



# Installation Instructions

## LED Foldable Solar Wall Light with Radar Sensor

**ESOL2.5W-WH/BL, ESOL3.5W-WH/BL, ESOL7.5W-WH/BL**

This product is a rechargeable LED solar wall light with integrated radar sensor. Movement is recognized by the sensor in the detection area. The integrated rechargeable batteries are charged by the solar panel. Sunlight/daylight provides energy for rechargeable batteries during the day and the product lights up automatically at dusk.

### This pack contains:

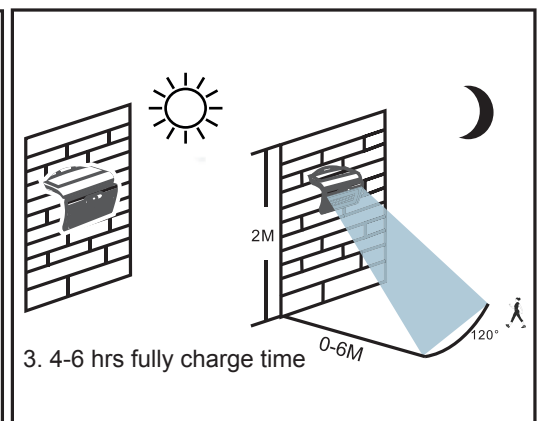
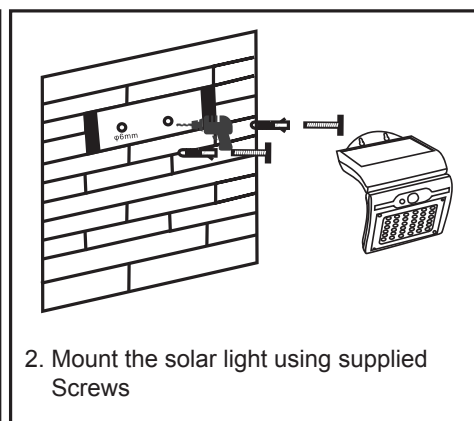
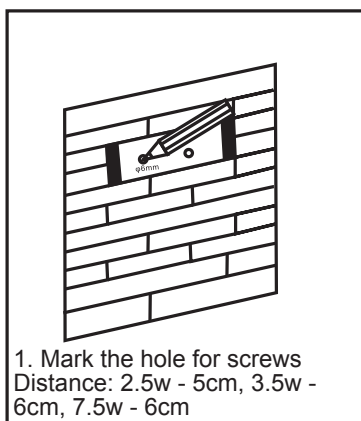
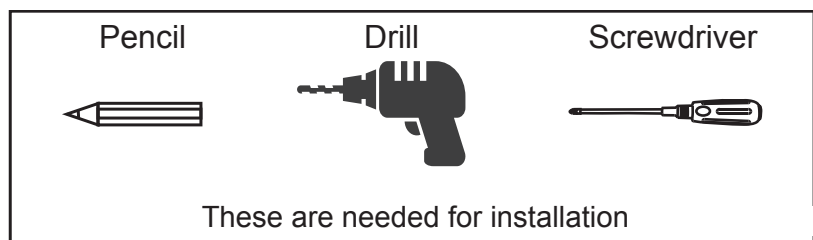
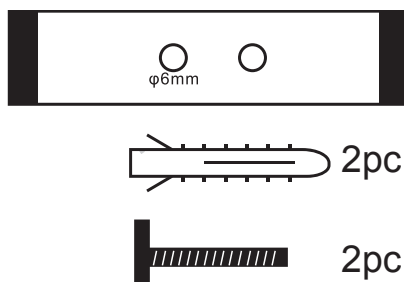
- 1 \* Solar wall light
- 2 \* Screws
- 3 \* Anchors
- 4 \* User manual



### Specification:

Product Code:	ESOL2.5W-WH/BL	ESOL3.5W-WH/BL	ESOL7.5W-WH/BL
Wattage	2.5W	3.5W	7.5W
Material	ABS		
Solar Panel	Poly-Silicon 6V 330mA	Poly-Silicon 6V 670mA	Mono-Silicon 6V 1A
Battery	18650 Li-ion, 3.7V 1500mAh	18650 Li-ion, 3.7V 1800mAh	18650 Li-ion, 3.7V 4800mAh
IP Grade	IP44 Waterproof		
Colour Temperature	4000k		
Luminous Flux	Min 207Lm Max 230Lm	Min 306Lm Max 340Lm	Min 630Lm Max 700Lm
LED Beam Angle	120°		
Charging time	4-6 hours		
Operating time	6-8 hours (without direct sunlight the lighting time can be shorter)		
Housing Finish	Black or White		
Dimensions	130x190x105mm	178x185x105mm	229x185x105mm

## Installation



- The surface must be stable. The supplied mounting material is only for concrete and stone walls. (For mounting on other surfaces, other dowels must be used.)
- Plants, street lighting, reflecting surfaces and arbitrarily moving objects may not be located in the detection area.
- Recommended mounting location: as sunny as possible, 2-4m mounting height.

**Step 1:** Mark the holes for mounting of the solar light.

**Step 2:** Drill the necessary number of mounting holes with a Ø 6mm drill.

**Step 3:** Insert 2pcs anchors and mounting screws into the holes. Leave the mounting screws approximately 4mm standing out of the wall.

**Step 4:** Hang the product from the top onto the mounting screws. Gently tighten the mounting screws.

### RADAR SENSOR MODE

**When the battery is less than 30% charged, such as at night, the lamp will automatically turn from Mode A to Mode B to extend the working time.**

#### Mode A (Power>30%)

The Eclipse solar wall light illuminates at full power after a movement in the detection area and will change to approximately 20% power after 10 seconds without movement until there is new movement detection.

The Eclipse solar wall light will automatically switch on at 20% of the maximum power for about 5 hours at dusk or at an ambient brightness of ≤30 lux.

#### Mode B (Power<30%)

The Eclipse solar wall light illuminates when fully triggered by a movement in the detection area. After approximately 10 seconds without movement, the lamp switches off until the movement detection is repeated.

### Instructions for handling batteries

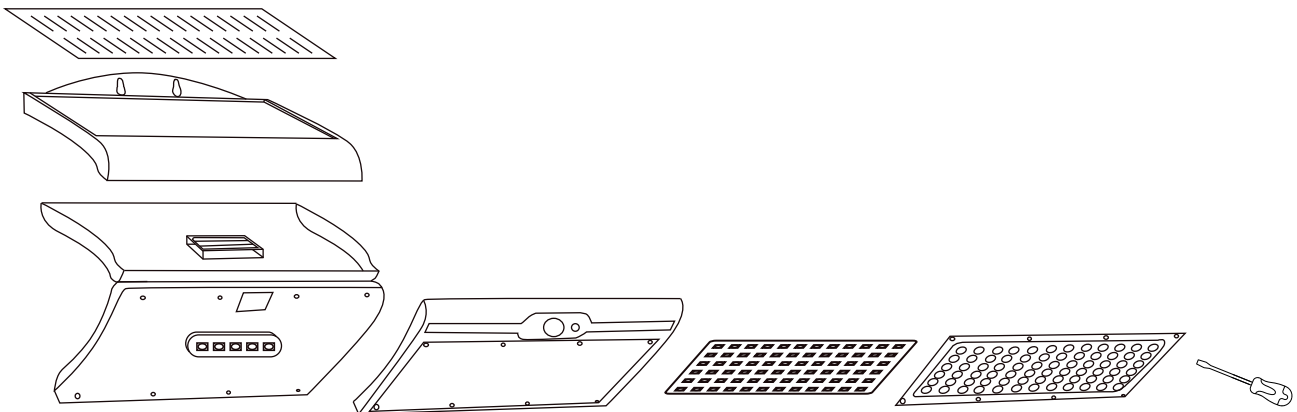
- When handled incorrectly, batteries may leak, ignite or even explode
- Keep out of reach of children
- Seek medical assistance immediately if ingested or swallowed
- Never attempt to recharge a battery that is labelled non-rechargeable
- Do not combine old and new batteries or batteries of different types
- Never swap battery polarity
- Never expose batteries to excessively warm conditions such as direct sunlight, fire etc.
- Do not inflict mechanical damage on batteries (do not dismantle, deform or pierce batteries)
- If any battery acid comes in contact with eyes or skin, wash affected area with water and seek medical assistance immediately.
- Used flat batteries cannot be placed in household waste. They must be taken to an approved collection point for old batteries



## Disassembly Diagram

### Product end of life instruction.

This Lighting product is in the scope of EU 2019/2020 directive on Waste Electrical and Electronic Equipment (WEEE). This product must be disposed according to the legislation. This document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to assure an appropriate end of life treatment for the components and materials of the product. Please follow pictured diagram on the back of this manual showing how to dismantle the product into different components which should be disposed correctly. These components would consist of plastic, metal and electronic materials. It is the responsibility of the end user to dispose of this product correctly. [www.weeeireland.ie](http://www.weeeireland.ie) or contact your local council for further information.



**For more information contact:** Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, Ireland, A84 YP58,

**SGD IRE PH:** 00353 1 835 7447

Unit 32 Junction One Business Park, Valley Road, Birkenhead, Merseyside, UK, CH41 7ED,

**SGD UK PH:** 0330 551 7000

**Website:** [www.sgd.ie](http://www.sgd.ie)



Solas Geal Distribution





## **EU DECLARATION OF CONFORMITY**

**Manufacturers Name:** Solas Geal Distribution  
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58.

**Declaration Number:**  
00100 – ESOL2.5W-WH/BL, ESOL3.5W-WH/BL, ESOL7.5W-WH/BL

This declaration of conformity is issued under the sole responsibility of the manufacturer.

**Products:**  
LED SOLAR WALL LIGHT

**Model Number:**  
ESOL2.5W-WH/BL, ESOL3.5W-WH/BL, ESOL7.5W-WH/BL

The product/model of the declaration described above is in conformity with the relevant community harmonisation legislation:

Directive 2014/35/EU – Low Voltage Directive

The product/model of the declaration described above is in conformity with the standards and technical specifications listed below:

EN IEC 5501 5:2019+A11:2020, EN 61547:2009, EN IEC 61000-3-2:2019,  
EN 61000-3-3:2013+A1:2019



*Signed:*

*Date:* 14/12/23

*Place of Issue:* Republic of Ireland

