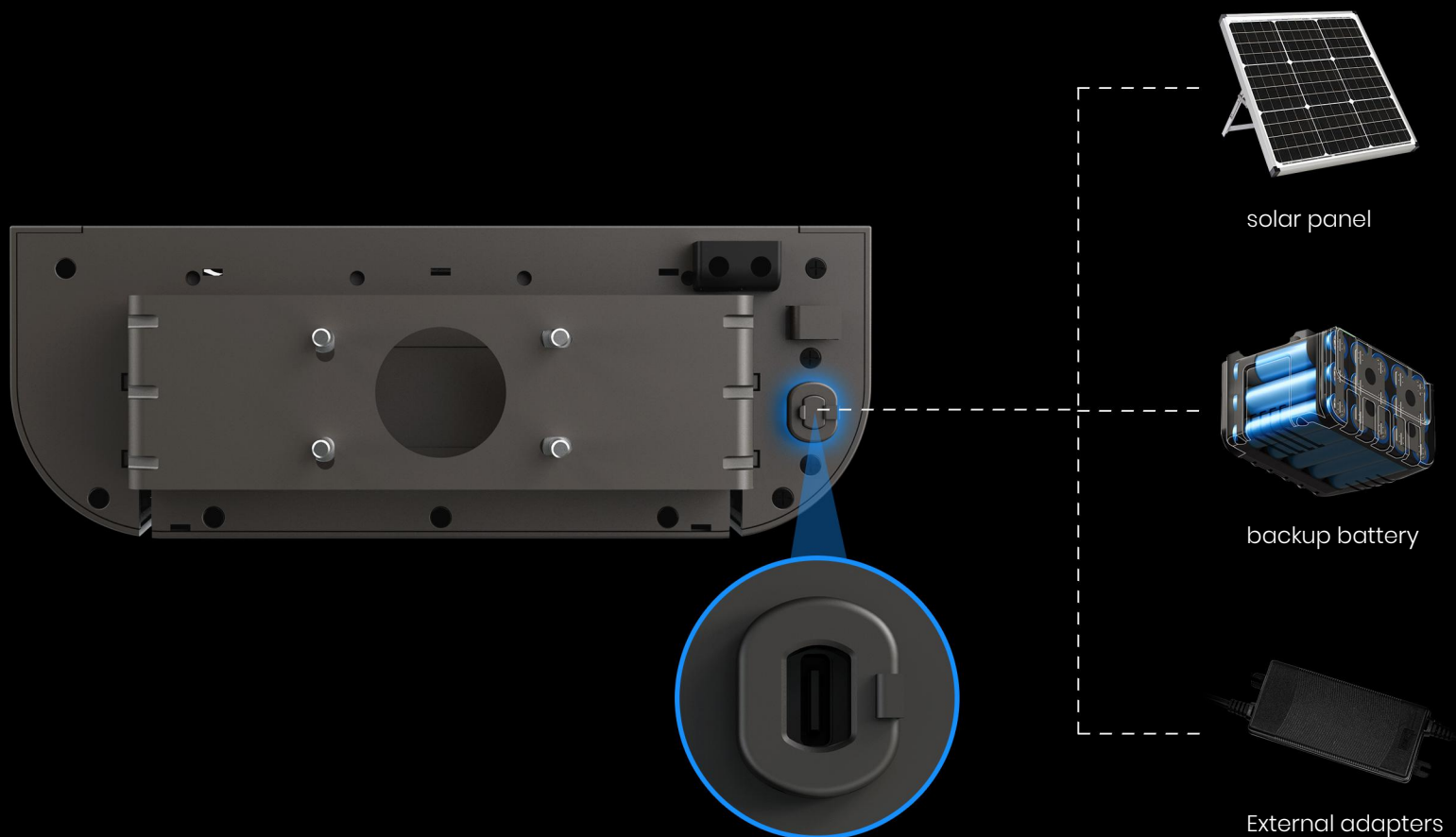
No rain



Rain

# Extension Port

Support expansion parts: solar panel, backup battery, external adapters.  
Provide multiple solutions for different requirements.



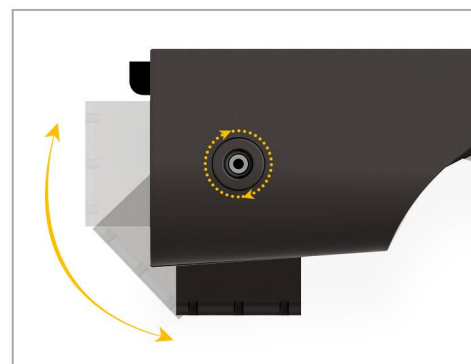
# Multi-function remote control

Lighting modes, CCT, brightness, and PIR on/off are all can be adjusted-- enabling personalized settings for clients.

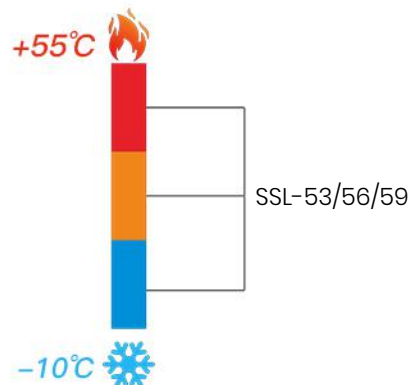


# Multiple installation methods

Can be installed  
horizontally and vertically.  
As well as wall mounted.

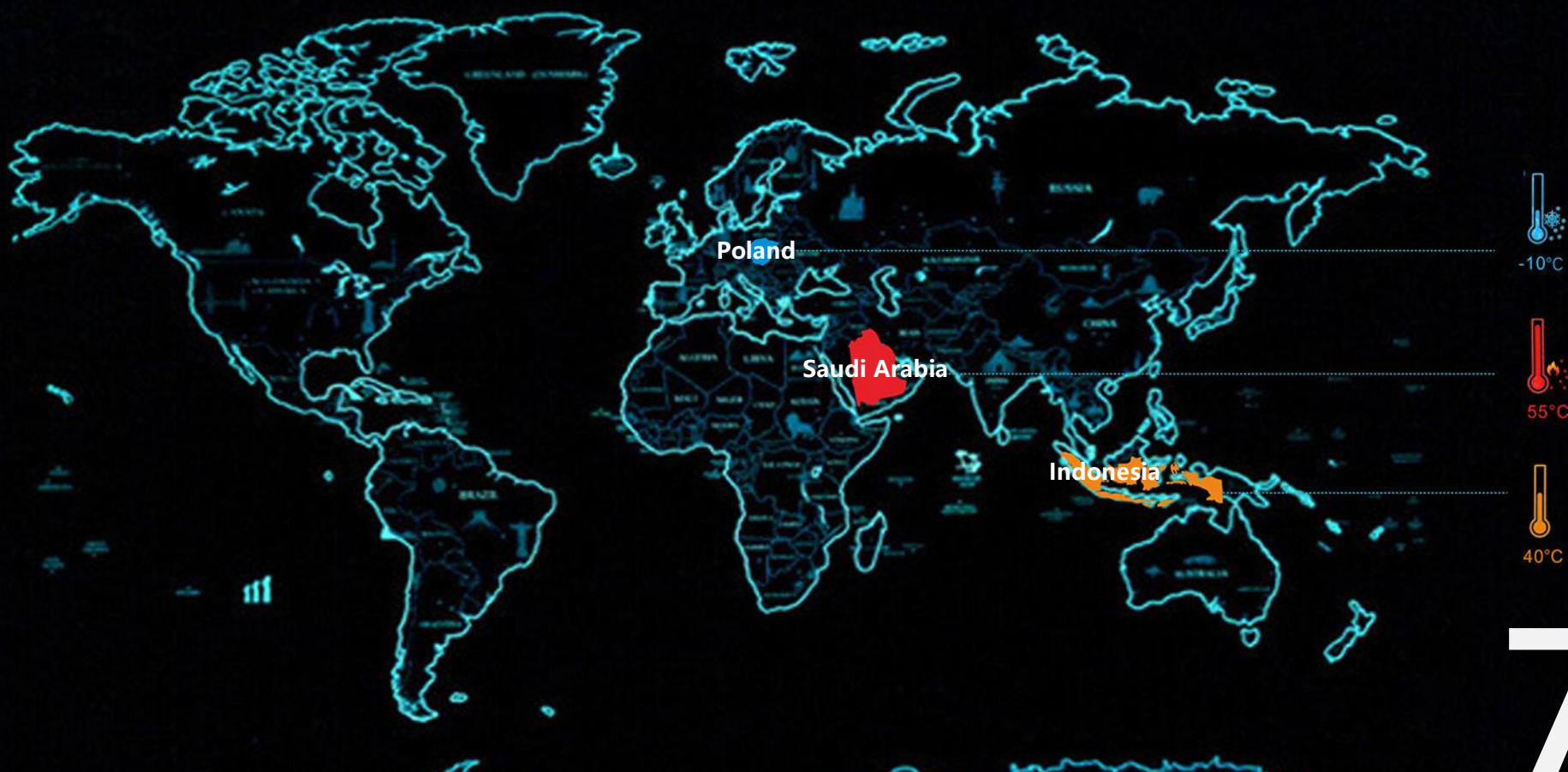


Angle can be adjusted



# -10°C to +55°C

Can be used in regions ranging from -10°C to +55°C without any concerns, spanning from Eastern Europe to the Middle East and equatorial countries

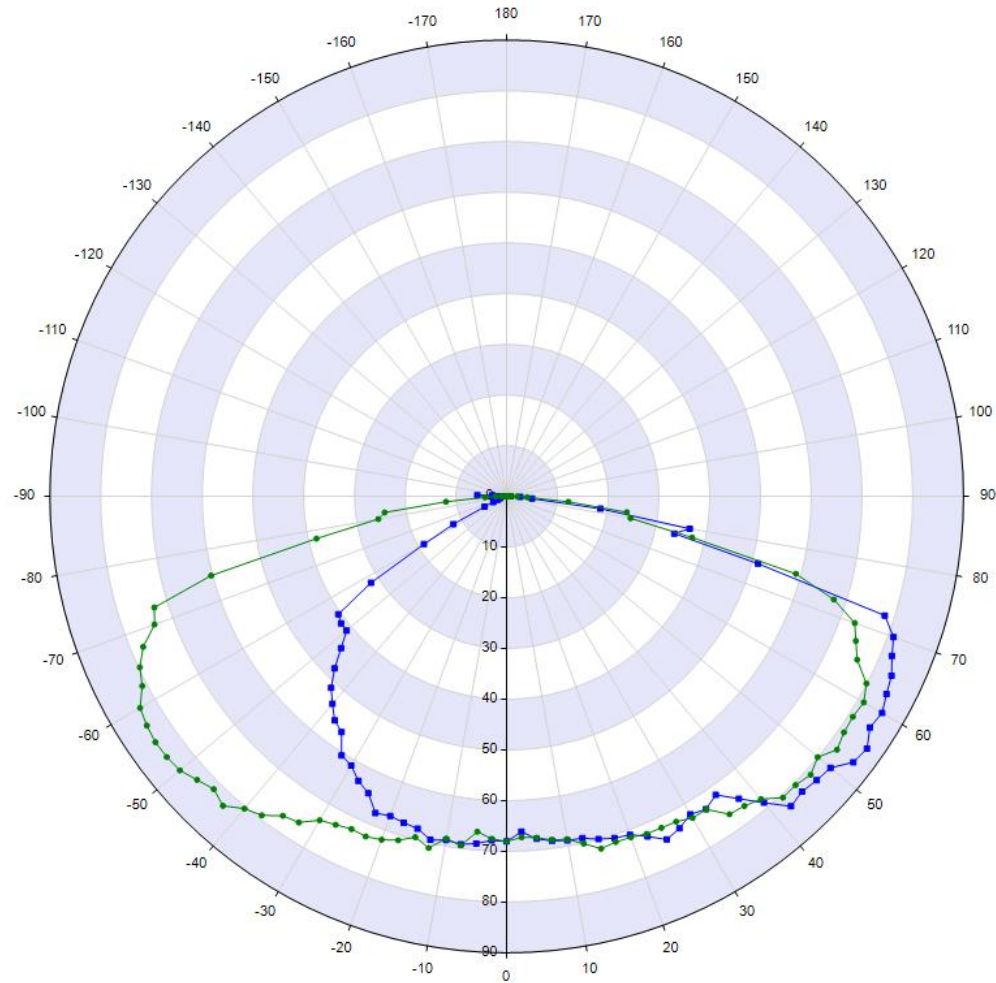


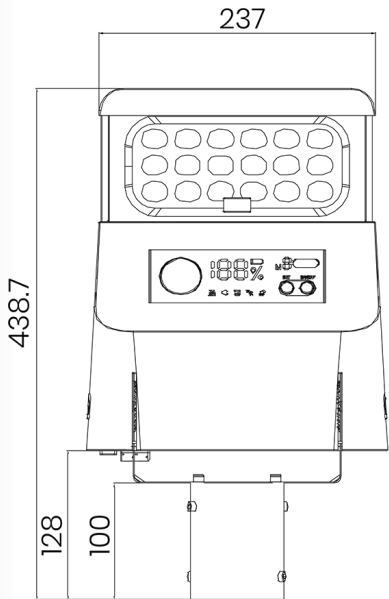
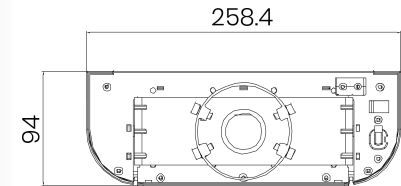


| Item: ALPHA                                | SSL-53                                                                                                                                   | SSL-56                                 | SSL-59                                 |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------|
| Light Brightness                           | 3000LM                                                                                                                                   | 6000LM                                 | 9000LM                                 |
| Solar panel                                |                                                                                                                                          |                                        |                                        |
| Power                                      | Monocrystalline silicon,<br>8.8V/ 10W                                                                                                    | Monocrystalline silicon,<br>13.2V/ 16W | Monocrystalline silicon,<br>13.2V/ 20W |
| Li-ion battery                             |                                                                                                                                          |                                        |                                        |
| Capacity                                   | 7.4V, 38.48Wh                                                                                                                            | 11.1V, 86.58Wh                         | 11.1V, 115.44WH                        |
| Charging / Discharging Temp                | -10°C-55°C / -20°C-60°C                                                                                                                  |                                        |                                        |
| Charging Time                              | Solar Panel ≤ 6.43H                                                                                                                      | Solar Panel ≤ 6.76H                    | Solar Panel ≤ 6.86H                    |
| LED (OSRAM)                                | 3030,<br>3000K 18pcs + 5700K 18pcs                                                                                                       | 3030,<br>3000K 72pcs + 5700K 72pcs     | 3030,<br>3000K 108pcs + 5700K 108pcs   |
| Color Temp                                 | 3000K / 5700K, Ra70                                                                                                                      | 3000K / 5700K, Ra70                    | 3000K / 5700K , Ra70                   |
| Efficiency                                 | 230lm/W                                                                                                                                  | 230lm/W                                | 230lm/W                                |
| Types of Lighting                          | TYPE-IV                                                                                                                                  |                                        |                                        |
| LED Screen Content                         |                                                                                                                                          |                                        |                                        |
| Battery Capacity Percentage                | Battery capacity displayed from 0 to 100%, after the screen light up for 30s                                                             |                                        |                                        |
| External solar charging indicator          | Plug in and showed                                                                                                                       |                                        |                                        |
| External adapter charging indicato         | Plug in and showed                                                                                                                       |                                        |                                        |
| External backup battery charging indicator | Plug in and showed                                                                                                                       |                                        |                                        |
| PIR ON/OFF status                          | YES                                                                                                                                      |                                        |                                        |
| Raining sensor display                     | YES                                                                                                                                      |                                        |                                        |
| Low battery display                        | Low battery icon will illuminate when the battery capacity drops below 20%                                                               |                                        |                                        |
| Lighting mode display                      | Always show the lighting mode (but will not display when screen off)                                                                     |                                        |                                        |
| Performance                                |                                                                                                                                          |                                        |                                        |
| Lighting Time in Rainy day                 | >36H                                                                                                                                     |                                        |                                        |
| Control Mode                               | Button Switch, ON/OFF Long Press 1.5s                                                                                                    |                                        |                                        |
| Lighting Mode                              | M1: 30% (PIR 30S) Till dawn<br>M2: 30% (PIR 30S) 5H + 20% (PIR 30s) Till dawn<br>M3: 30% (PIR 30S) 6H + 10% 5H + 30% (PIR 30S) Till dawn |                                        |                                        |
| Core technology                            | ALS2.4                                                                                                                                   |                                        |                                        |
| External device identification             | Identify external dvice connection automatically: solar panels, adapters, backup batteries                                               |                                        |                                        |
| PIR                                        | 120°, 8m.Max                                                                                                                             |                                        |                                        |
| IP / IK Class                              | IP65 / IK08                                                                                                                              |                                        |                                        |
| Install Height                             | 3m                                                                                                                                       | 4m                                     | 5m                                     |
| Net Weight                                 | 2.25kg                                                                                                                                   | 2.94kg                                 | 3.37kg                                 |
| Material                                   | Aluminum+PC                                                                                                                              |                                        |                                        |
| Dimension                                  | 438*258*94mm                                                                                                                             | 535*258*94mm                           | 631*258*94mm                           |

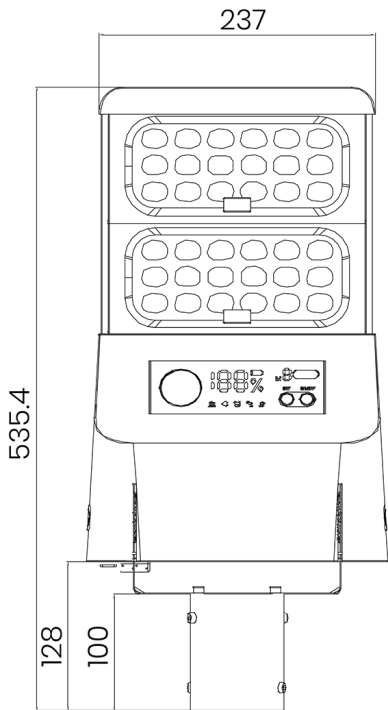


# Type-4 lighting distribution

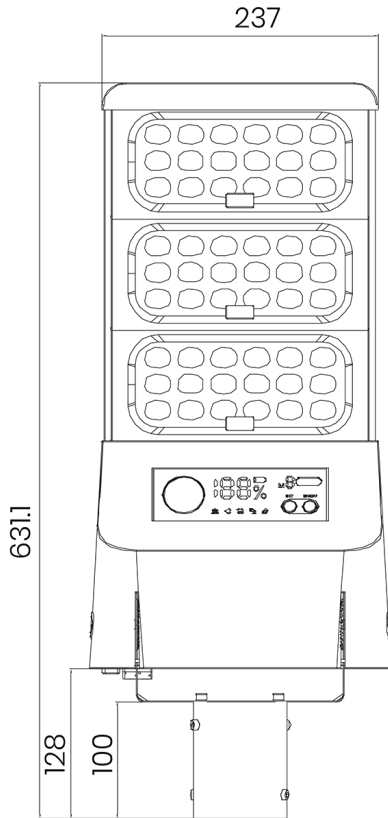




SSL-53



SSL-56



SSL-59



SOLAR STREET LIGHT

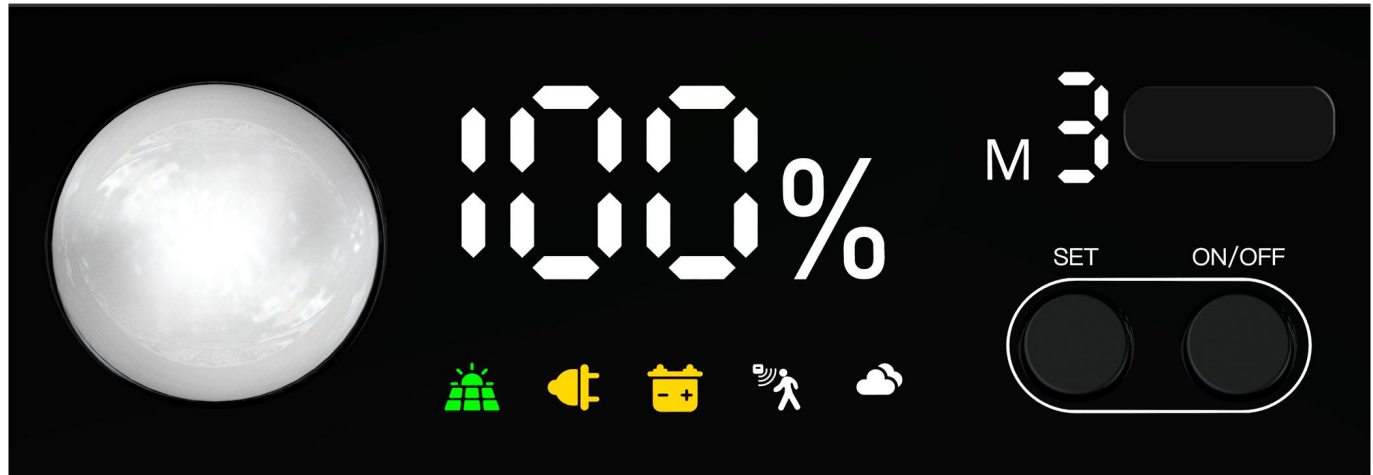
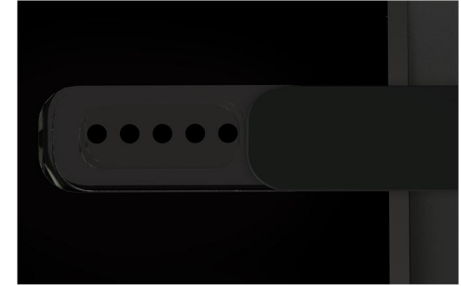
Monocrystalline silicon  
Solar Charging Efficiency: >23%



High Lumen LEDs 230lm/W



Program Writer Port



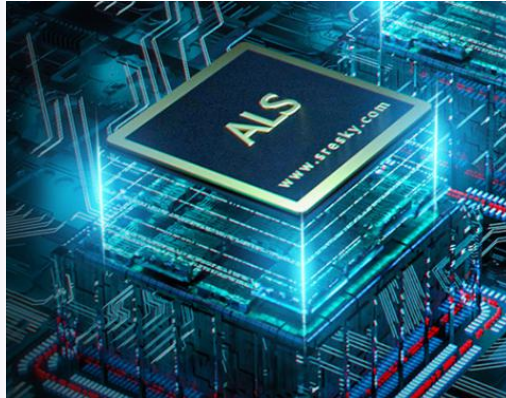
Extension Port



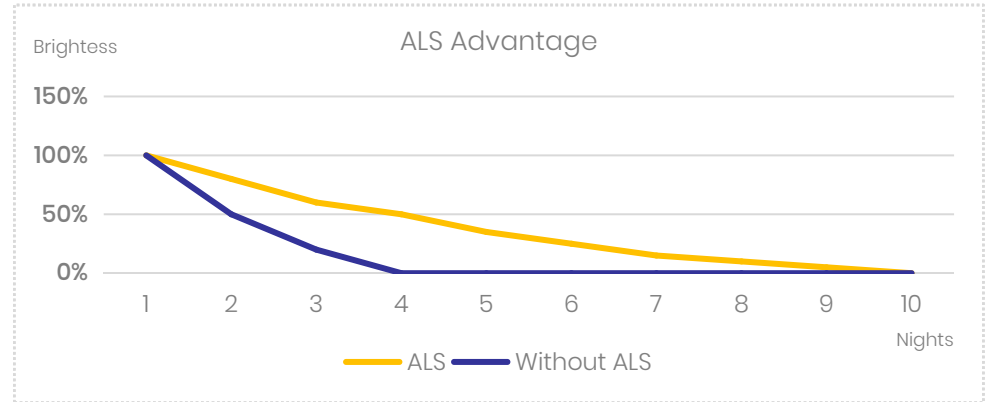
Rain sensor



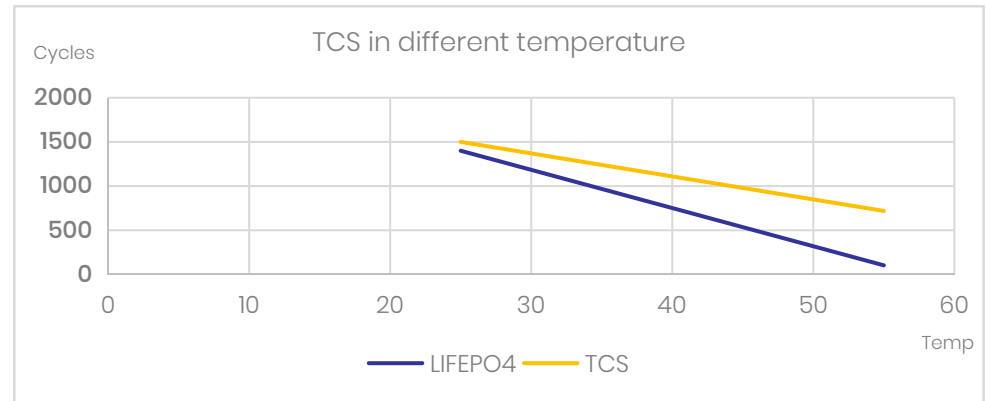
Adjustable Angle Bracket



ADVANTAGE OF ALS



ADVANTAGE OF TCS

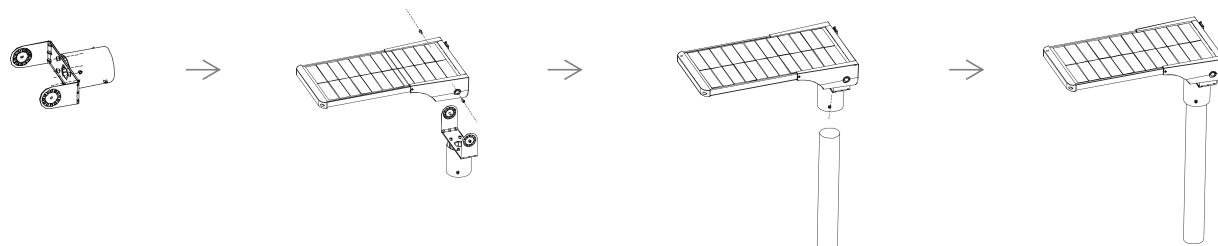




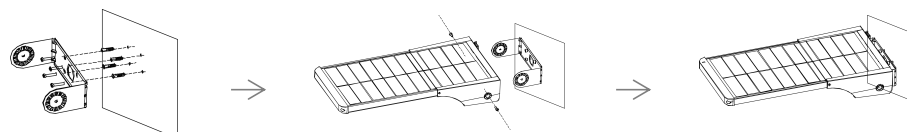
**1** Horizontal pole mounting



**2** Vertical pole mounting



**3** Wall mounting

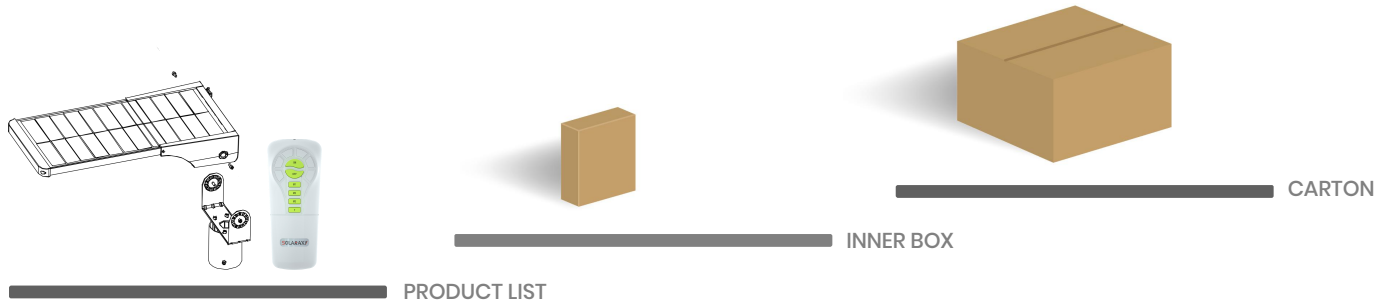




PRODUCT LIST  
SOLAR LIGHT: 1 PC  
BRACKET: 1 PC  
REMOTE CONTROL: 1 PC

1 PC / 1 BOX

8 PCS / CARTON



| MODEL NO. | PACKING METHOD | PCS/ CTN | QTY (PCS) | CTN QTY | CARTON SIZE(MM) | N.W.(KG) | G.W.(KG) |
|-----------|----------------|----------|-----------|---------|-----------------|----------|----------|
| SSL-53    | INNER BOX      | 1        | 1         | 1       | 262x113x332     | /        | /        |
|           | CARTON         | 8        | 8         | 1       | 544x472x352     | /        | /        |
| SSL-56    | INNER BOX      | 1        | 1         | 1       | 262x113x457     | /        | /        |
|           | CARTON         | 8        | 8         | 1       | 544x472x477     | /        | /        |
| SSL-59    | INNER BOX      | 1        | 1         | 1       | 262x113x552     | /        | /        |
|           | CARTON         | 8        | 8         | 1       | 544x472x572     | /        | /        |

Net weight and gross weight are for reference only





S O L A R   /   S T R E E T   /   L I G H T

# INNOVATING THE FUTURE OF SOLAR LIGHTING