

Operating Instructions

Solar Garden Light with PIR Sensor

Item No. 2338747

Intended use

The product is intended for use as decoration and is not suitable for domestic lighting. This product has an built-in PIR sensor. 6 LEDs serve as the illuminant. The light turns on automatically at nightfall. All LEDs will stay on for a short period when the PIR sensor is triggered. The product is powered by a battery that recharges via the integrated solar panel during the daylight hours.

The product has an IP44 ingress protection rating. It is splash proof and suitable for outdoor use. Do not submerge!

For safety and approval purposes, you must not rebuild and/or modify this product. If you use the product for purposes other than those described above, the product may be damaged. In addition, improper use can result in short circuits, fires or other hazards. Read the instructions carefully and store them in a safe place. Make this product available to third parties only together with its operating instructions.

This product complies with the statutory national and European requirements. All company names and product names are trademarks of their respective owners. All rights reserved.

Delivery content

- Solar garden light with PIR sensor (1x rechargeable battery inserted)
- 1x lamp stand
- 2x ground spikes
- 4x screws and 4x dowels
- Operating instructions

Up-to-date operating instructions

Download the latest operating instructions at www.conrad.com/downloads or scan the QR code shown. Follow the instructions on the website.



Explanation of symbols

- The symbol with the exclamation mark in the triangle is used to indicate important information in these operating instructions. Always read this information carefully.
- This product is constructed according to protection class III.
- The arrow symbol indicates special information and advice on operation.

Safety instructions

Read the operating instructions carefully and especially observe the safety information. If you do not follow the safety instructions and information on proper handling in this manual, we assume no liability for any resulting personal injury or damage to property. Such cases will invalidate the warranty/guarantee.

a) General information

- The device is not a toy. Keep it out of the reach of children and pets.
- Do not leave packaging material lying around carelessly. This may become dangerous playing material for children.
- Protect the product from extreme temperatures, strong jolts, flammable gases, steam and solvents.
- Do not place the product under any mechanical stress.
- If it is no longer possible to operate the product safely, take it out of operation and protect it from any accidental use. Safe operation can no longer be guaranteed if the product:
 - is visibly damaged,
 - is no longer working properly,
 - has been stored for extended periods in poor ambient conditions or
 - has been subjected to any serious transport-related stresses.
- Please handle the product carefully. Jolts, impacts or a fall even from a low height can damage the product.
- Do not short circuit the battery terminals
- Consult an expert when in doubt about the operation, safety or connection of the product.
- Maintenance, modifications and repairs must only be completed by a technician or an authorised repair centre.
- If you have questions which remain unanswered by these operating instructions, contact our technical support service or other technical personnel.

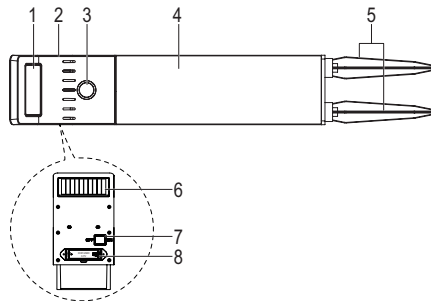
b) LED light

- Attention, LED light:
 - Do not look directly into the LED light!
 - Do not look into the beam directly or with optical instruments!

c) Rechargeable batteries

- Correct polarity must be observed while inserting the rechargeable battery.
- The rechargeable battery should be removed from the device if it is not used for a long period of time to avoid damage through leaking. Leaking or damaged rechargeable batteries might cause acid burns when in contact with skin, therefore use suitable protective gloves to handle corrupted (rechargeable) batteries.
- Rechargeable batteries must be kept out of reach of children. Do not leave rechargeable batteries lying around, as there is risk, that children or pets swallow them.
- Rechargeable batteries must not be dismantled, short-circuited or thrown into fire. Never recharge nonrechargeable batteries. There is a risk of explosion!

Operating elements

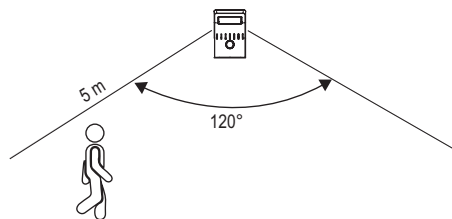


- 1 Lamp shade
- 2 Lamp head
- 3 PIR sensor cover
- 4 Lamp stand
- 5 Ground spikes
- 6 Solar panel
- 7 ON/OFF switch
- 8 Battery compartment

Location

- To optimize charging, place the solar panel (6) in a location exposed to maximum sunlight. Do not set up the solar panel in the shade or under any cover.
- Do not install the product in the direct proximity of other light sources such as yard or street lights, otherwise the product will not switch on automatically at nightfall.
- The product is suitable for use in unprotected outdoor areas. Do not submerge!

a) Motion detection sensor



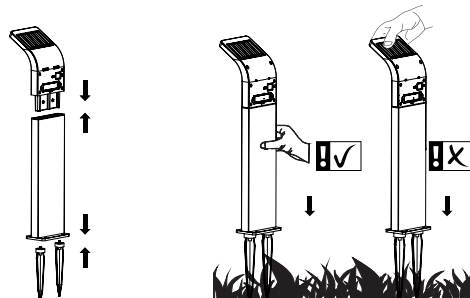
- Motion detection:
- Works best when the subject walks across the sensor.
 - Does not work well behind glass.

Installation

The product can be mounted on the supplied ground spikes or on the floor.

a) Option 1: mounting on the ground spikes

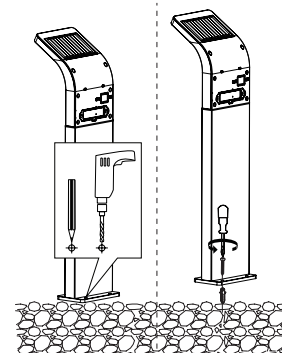
1. Assemble the lamp head (2), the lamp stand (4) and two ground spikes (5) as shown below.
2. Insert the ground spikes into a level and sufficiently firm surface (e.g. soil). A stony subsurface will cause damage to the ground spikes. Make sure the ground spikes are inserted securely and cannot tip over. Hold the lamp stand while inserting. Do not hold the lamp head. This helps prevent damage to the lamp head.



b) Option 2: mounting on the floor

When drilling or tightening screws, make sure there are no cables, wires or pipes located underneath the surface. Inadvertently drilling through electric cables can cause life-threatening danger of an electric shock!

1. Find a solid and hard surface. Use the four holes on the bottom of the lamp stand (4) to mark four holes on the surface. Then drill four holes on the marked positions.
2. Fix the lamp stand on the floor using the supplied screws and dowels. Secure four supplied dowels into the four drilled holes, then secure four supplied screws into the four dowels separately.



Solar charging

When using for the first time or after prolonged periods of low sunlight, you should fully recharge the battery.

- The product must be switched on for the battery to charge.
- Switch the product off before it gets dark to prevent the light from switching on and draining the battery.
- Switch the product back on after sunrise the next day to resume charging.

Operation

- When light level is ≤ 10 lux (e.g. at nightfall), the LED light turns on automatically (2x LEDs on).
- When the built-in motion sensor is triggered, the LED light gets brighter (6x LEDs on).
- When the ambient light reaches a certain brightness level, the LED light will turn off.

a) Motion sensor

- The motion detection will be activated when the light level is ≤ 10 lux.
- When motion detection is activated, 6x LEDs will stay on for a short period after the motion stops. After that, 2x LEDs stay on during darkness.

b) Notes on battery use and charging

- The battery can be fully charged for eight hours in sunny weather, which can light the product for approximately eight hours.
- Keep the solar panel clean. Dust and dirt covering the solar panel reduces charging efficiency.
- During extended periods without sufficient sunlight for solar charging, it is possible that the rechargeable battery will completely discharge. Rechargeable batteries can get damaged if left with no charge for some time. It is recommended to switch the power off so the battery does not completely discharge.
- Cold temperatures adversely affect the battery life. To ensure long, error-free operation, we recommend switching the power off and storing the product in a dry, warm location when not in use. Switch the product off for this purpose.
- You can remove the rechargeable battery before storing the product and charge it with a suitable charger. Observe all relevant information provided in these operating instructions regarding removing or replacing the rechargeable battery.

c) Remove/Insert rechargeable battery

➔ Replace the rechargeable battery if the illumination time reduces significantly despite the battery being sufficiently charged.

When replacing the rechargeable battery, make sure no moisture enters the inside of the battery compartment.

1. Switch the product OFF (7).
2. Loosen the two screws on the battery compartment (8) using a suitable screwdriver.
3. Remove the battery compartment.
4. Replace the battery matching the polarity shown inside the compartment.



Only use a rechargeable battery of the same type and specification as indicated in the section "Technical data".

5. Replace and tighten the battery compartment with the two screws.

Troubleshooting

Problem	Solution
The light does not turn on automatically.	
The light stays on for short periods.	
The light gets brighter.	

Care and cleaning

- Do not use any aggressive cleaning agents, rubbing alcohol or other chemical solutions as they can cause damage to the housing and malfunctioning.
- Never point a water jet, e.g. of a high-pressure cleaning device, at the product.
- Besides occasional cleaning, the product is maintenance-free.
- Let the product cool down sufficiently before cleaning.
- Use a clean, soft and dry cloth to clean the housing. For more stubborn dirt, slightly moisten the cloth with lukewarm water.
- If necessary, remove any dust from the solar panel, as the charging current could otherwise decrease.

Disposal

a) Product



Electronic devices are recyclable waste and must not be disposed of in the household waste. At the end of its service life, dispose of the product in accordance with applicable regulatory guidelines.

Remove the rechargeable battery and dispose of it separately from the product.

b) Rechargeable batteries



You as the end user are required by law (Battery Ordinance) to return all used rechargeable batteries. Disposing of them in the household waste is prohibited.

Contaminated rechargeable batteries are labeled with this symbol to indicate that disposal in the domestic waste is forbidden. The designations for the heavy metals involved are: Cd = Cadmium, Hg = Mercury, Pb = Lead (name on rechargeable batteries, e.g. below the trash icon on the left).

Used rechargeable batteries can be returned to collection points in your municipality, our stores or wherever rechargeable batteries are sold.

You thus fulfill your statutory obligations and contribute to the protection of the environment.

Technical data

Power supply 3.7 V, 800 mAh, 14500 rechargeable battery

Solar panel 5 V, 130 mA, monocrystal

Illuminant type LED

LED quantity 6 pcs

LED service life 25000 hours

Charging time 8 hours (in optimum conditions)

Illumination time max. 8 hours with fully charged battery

Light output max. 70 lm

Light activation threshold ≤ 10 lux

PIR sensor Detection angle: 120°, Detection range: max. 5 m

Colour temperature 6000 K

Ingress protection IP44

Protection class III

ON/OFF switch Yes

Material ABS + PC + aluminium

Operating/Storage conditions -20 to +40 °C, ≤ 100 % RH (non-condensing)

Dimensions (W x H x D) 110 x 500 x 105 mm

Weight 659 g