

Outdoors

Solar Lightchain

Solar-powered LED light chain,
warm white LEDs

Item no. 1559299

Solar-powered LED light chain,
cool white LEDs

Item no. 1559300

Solar-powered LED light chain,
multicoloured LEDs

Item no. 1561365



Polarlite®



Operating instructions

Intended use

The product is designed for use as an outdoor light (IP44). The light turns on automatically in the dark. Power is provided via rechargeable batteries, which charge during the day via a built-in solar panel. The light chain has 8 different light effects that can be selected manually.

For safety and approval purposes, you must not rebuild and/or modify this product. Using the product for purposes other than those described above may damage the product. In addition, improper use may cause hazards such as a fire or short circuit. 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 statutory national and European regulations. All company and product names are trademarks of their respective owners. All rights reserved.

Delivery content

- Solar Lightchain
- Ground spike
- Holder
- Operating instructions

Safety instructions

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



a) Persons / Product

- This product is not a toy. Keep it out of the reach of children and pets.
- Do not leave packaging material lying around carelessly, as it may become dangerous playing material for children.
- This product must not be connected to any other lightchain.
- Check the product for damage before each use. If there are any signs of damage, discontinue use immediately.
- Protect the product from extreme temperatures, strong jolts, flammable gases, vapours and solvents.
- Do not place the product under any mechanical stress.
- If it is no longer possible to operate the product safely, stop using it and prevent unauthorized 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 stress.
- Always handle the product carefully. Jolts, impacts or a fall even from a low height may damage the product.
- The LEDs becomes warm during use. Keep the product away from flammable materials.
- When setting up the product, make sure that the cables are not pinched, kinked or damaged by sharp edges.
- Always lay the cables so that nobody can trip over or become entangled in them, as this may cause an injury.
- This product is designed for outdoor use and is splashproof. However, it must not be used in or under water.
- Warning, LED light: Do not look directly at the LED light! Do not look into the beam directly or with optical instruments!

b) Rechargeable batteries

- Ensure that you insert the batteries in the correct polarity.
- To prevent battery leakage, remove the batteries when you do not plan to use the product for an extended period. Leaking or damaged batteries may cause acid burns when they come into contact with skin. Always use suitable protective gloves when handling damaged batteries.
- Keep batteries out of the reach of children. Do not leave batteries lying around, as they constitute a choking hazard for children and pets.
- Batteries must not be dismantled, short-circuited or thrown into fire. This may cause a fire or explosion!
- All batteries must be replaced at the same time. Mixing old and new rechargeable batteries can cause the batteries to leak and damage the appliance.
- Only use rechargeable batteries that conform to the size and type specifications in the "Technical data" section.
- Only use rechargeable batteries. Never attempt to use disposable, non-rechargeable batteries, as this may cause a fire or explosion.

c) Miscellaneous

- Maintenance, modifications and repairs must be done by a technician or an authorized repair centre.
- If you have questions which remain unanswered by these operating instructions, contact our technical support service or other technical personnel.

Operation

Make sure that the cables hang loose and are not too tight, otherwise they may break.

Do not use the product when it is still in the packaging. The light chain must be unwound and spread out before each use.

Do not hang objects on the product or cover the product.



The LEDs are not dimmable and cannot be replaced.

The rechargeable batteries are inserted into the solar module before the product is shipped.

- Remove the protective film from the solar module.
- Attach the holder to the ground spike. Slide the holder into the hole on the back of the solar module.
- Select a suitable mounting location with a soft surface. Rocky surfaces may damage the ground spike. Carefully insert the ground spike into the ground and ensure that it is securely in place.

Place the solar module in a place with good access to light so that the solar cell can charge the batteries during the day. The solar module should not be covered or placed in the shade (e.g. from trees or buildings).
- Place the lightchain in the desired position..
- Before using the light chain for the first time, leave it to charge in the sun for approximately 8 hours.
- To turn on the product, press the **POWER** button on the back of the solar module. The LEDs turn on automatically when the ambient brightness is low and turn off again during sunlight hours.

- Press the **MODE** on the back of the solar module to select one of the 8 lighting effects. The lighting effects are listed next to the **POWER** button. **COMBINATION** (preset combination of different light effects) > **IN WAVES** (waveform) > **SEQUENTIAL** (trailing effect) > **SLO-GLO** (slow glow effect) > **CHASING/FLASH** (flashing light)> **SLOW FADE** (slow fade) > **TWINKLE/FLASH** (twinkle effect) > **STEADY ON** (always on)
- If you do not plan to use the product for an extended period, turn the product off using the **POWER** button and remove the batteries.

The batteries charge automatically when sunlight shines on the solar panel, regardless of whether the light is switched on or off.

Important notes

- The power of the solar module varies according to the time of year and depends on the duration and strength of the sunlight.
- Keep the solar panel clean. Dust and dirt reduce the efficiency of the solar panel, resulting in a lower charging current.
- During poor weather, you can remove the batteries and charge them with a suitable battery charger. Always follow the instructions in this manual when removing/replacing the batteries.

Replacing the batteries

- Replace the batteries when you notice a significant drop in the battery life despite sufficient charging.
- Turn off the product before opening the battery compartment. Use a Phillips screwdriver to loosen the screws on the back of the solar module, and then remove the battery compartment cover.

- Insert three new rechargeable batteries of the correct size and type into the battery compartment (see "Technical Data"). Ensure that the battery is inserted in the correct polarity ("+" = positive; "-" = negative).
- Replace the battery compartment cover and tighten the screws.

Care and cleaning

- Before cleaning the product, turn off the light and allow it to cool down.
- Do not use abrasive detergents, rubbing alcohol or other chemical solutions, as these may damage the casing or stop the product from functioning properly.
- Use a clean, dry, lint-free cloth to clean the product. To remove stubborn dirt, moisten the cloth slightly with water. Do not press too hard on the solar panel, as this may damage the interior components. Allow the product to dry out completely before using it again.

Technical data

Item No.	1559299	1559300	1561365
Protection rating	IP44		
Operating voltage	3 x 1.2 V, 400 mAh NiMH AA rechargeable batteries		
Power consumption	Max. 1.8 W		
Number of lights	120		
Lamp colour	Warm white	Cool white	Multicoloured
Cable length	1 m		
Lightchain length	6 m		
Total length	7 m		
Distance between lights	Approx. 5 cm		
Operating conditions	-20 to +40 °C		
Storage conditions			
Weight	980 g		

Disposal

a) Product



Electronic devices are recyclable waste and must not be placed in household waste. Always dispose of the product according to the relevant statutory regulations.



Batteries must be disposed of separately from the product.

b) Rechargeable batteries



As the end user, you are required by law to return all used rechargeable batteries. They must not be placed in household waste.

Rechargeable batteries that contain hazardous substances are labelled with this symbol to indicate that disposal in household waste is forbidden. The abbreviations for heavy metals in batteries are: Cd = Cadmium, Hg = Mercury, Pb = Lead (indicated on the battery, e.g. below the waste icon on the left). Used rechargeable batteries can be returned to local collection points, our stores or battery retailers.

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

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