

# Operating Manual

## 8 W LED Flash Light



**Note:** The illuminants (LEDs) are permanently installed and can not be exchanged.

### 5. Malfunctions

#### The lamp is not switched on

- Operating voltage available?
- Was the lamp connected to a DC supply with a voltage of 12 VDC to 24 VDC?
- Is the fuse possible integrated into the circuit ok?
- Incorrect polarity of the connector cable?

### 6. Technical Data

Operating voltage range:	12 V to 24 V DC (DC voltage)
Power consumption:	ca. 8 W
Light color:	4500 K
Light flux:	640 lm
Light source:	44 LEDs
Protection class:	III
Protection type:	IP 20 (only for indoor use!)

#### Customer support:

If you have problems or questions regarding this product, simply contact us!  
esotec GmbH, Industriegebiet Weberschlag 9, D-92729 Weiherhammer  
**Monday to Friday 9 am to 12 noon and 1 pm to 4 pm.**  
By phone: 09605-92206-0  
By e-mail for ordering spare parts: [ersatzteil@esotec.de](mailto:ersatzteil@esotec.de)  
By e-mail for questions about the product: [technik@esotec.de](mailto:technik@esotec.de)  
**Manufacturer item-No: 121001**

#### Disposal:

Dear customer,  
please cooperate in avoiding waste. When you intend to dispose of the product in future, please consider that it contains valuable raw materials suited for recycling. Therefore, do not dispose of it with domestic waste but bring it to a collection point for the recycling of waste electrical and electronic equipment.



Thank you very much for your cooperation!

### 1. Introduction

Dear customer, we thank you for purchasing the Light.  
With this Light you have purchased a product that complies with the latest and most up-to-date technology.



**This product complies with the European and National Standards. The relevant certificates of conformity are deposited with the manufacturer.**

**To preserve this standard and in order to maintain safety you must adhere to the use instructions!**

### 2. Security Instructions



**In the event of any problems arising or damage occurring from not following these instructions, the warranty is deemed cancelled. The manufacturer will not be held responsible for any claims or damages arising from the misuse of this product.**

- For safety reasons and in order to maintain standards (CE) you are prohibited from altering or changing any component in the product.
- Please follow the instructions very carefully.
- For commercial applications due care and attention must be paid to the Health and Safety Standards in your jurisdiction.

### 3. Function and Intended Use

The LED flash light is only suitable for the indoor use. The operating voltage ranges between 12 V and 24 VDC. A solar battery or a DC power supply unit may serve as a voltage source. Mounting clips are available for the mounting.

#### Caution: Mortal danger when operated on 230 V mains voltage!

Used as a light source are powerful light emitting diodes (LEDs). Those LEDs ensure a high luminosity with little power consumption and a service life of more than 50 000 hours.

### 4. Commissioning

1. Carefully take the parts out of the packaging.
2. The lamp may be fastened onto an appropriate ground by means of the enclosed mounting aids.
3. Insert the plug of the connector cable into the socket of the LED flash light.
4. Connect the other end of the cable with an appropriate DC supply. In doing so, pay attention to the correct polarity! The supply cable should be protected against short circuit by means of a fuse (e.g. on the charge controller).
5. The LED flash light may be switched on and off via the switch on the side.

**Note: Pay attention to the correct polarity when connecting the lamp!**

**Caution: Mortal danger when operated on 230 V mains voltage!**