

Using instructions

Solar PIR Floorlamp „Sail“



1. Introduction

Dear customer, thank you for purchasing this product.

You have acquired a product that has been built according to the current state of the art.

CE The product meets the requirements of the applicable European and national guidelines. The conformity with these requirements has been proven, and the corresponding declarations and documents are deposited with the manufacturer.

In order to ensure the product continues to meet these requirements, and to ensure safe operation, you as the user must observe these operating instructions.

2. Safety instructions



The guarantee and the warranty expire in the event of damage to the product caused by failure to observe these operating instructions. We are not liable for any consequential damage!

The same applies to property damage or personal injury caused by improper handling or failure to observe the safety instructions.

- Unauthorised modifications or other changes to the product are not permitted. The guarantee and the CE approval expire in this event.
- Make sure that the light does not get into the hands of children. It is not a toy!
- Keep plastic film or other packaging material away from children, there is a risk of suffocation.
- This product is only suitable for private use!

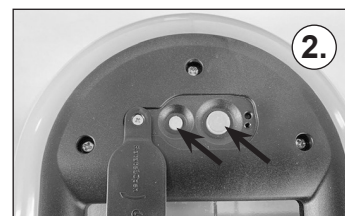
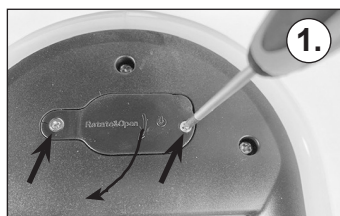
3. Intended use

In both front sections of the solar light, highly efficient monocrystalline solar cells are embedded behind glass in a weatherproof compound. This two solar modules charge the Li-Ion battery inside the light when exposed to sunlight. At night, the light activates independently and 2 operating modes can be selected. The 98 LEDs are arranged in a U-shape around the light behind frosted glass. This enables bright and homogeneous illumination of the surroundings. The light can be mounted via screws or a ground spike. It is designed with IP 65 protection and can be used outdoors all year round.

Note: Solar lights must always be placed in the sunlight without shading. Operation on the north side or in the shade of trees or bushes is not recommended!

4. Installation

1. Carefully remove the parts from the packaging.
2. The light can be mounted via a ground spike or enclosed screws (expansion anchor). The screws can then be covered with the enclosed plastic caps.
3. The light has 2 different operating modes:
 - 1. Function via PIR sensor:** At night, the light switches on automatically and shines with approx. 3% (approx. 12 lm) of its maximum intensity. When motion is detected by the PIR sensor, the intensity is increased to 100% (400 lm) for approx. 20 sec. after the last motion detection. After that, the intensity is reduced again to 3% until the next movement.
 - 2. Twilight sensor:** At night, the light switches on automatically and shines for 5 hours with approx. 50% (200 lm) of its intensity. After 5 hours, it then automatically switches to operating mode 1 (function via PIR sensor).
4. The switch for switching the light on/off and selecting the operating mode is located under a cover on the top of the light. To access this, loosen the right-hand screw with a suitable screwdriver and also loosen the left-hand screw by a few turns (Fig. 1). Then fold the cover down (Fig. 2).
5. The right switch is the on/off switch; the left switch can be used to set the operating mode (Fig. 2). First press the right-hand switch in firmly. The light will come on briefly. The light is set in mode 1 (function via PIR sensor). By pressing the left operating mode switch, you can switch to operating mode 2. This is confirmed by a double flash of the light. Pressing the button again switches the light back to operating mode 1. This is confirmed by a short flash of the light.



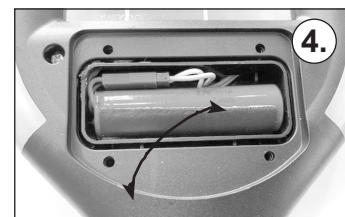
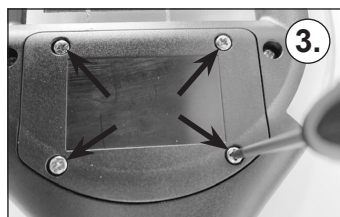
6. Now mount the light on soft ground with the help of the ground spike. The light can be mounted on concrete or pavement with the enclosed M6 expansion anchors. To do this, drill holes with a diameter of 8 mm, insert the anchors into the hole and screw the light in place. The anchors then wedge themselves into the concrete or pavement. The enclosed caps can be used to cover the screws.

The light is now ready for use.

Note: The duration of the light depends heavily on the intensity and duration of sunlight during the day. In the winter months, you can generally expect less lighting time.

Note: When switched off, the built-in battery is charged when the solar module is exposed to sunlight.

5. Changing the battery



1. Turn off the light.
2. Unscrew the 4 screws on the back of the light with a suitable screwdriver (Fig. 3) and remove the cover.
3. Remove the battery from the battery compartment (Fig. 4), disconnect the plug connection and replace it with an identical Li-Ion battery 3.7 V/ 2000 mAh.
- Note:** Please note that the plug connection is protected against polarity reversal and that no force should be used when plugging it together.
4. Put the battery back in the battery compartment and now close the light again in reverse order.
5. Now put the light back into operation as described in point 2 and select the desired operating mode.

Note: Used batteries must be disposed of in an environmentally friendly manner and do not belong in the household waste. Your dealer is legally obliged to take back old batteries.

6. Malfunctions

Light does not turn on

- **Battery weak or defective?** Wait for a sunny day or change the battery as described in point 6.
- **Is the light switched on?** Activate the light as described under point 4
- **Extraneous light?** Is extraneous light shining on the solar module, simulating daylight? Place the light in a darker place!

7. Technical specifications

Solar module:	6 Wp/ 5.5 V monocrystalline double-sided behind tempered glass
Battery pack:	1x Li-Ion 3.7 V/ 2000 mAh/ 7.4 Wh (18650)
Time to full charge:	12 - 15 hrs. in full sunlight
Burn time:	mode 1, sensor mode: approx. 4 nights mode 2, twilight and sensor mode: approx. 2 nights
PIR sensor:	120°/ 7 m
Light colour:	3000 K (warm white)
Light intensity:	Max. 400 lm
Light source:	98 SMD LEDs
Protection class:	IP 65
Protection level:	III
Operating temperature range:	-20°C to +60°C

8. Warning:

- Batteries do not belong in the hands of children. Never leave batteries lying around openly, there is a risk of them being swallowed by children or pets.
- Batteries must never be short-circuited, dismantled or thrown into fire. There is a risk of explosion!
- Leaking or damaged batteries can cause burns if they come into contact with the skin, so use suitable protective gloves in this case.
- When changing the batteries, only batteries of the same construction may be used. Under no circumstances should old batteries be used as they cannot be recharged.
- Make sure the polarity is correct when inserting or connecting the batteries.
- If the device is not used for a longer period of time (e.g. storage), remove the inserted batteries to avoid damage from leaking batteries.

9. Disposal:

Dear customer,

Proper disposal of old devices is mandatory!

Should you ever want to part with this article, please keep in mind that many of its components are made of valuable raw materials and can be recycled.

Therefore do not dispose of it in the garbage can, but rather please take it to your collection point for electrical devices.

Thank you for your help!



Customer care:

If you have any problems or questions about this product, just contact us!

esotec GmbH, Industriegebiet Weberschlag 9, D-92729 Weiherhammer

Internet: **www.esotec.de**

Via phone: +49 9605-92206-0

By e-mail for spare parts **orders** : **ersatzteil@esotec.de**

By e-mail for questions about the product: **technik@esotec.de**

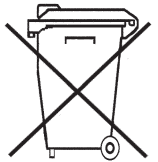
Internet: **www.esotec.de**

Manufacturer Part Number: 102272

Battery disposal

Batteries must not be disposed of with the household waste. The consumer is legally obliged to return batteries after use, for example to public collection points or where such batteries are sold.

Batteries containing pollutants are marked with the symbol "crossed out garbage can" and one of the chemical symbols.



Li-Ion