

## LTSFL2/3

### LED Solar Flood Lights with PIR Sensor

Please read these instructions and retain them for future reference.

#### Important information

1. Open the package, inspect the product and install it carefully.  
If any damage is found, please keep the package and return the damaged product.
2. Please read the specifications and parameters in the instructions before installation.
3. **Important:** Turn on the switch located on the side of the main body before use.

#### Working Principle

- The solar panel charges the battery on sunny days.
- The charging and discharging process is controlled intelligently without manual operation.
- The PIR sensor function automatically lights up the flood light when someone approaches and lasts for 30 seconds.

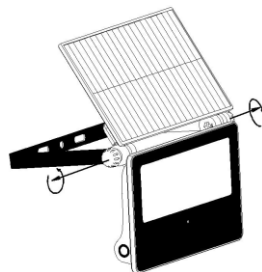
ON/OFF Switch



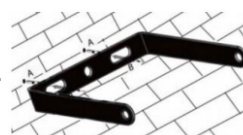
**PLEASE NOTE: THE PERFORMANCE OF THE LIGHTS MAY BE AFFECTED BY POOR WEATHER CONDITIONS. DURING WINTER MONTHS LIGHT DURATION WILL BE REDUCED.**

#### Installation Instructions

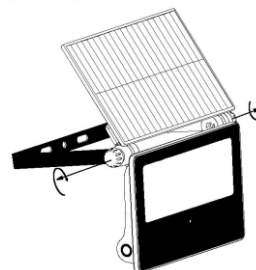
1. Unscrew the bracket from the lamp body.



2. Mount the bracket to the wall using the mounting screws provided.



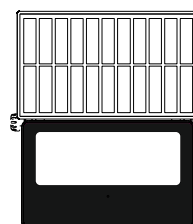
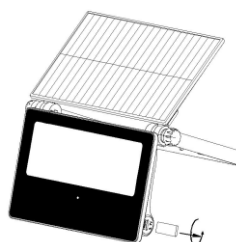
3. After the bracket is installed, insert the light back into the bracket and screw it on.



#### Battery Replacement

Unscrew the battery cap and replace the battery with:

- 1 x 3.7V Li-Ion 18650 2600mA Battery for LTSFL2
- 2 x 3.7V Li-Ion 18650 2600mA Battery for LTSFL3



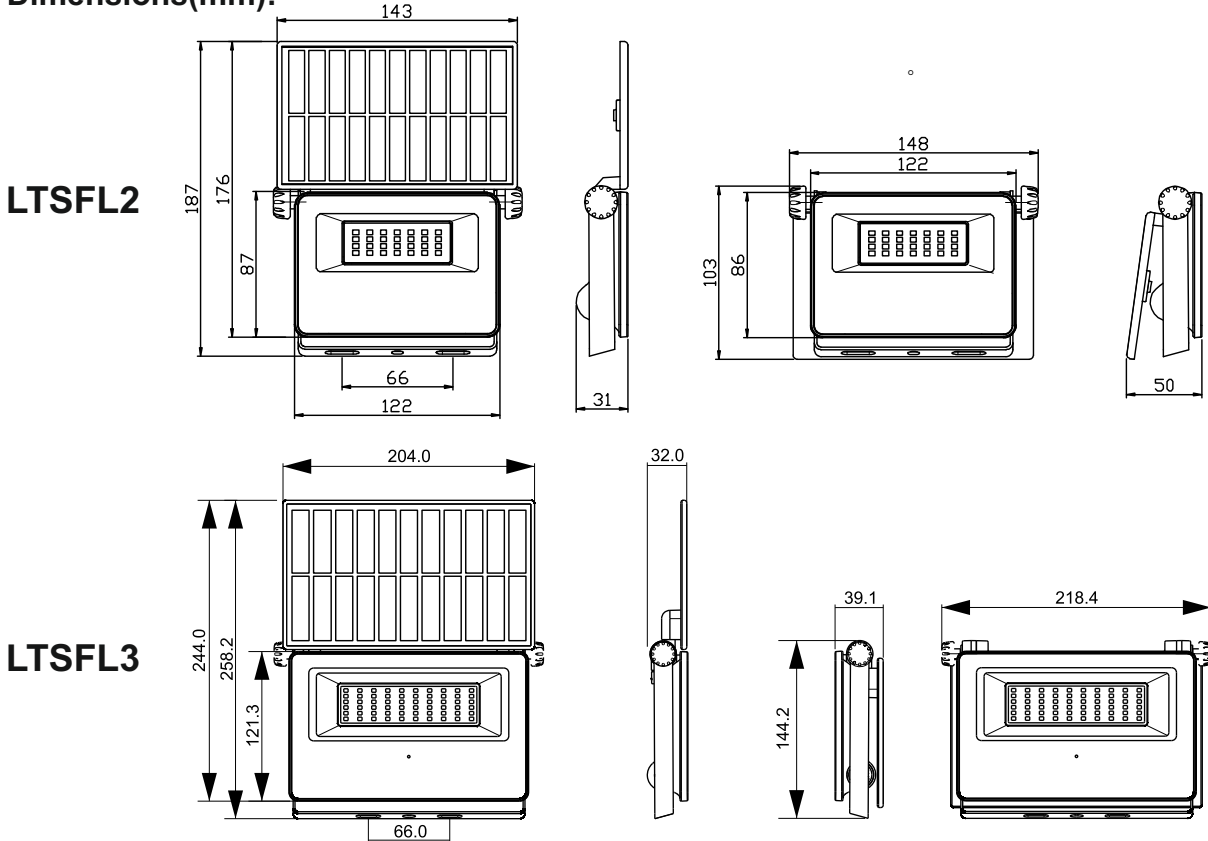
#### Mounting Location

1. Solar lights are designed for outdoor use in an open (un-shaded) location.
2. The solar panel should be located where sunlight can fall directly on the unit.
3. Avoid locations where light from other sources will fall on the panel at night (street lights, floodlights etc.).
4. The units can be left outside in the rain, but should not be exposed to water jets or immersed in any way.
5. For optimum lifespan, the solar panel should be protected from extreme weather such as snow or frost.
6. For best results install at a height between 2-4 meters from the ground so that motion detection is across (rather than towards) the PIR sensor beam. The PIR sensor has an operational range of between 6-8 meters.

#### Safety

1. DO NOT fix the light on any horizontal surface i.e. ceiling, or overhang.
2. Install away from flammable or combustible materials.
3. DO NOT direct the light into a persons eyes.
4. DO NOT install the light where it is likely to be knocked or hit.
5. DO NOT install near an exhaust outlet.

## Dimensions(mm):



## Technical Specifications:

MODEL:	LTSFL2	LTSFL3
Solar Panel:	ETFE 5.5V 2W	ETFE 9V 3W
Battery Type:	1 x 3.7V Li-Ion 18650 2600mAh	2 x 3.7V Li-Ion 18650 2600mAh
LEDs:	28pcs. SMD LED	60pcs. SMD LED
Lumen Output:	2000lm +/-	3000lm +/-
IP Rating:	IP54	IP54
Charging Time:	8 hours	8 hours
Working Time:	8-10 hours / 150 sensor triggers	8-10 hours / 180 sensor triggers
Beam Angle:	120°	120°
Body Materials:	Aluminium & Glass	Aluminium & Glass
Body Colour:	Black	Black
Sensor:	PIR Sensor	PIR Sensor
Detection Distance:	6-8m	6-8m
Stand-by Time:	30 seconds	30 seconds
Certificates:	UKCA / CE / RoHS	UKCA / CE / RoHS
Warranty:	2 Years	2 Years

## Maintenance

Wipe clean with a soft dry cloth. DO NOT use solvents.

## Environment Protection

