



## **SOLAR POWERED MOTION SENSOR DUAL HEAD LED FLOOD LIGHT**

**(2500MAH)**

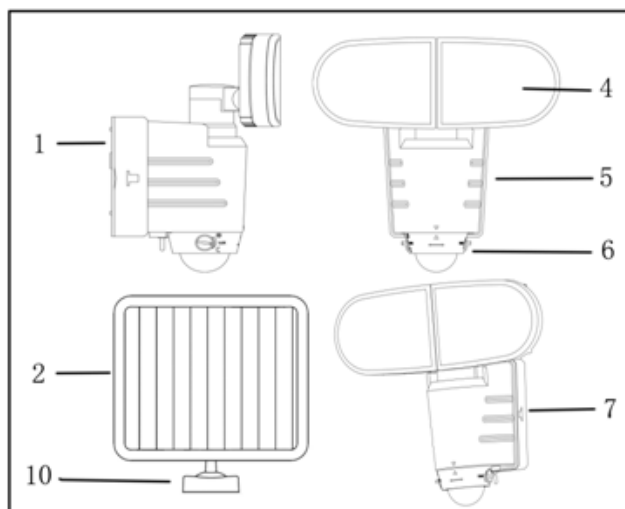
NBLTFSLM2DA



# SAFETY & WARNINGS

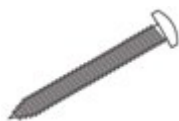
- Do not install this light in a location with close proximity to people or vehicles.
- Keep children and infants away from the light.
- Do not install this light in a location near flammable items.
- Ensure the light is installed on a flat surface. Do not install it in an unstable location.
- The solar panel should be toward the sun for charging. Ensure the panel is clean before charging.
- Do not stare directly into the light while it is on. This may cause serious injury.
- Do not install it close to devices that send radio waves. There is risk of radio interference.
- To prevent from falling, ensure the base unit is installed tightly with expansion screw.
- This product cannot prevent crimes by itself, nor guarantee to deter criminals or trespassers. It is intended to alert users of motion.
- Ensure the solar panel jack is fully inserted into the light head fixture socket.

# PRODUCT OVERVIEW



- |   |                         |    |                              |
|---|-------------------------|----|------------------------------|
| 1 | Lamp                    | 7  | Quick-Clip Mounting Bracket  |
| 2 | Solar Panel (4.8m wire) | 8  | ON/OFF/AUTO Switch           |
| 3 | Expansion screw         | 9  | Battery Housing outlet       |
| 4 | SMD LED                 | 10 | Solar Panel Mounting Bracket |
| 5 | Battery Housing         | 11 | LUX Adjusting Knob           |
| 6 | Motion Detector Head    | 13 | TIME Adjusting Knob          |

## Installation accessories included:



Wall Mounting Screws



Wall Mounting Plugs

# INSTALLATION NOTES

1. The light should be set up at a location where you desire to have extra lighting to detect persons or objects moving at night or in the dark. Decide an idea location prior to installing.
2. Decide where you want to place both the lamp (1) and solar panel (2). The light is equipped with 5 metres of connecting wire, so the lamp (1) and solar panel (2) can be installed up to 5 metres apart.
3. The solar panel (2) must be set in a location that receives full, direct sunlight a minimum of 8 hours a day. A wall or roof are ideal locations.
4. Mount the lamp (1) 2-to-3 metres above ground on a solid surface capable of supporting the lamp (1), and secure enough so that it will not move when exposed to vibration or wind. The unit must be high enough to allow for motion detection and light distribution.
5. Using the mounting plate as a template, mark certain that the drilling path is clear of obstacles such as cable and electrical line. Place mounting bracket (7) on drilled holes and thread in the enclosed mounting screws to secure mounting bracket in position.
6. Follow the above steps (steps 4 and 5) to install the solar panel (2).
7. Carefully route the power cord of the solar panel (2) to the lamp (1) and plug it into the battery housing outlet (9).
8. Adjust the motion detector head (6) below the light by moving it left or right so that it faces the area where movement will occur. Move it up or down by using the screw located on the neck of motion detector head (6).

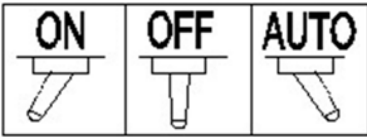
# OPERATION

- Before the solar sensor light can operate to its full capacity, the solar panel needs to be in sunlight for three days to fully charge the battery. Turn the switch to the “off” position. After the charge, turn the switch to “on” or “auto” position.
- In “Auto” position, the light will turn on automatically at night when motion is detected by the motion detector head (6).
- In “On” position, the light can be used as a standard light.

## Charging the Battery

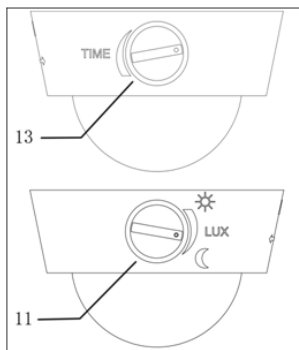
- The battery charges via sunlight to the solar panel.
- The “On” / “Auto” / “Off” switch (8) controls the light. Whether off or on, the solar panel will still charge if in sunlight, but the light will only function when switched to “On” or “Auto”.
- When charging, the solar panel should be facing toward the sun. If the solar panel is dirty, it cannot charge the battery efficiently.

## How to use Switch




	OFF	Middle position When you do not need lighting.
	ON	Left position Light can be used as a standard light.
	AUTO	Right position The light turns on when motion is detected.

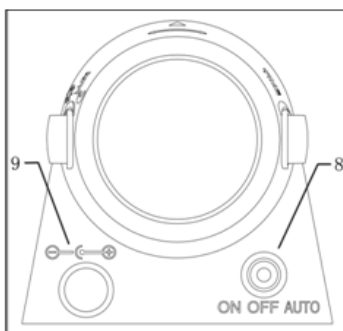
## How to use Control Knobs

The solar sensor light has 2 different control knobs: LUX and Time.



### LUX (Light level)

1. The LUX Adjusting Knob (11) tells the sensor the level of darkness that must be reached before the light turns on.
2. If set to the maximum  level, the light will go on in most situation ranging from dark to daylight.
3. If set to the minimum setting  the sensor will only trigger the light to turn on at dusk or when it is dark out. This is the ideal position for general evening and night operation. If the solar sensor light is not operating at night due to interference from a streetlight or other interference, turn the LUX knob towards .



### Time

1. The time adjusting knob (13) sets the duration of time that the light should stay lit after motion is no longer detected in the field of vision.
2. The time is adjustable from 8 seconds to 2 minutes. Moving the knob clockwise will make it stay on longer.

# CLEANING & CARE

1. When storing your “Solar Sensor Light” indoor for more than 2 or 3 days, turn the switch to “off”. Store the light in a dry location free of dust and debris. Make certain that the light is out of reach of children.
2. The light must be fully charged 5 days and switch “off” position before storing. Storing the light for prolonged periods may damage the light or decrease performance.
3. Keep the solar panel from dirt and debris. A dirty solar panel will not keep the batteries from charging. Clean regularly with a damp cloth.
4. Keep the solar panel free of dirt, dust and grime. Dust covering the solar panel will block out the sunlight causing a decrease or stoppage of efficiency in recharging the batteries.

## Battery Replacement

1. The battery pack is a location in the battery housing (5).
2. Turn the switch (8) to the “off” position. Remove the four screws from the battery housing (5). Separate the battery pack connector. Remove the old battery pack. Replace only with identical rechargeable battery (14).
3. Replace the cover of the battery housing (5). Secure it with the four screws.

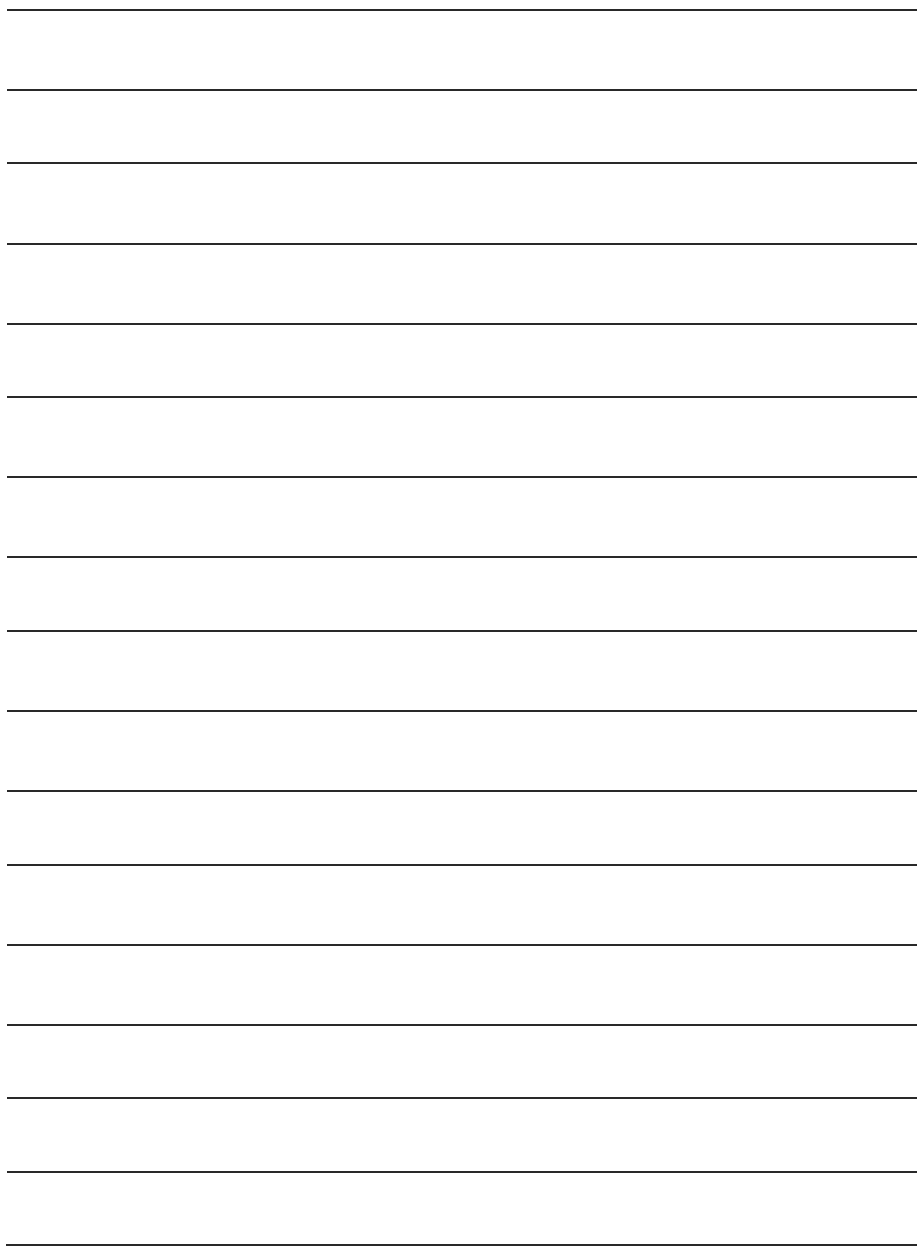
### Note:

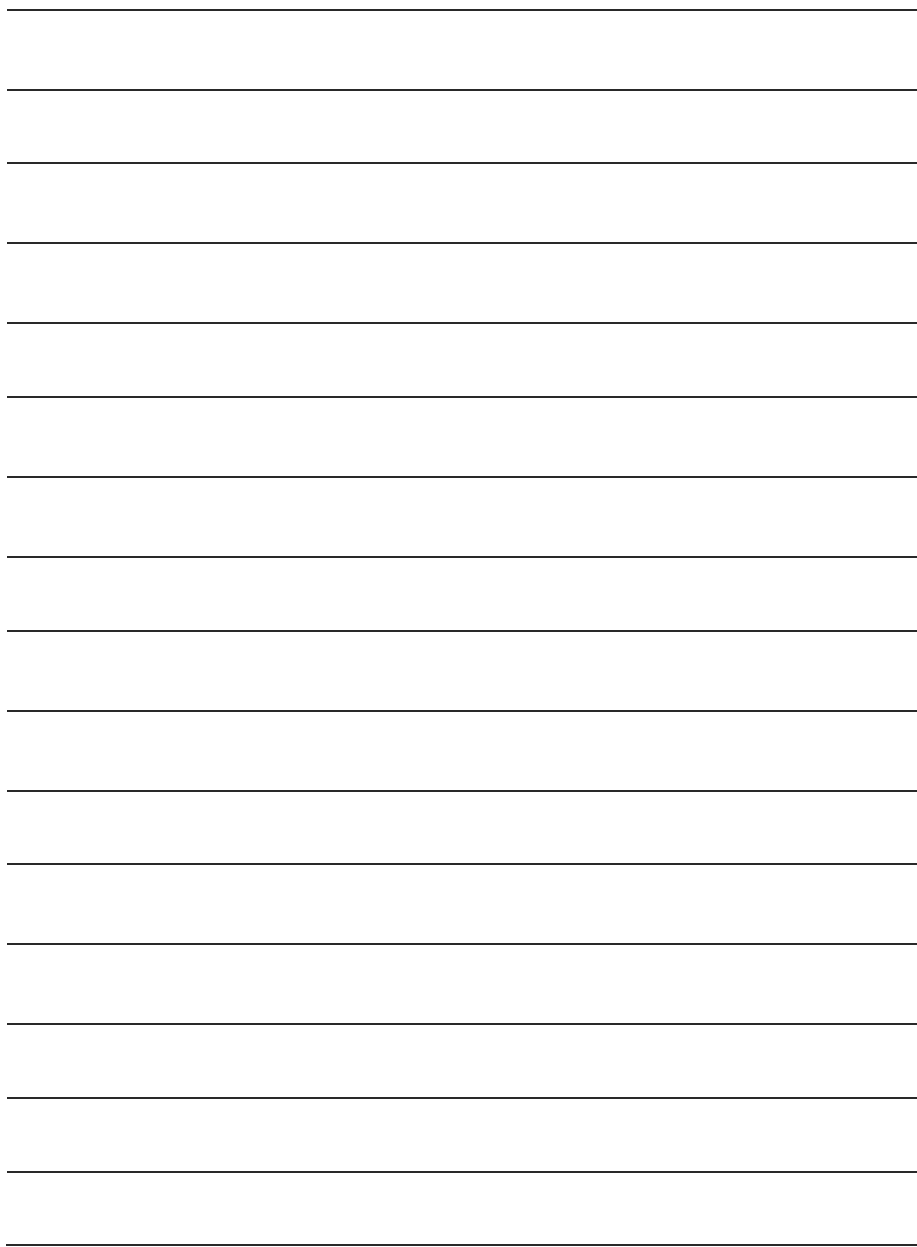
Oil from the skin will greatly reduce the lifespan of the bulb. If gets on the bulb, remove the bulb, clean with rubbing alcohol and reinstall.



NOTES

This image shows a full page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook or legal stationery. There are no margins, text, or other markings on the page.





### **Need more information?**

We hope that this user guide has given you the assistance needed for a simple set-up. For the most up-to-date guide for your product, as well as any additional assistance you may require, head online to **[help.kogan.com](http://help.kogan.com)**

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