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› Briloner Leuchten 2055-180 Outdoor Solar LED Strip Instruction Manual

Briloner 2055-180

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Model: 2055-180

1. INTRODUCTION

Thank you for choosing the Briloner Leuchten 2055-180 Outdoor Solar LED Strip. This product is designed to provide decorative and ambient lighting for your outdoor spaces, such as gardens, patios, and pathways. Featuring solar power technology and an IP65 rating, it offers an energy-efficient and weather-resistant lighting solution. This manual provides essential information for the safe installation, operation, and maintenance of your LED strip.

2. SAFETY INSTRUCTIONS

- Read all instructions carefully before installation and use.
- This product is designed for outdoor use only. Ensure proper placement away from indoor electrical outlets or connections.
- Do not attempt to open or modify the solar panel or LED strip. This may damage the product and void the warranty.
- Keep the solar panel clean to ensure optimal charging performance.
- Avoid placing the product in areas where it may be submerged in water or exposed to extreme temperatures beyond its operating range.
- The integrated battery is not user-replaceable. Do not attempt to remove or replace it.
- Dispose of the product and its battery responsibly according to local regulations at the end of its lifespan.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 x 3-meter LED Strip
- 1 x 0.5-meter Power Cable (connecting LED strip to solar panel)
- 1 x Ground Spike with Integrated Solar Panel (includes 3.2V 400mAh rechargeable battery)



Image 1: All components of the Briloner Leuchten 2055-180 Outdoor Solar LED Strip, including the solar panel with ground spike and the coiled LED strip.

4. SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Choose a Location:** Select an outdoor location for the solar panel that receives direct sunlight for at least 6-8 hours daily. This is crucial for optimal battery charging and light performance. Avoid shaded areas from trees, buildings, or other obstructions.
2. **Assemble the Solar Panel:** Attach the ground spike to the bottom of the solar panel unit. Ensure it is securely fastened.
3. **Install the Solar Panel:** Insert the ground spike firmly into the soil in your chosen location. Adjust the angle of the solar panel to face the sun directly for maximum exposure.
4. **Position the LED Strip:** Unroll the 3-meter LED strip and place it along your desired path, garden bed, or decorative area. The strip is flexible and can be shaped to fit contours.
5. **Connect the LED Strip:** Connect the 0.5-meter power cable from the LED strip to the corresponding port on

the solar panel unit. Ensure the connection is secure.

6. **Initial Charge:** Before first use, allow the solar panel to charge the battery for a full day (6-8 hours) in direct sunlight with the unit switched OFF (if an ON/OFF switch is present, typically on the back or side of the solar panel). This ensures the battery is fully charged for initial operation.

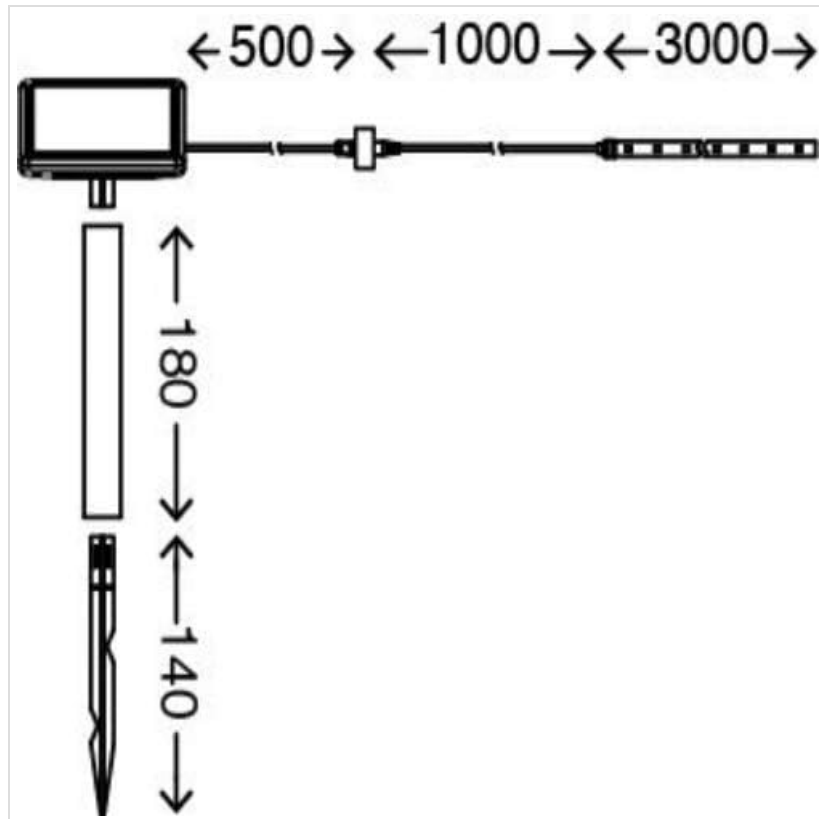


Image 2: Technical diagram illustrating the dimensions and layout of the solar panel, connecting cable, and LED strip.

5. OPERATING INSTRUCTIONS

The Briloner Leuchten 2055-180 LED strip operates automatically:

- **Automatic Operation:** The solar panel has a built-in light sensor. The LED strip will automatically turn on at dusk (when ambient light is low) and turn off at dawn (when ambient light is sufficient).
- **Important Note:** The LEDs are designed to illuminate only in the absence of light. They will not turn on during daylight hours, even if the unit is switched 'ON'.
- **On/Off Switch:** Locate the ON/OFF switch on the solar panel unit. Ensure it is in the 'ON' position for automatic operation. If the switch is 'OFF', the battery will still charge, but the lights will not activate.



Image 3: A close-up view of the illuminated LED strip, showcasing the warm white light emitted by the individual LEDs.



Image 4: A close-up view of the LED strip when unlit, showing the individual LED components and the flexible strip design.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your LED strip:

- **Solar Panel Cleaning:** Periodically wipe the solar panel surface with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures efficient sunlight absorption and battery charging.
- **LED Strip Cleaning:** Gently clean the LED strip with a soft, damp cloth if it becomes dirty. Avoid using harsh

chemicals or abrasive materials.

- **Seasonal Care:** During prolonged periods of bad weather or if not in use for an extended time, you may switch the unit off or store it indoors to preserve battery life.

7. TROUBLESHOOTING

If your Briloner Leuchten 2055-180 LED strip is not functioning as expected, refer to the following:

- **Lights do not turn on at night:**
 - Ensure the ON/OFF switch on the solar panel is in the 'ON' position.
 - Verify the solar panel is receiving sufficient direct sunlight during the day (6-8 hours). Relocate if necessary.
 - Check for any obstructions (e.g., leaves, dirt) on the solar panel and clean it.
 - Ensure there is no external light source (e.g., street light, porch light) directly illuminating the solar panel at night, as this will prevent the light sensor from activating the LEDs.
 - Allow for an initial full day of charging before first use.
- **Lights are dim or only stay on for a short period:**
 - The battery may not be fully charged. Ensure the solar panel is in a location with maximum direct sunlight.
 - Clean the solar panel surface.
 - Performance may be reduced during cloudy days or winter months due to less sunlight. This is normal for solar-powered products.
- **Product appears less bright than expected:**
 - This product is designed for ambient and decorative lighting, not for primary illumination. Its brightness is suitable for accentuating outdoor features.

8. SPECIFICATIONS

Feature	Specification
Brand	Briloner
Model Number	2055-180
Product Dimensions (L x W x H)	300 x 9.5 x 33 cm
Item Weight	210 g
IP Rating	IP65 (Dust tight and protected against water jets)
Number of LEDs	180
Color Temperature	3000 Kelvin (Warm White)
Battery	3.2V 400mAh (integrated in solar panel)
Special Feature	Energy Efficient
Usage	Outdoor



Image 5: Energy efficiency label indicating class G.

9. WARRANTY AND SUPPORT

Specific warranty information for the Briloner Leuchten 2055-180 is not provided in this manual. For warranty details, technical support, or replacement parts, please refer to the retailer where the product was purchased or contact Briloner Leuchten customer service directly. Please retain your proof of purchase for any warranty claims.

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