

Table of Contents

1. Introduction	Page 8
2. Safety Instructions	Page 8
3. Usage according to determination	Page 9
4. Operating elements	Page 9
5. Set up and starting of operation	Page 10
6. Exchange of the accumulators	Page 12
7. Malfunctions	Page 12
8. Technical data	Page 12

Customer support:

If you have problems or questions regarding this product, simply contact us!

Monday to Friday 8 am to 12 noon and 1 pm to 4 pm.

By phone: 09605-92206-27

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

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

Product: Manufacturer Item No.: 102028

These instructions relate ONLY to this product and contain important information for using the product for the first time. Please keep these instructions for later reference and should always accompany the product in the event of transference to a new user.

1. Introduction

Dear Customer,

Thank you for purchasing the solar light. With this solar light you purchased a product manufactured according to the current state of technology.

This product fulfils all requirements of the valid European and national regulations. The conformity was proved. The relevant declarations and documentation are deposited with the manufacturer.

To maintain this state and guarantee a safe operation, you as the user will have to follow this operating manual!

2. Safety Instructions



- In case of damages caused by not following this operating manual, the warranty rights will expire! We exclude liability for any consequential damages!
- We exclude liability for property or personal damages caused by inappropriate handling or not following the safety instructions.

- In these cases any guarantee rights will expire.

Due to safety and admission reasons (CE) it is not allowed to arbitrarily reconstruct and/or change the solar light.

Therefore, please keep to the operating manual.

The accident prevention rules of the association of the industrial trade cooperative association for electric plants and working material are to be considered in industrial environments.

3. Usage according to determination

The solar lamp is designed for the outdoor usage. The installed accumulators are charged by the solar cells in the lower part of the lamp. At darkness, the light is automatically switched on and is switched out at sunrise. The color of the light automatically changes between 7 colors approximately every minute. If necessary, one single color can be set fix via a switch. As light source, a very strong light emitting diode (LED) is used.

4. Operating elements

1. Plastic luminary

Can be switched off the lower part via a thread

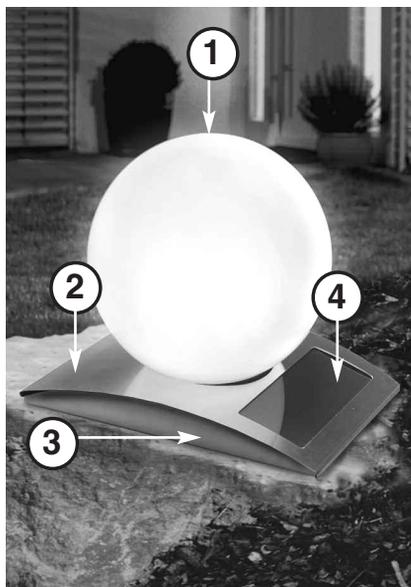
2. Special steel lid with solar module

Can be taken off the lower part

3. Special steel lower part

With assembly borings

4. Solar module



Rechargeable battery notes

- Rechargeable batteries should not be played with by children. Never leave rechargeable batteries lying around; they could be swallowed by children or pets.
- Rechargeable batteries must never be short-circuited, disassembled or thrown into fire. This leads to a danger of explosion!
- Leaking or damaged rechargeable batteries can cause chemical burns when they come into contact with skin. For this reason, please make use of suitable protective gloves.
- Rechargeable batteries should only be replaced by structurally identical rechargeable batteries from the same manufacturer. Normal batteries must not be used since these are not rechargeable.
- Make sure the rechargeable batteries are inserted with the correct polarity.
- For long periods of time of non-use (for example, storage), remove the inserted rechargeable batteries to avoid damages via the leaking rechargeable batteries.

5. Set up and starting of operation

The Pro-Design-Garden-Ball should be set up in a sunny location. Please note that no bushes or trees may impede the insolation to the solar module.

Note: However, please note that the duration of illumination is strongly dependent on the intensity and duration of the insolation during the day. In the winter months please generally calculate with a short duration of illumination.

Please carefully take all parts out of the package.

The Pro-Design-Garden-Lamp can be fixed to solid ground with the help of the attached screws and pins in order to prevent theft. You may also fix the lamp to a wall in vertical direction with the solar module on the top side.



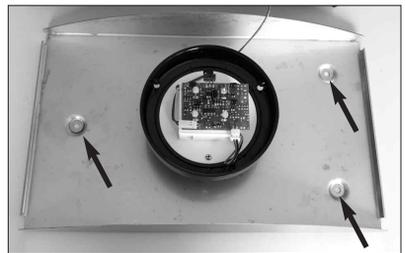
Picture 1



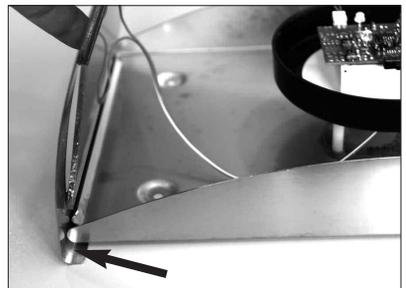
Picture 2

Assembly:

1. In order to firmly set up the lamp, unscrew the plastic luminary anticlockwise up to the buffer (picture 1) and remove the luminary.
2. Remove the special steel upper part by drawing it upward with both hands as shown in the picture and move (Picture 2).
3. Now, the pedestal can be fixed via the 3 holes (picture 3) (therefore, please use the supplied screws).
4. Put the special steel upper part on top of the pedestal by first hanging in the side of the upper part into which the solar module is integrated (picture 4) into the pedestal and then press the upper part over the pedestal on the other side. (picture 5).



Picture 3



Picture 4

- 5. Plug in the connector of the accumulator (picture 6). Note: The connector is equipped with reverse battery protection. Please do not execute force.
- 6. Re-attach the plastic luminary and fix it by screwing it clockwise up to the buffer.

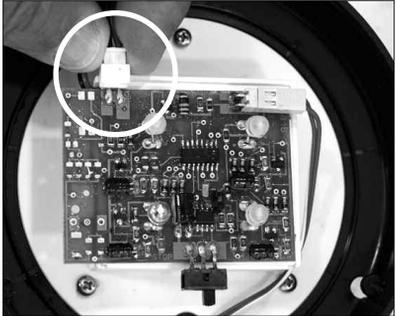
Now, the lamp is ready for operation. At darkness, the color of the light automatically changes between 7 different colors approximately every minute the lamp will.



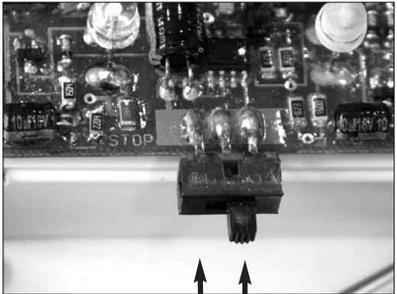
Picture 5

Permanent light (Picture 7):

If you want to set a certain color of light as a permanent light, please remove the plastic luminary and set the switch on the plate to the position "STOP". Now the currently active color of light is adjusted to permanent light. In order to re-activate the exchanging light, please re-adjust the switch.



Picture 6



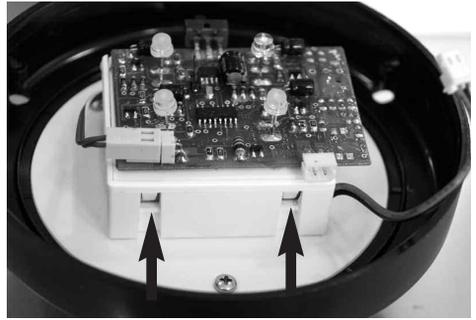
Picture 7

**STOP Exch. light
Perm. light**
switch-position

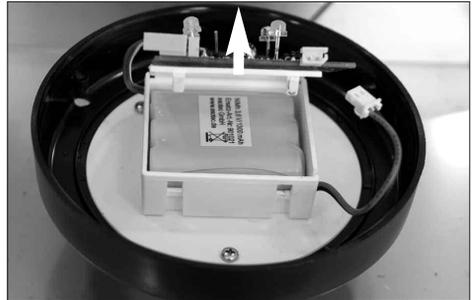
6. Exchange of the Accumulators

1. Please remove the plastic luminary (see chapter 4)
2. Press both tappets (picture 6) at the battery box and swing open the lid.
3. Remove the accumulator and exchange it with an identical accumulator (picture 7). This is available from your dealer or the manufacturer.
4. Now reassemble the lamp in reverse order. Please take care of the polarity when plugging in the accumulator switch.

Note: Used batteries or accumulators must be disposed of in a non-polluting way and do not belong into the domestic waste. Your dealer is obliged to take back and recycle old accumulators.



Picture 6



Picture 7

6. Malfunctions

Disorder:

Light is not automatically switched on at darkness.

Remedy:

A further light source (e. g. street lamp) "simulates" daylight and prevents a switching on. Place the light at a darker location.

Light is not automatically switched on at darkness in spite of sunshine or is only switched on for a short time.

Accumulator is weak or defective. Exchange the accumulator pack.

8. Technical data

Operation voltage: 3.6 V (set of accumulators)
 Set of accumulators: NiMH 3.6 V/1300 mAh
 Light emitting diode: 4 light emitting diodes (LED)
 Solar module: ASI-technology

Duration of illumination: max. 20 h in case of fully charged set of accumulators
 Ball \varnothing : 250 mm
 Basic plate: 350 x 240 mm

Battery take-back

- Batteries must not be discarded into domestic waste.
- The consumer is legally required to return batteries after use, e.g. to public collecting centers or to battery distributors.
- Contaminant-containing batteries are labeled with the sign "crossed-out trashcan" and one of the chemical symbols. Used batteries should be disposed environmentally friendly and should not be discarded into domestic waste. Your dealer is legally required to take back old batteries.

