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› MEIKEE Solar Outdoor Spot Light with Remote Control User Manual

MEIKEE SL-SP04

MEIKEE Solar Outdoor Spot Light User Manual

Model: SL-SP04

1. INTRODUCTION

Thank you for choosing the MEIKEE Solar Outdoor Spot Light. This manual provides detailed instructions for the safe and efficient use of your new solar lighting system. Please read it thoroughly before installation and operation.

This solar spot light system features a remote control, adjustable color temperatures (2700K, 4000K, 6000K), multiple brightness levels, and an IP66 waterproof rating, making it ideal for various outdoor lighting needs.



Image: The complete MEIKEE Solar Outdoor Spot Light system, showing the solar panel, the main control box, the remote control, and four individual spot lights with ground stakes.

2. PACKAGE CONTENTS

Verify that all components are present in your package:

- 1 x Control Box
- 1 x Solar Panel
- 1 x Remote Control
- 4 x Spot Lights
- 1 x Screw Pack (for wall mounting)
- 1 x User Manual (this document)

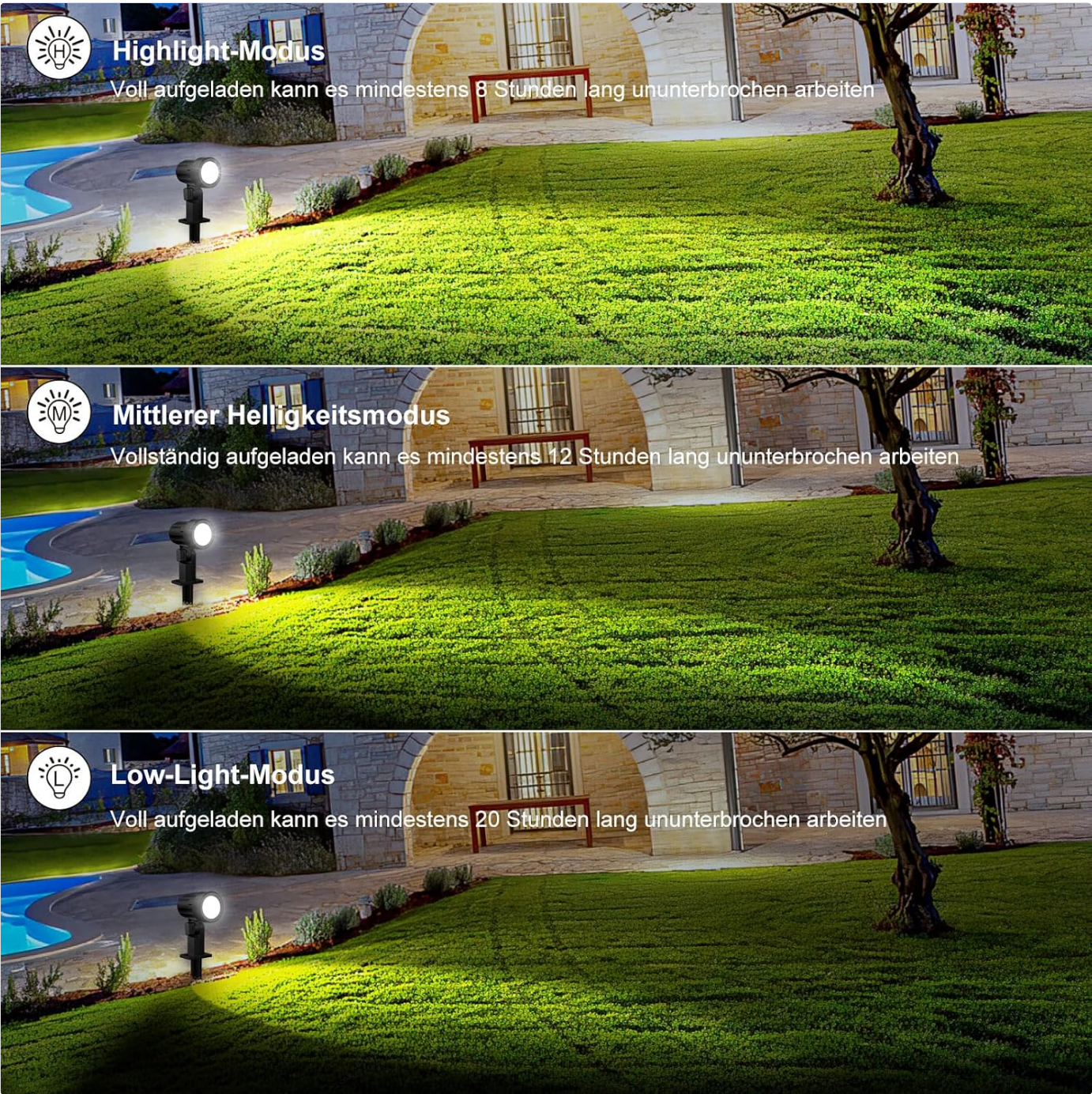


Image: An illustration detailing the various components included in the package, such as the solar panel, control unit, four spot lights, and remote control.

3. SPECIFICATIONS

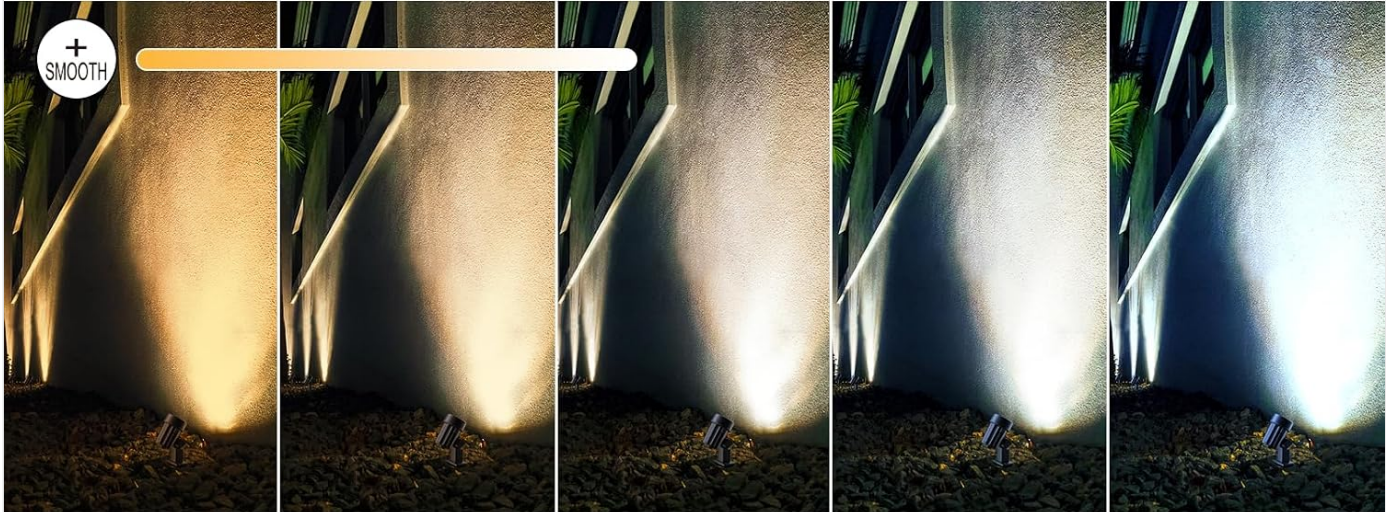
Key technical specifications for the MEIREE Solar Outdoor Spot Light (Model SL-SP04):

Feature	Specification
Brand	MEIREE
Model Number	SL-SP04
Dimensions (L x W x H)	19 x 9 x 22 cm (Control Box and Solar Panel assembly)
Weight	1.5 Kilograms

Style	2700K 4000K 6000K (Adjustable Color Temperature)
Color	Black, Metal
Material	Aluminum, Polycarbonate (PC)
Number of Bulbs	4
Voltage	6 Volts
Power Source	Solar Powered
Wattage	9 Watts
Luminous Flux	140 lm (per light)
Battery Capacity	5000mAh
Working Time	8-20 hours (depending on brightness mode)
Waterproof Rating	IP66
Cable Length	Total 14 meters (45.93 ft)
Remote Control Range	Up to 12 meters
Energy Efficiency Class	F (EPREL Link)

SMOOTH-Modus

Die Farbtemperatur ändert sich zyklisch von 2700K auf 6500K
(Die Änderungsgeschwindigkeit kann angepasst werden)



FLASH-Modus

Im monochromen Zustand blinkt eine einzelne Farbe
(Die Blinkgeschwindigkeit kann angepasst werden)

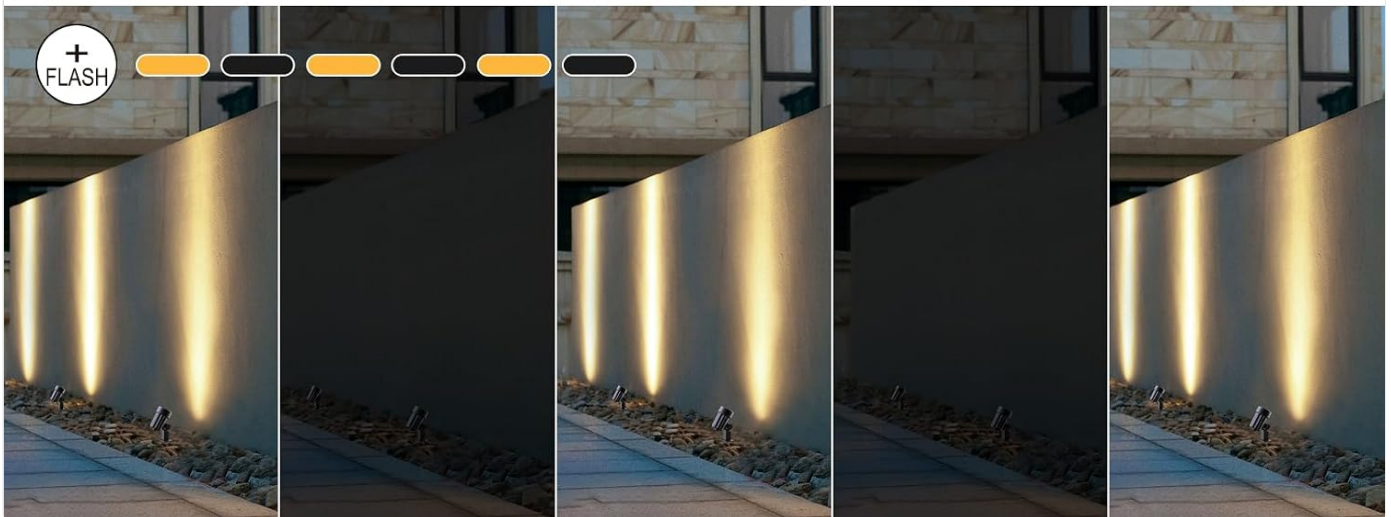


Image: Detailed dimensions of the solar panel and control box, along with the adjustable angles of the spot lights (180 degrees rotation for lamp head, 360 degrees for solar panel).

4. SETUP AND INSTALLATION

The MEIKEE Solar Outdoor Spot Light offers flexible installation options:

4.1 Choosing a Location

- **Solar Panel:** Place the solar panel in a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal charging. The panel can be rotated 360 degrees for best sun exposure.
- **Spot Lights:** Position the spot lights in areas you wish to illuminate, such as gardens, lawns, trees, pathways, or walls. The lamp heads are adjustable by 180 degrees to direct light precisely.

4.2 Installation Methods

You can install the lights using either ground stakes or wall mounting:

4.2.1 Ground Installation

Image: An overhead view illustrating the recommended setup with the solar panel, control box, and four spot lights connected, showing cable lengths and placement in a garden setting.



Image: Demonstrates both wall mounting and ground installation options for the spot lights, highlighting their versatility.

5. OPERATING INSTRUCTIONS

The MEIKEE Solar Outdoor Spot Light is controlled via the included remote control.

5.1 Automatic Operation

The system is designed to charge during the day and automatically turn on at night. Ensure the solar panel is clean and receives adequate sunlight for optimal performance.



Image: Visual representation of the solar panel charging during daylight hours and the lights automatically illuminating at night, emphasizing energy efficiency.

5.2 Remote Control Functions

The remote control allows for comprehensive management of the lighting system:

IP66 Wasserdicht

Das ganze Jahr über sicher
im Freien zu verwenden



Image: A close-up of the remote control, labeling each button and its corresponding function for easy reference.

- **ON/OFF:** Turns the lights on or off.
- **Brightness Adjustment:**
 - **High Brightness Mode:** 650 lm, approximately 8 hours of operation.
 - **Medium Brightness Mode:** 500 lm, approximately 12 hours of operation.
 - **Low Brightness Mode:** 350 lm, approximately 20 hours of operation.
- **Color Temperature Adjustment:**
 - **2700K (Warm Light):** For a cozy, inviting ambiance.
 - **4000K (Natural Light):** A balanced, neutral white light.
 - **6000K (Cool Light):** A bright, crisp white light.
- **SMOOTH Mode:** Cycles through color temperatures from 2700K to 6500K smoothly. The speed of transition can be adjusted.
- **FLASH Mode:** Causes a single color to flash. The flashing speed can be adjusted.

- **Timing Function:** Set the lights to turn off automatically after 2, 6, or 12 hours.
- **Memory Function:** The system remembers the last lighting settings (brightness, color temperature, mode) even after being turned off or experiencing a power outage. You do not need to reconfigure settings.

2700K/4000K/6500K Sie können die Farbtemperatur mit einer Taste anpassen



2700K~6500K Stufenlos einstellbare Farbtemperatur

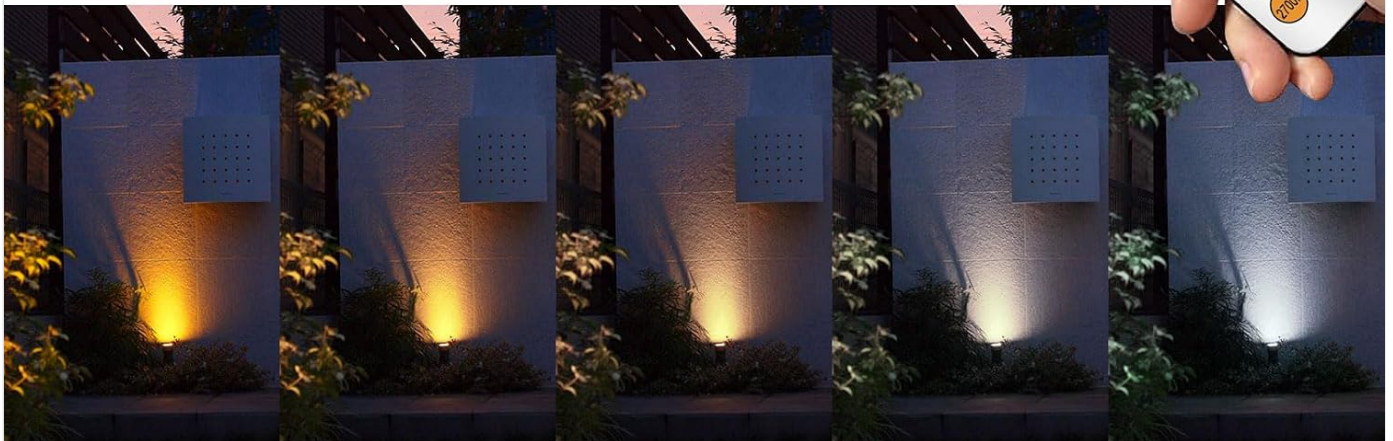


Image: Shows the visual effect of the three adjustable color temperatures (warm, natural, cool white) on a garden path, allowing users to choose their preferred ambiance.



MEIREE

VS



Andere Marken

✓	Mit Fernbedienung, einfach zu bedienen	✗	ohne Fernbedienung
✓	5000-mAh-Akku mit hoher Kapazität	✗	2000-mAh-Akku
✓	Arbeitszeit: 8-20 Stunden	✗	Arbeitszeit: 8-12 Stunden
✓	Geringe /mittlere /hohe Helligkeit optional	✗	Geringe Helligkeit/hohe Helligkeit optional
✓	Lumen: 300LM-600LM (einzelnes Licht)	✗	Lumen: 100-120LM
✓	Farbtemperatur 2700K~6500K einstellbar	✗	Nur 3000K Farbtemperatur
✓	Einzigartiger Farbtemperaturzyklusmodus	✗	Kein Farbtemperatur-Wechselmodus
✓	Mit Memory-Funktion und Timing-Funktion	✗	Ohne Speicherfunktion und Timing-Funktion

Image: Depicts the dynamic effects of the SMOOTH mode (gradual color temperature change) and FLASH mode (single color blinking).

6. MAINTENANCE

To ensure the longevity and optimal performance of your MEIREE Solar Outdoor Spot Light, follow these maintenance guidelines:

- **Clean the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Check Connections:** Periodically inspect all cable connections to the control box and lights to ensure they are secure and free from corrosion.
- **Battery Care:** The integrated 5000mAh battery is designed for long-term use. Avoid prolonged periods of non-use in direct sunlight without discharge, as this can affect battery life.
- **Weather Resistance:** The IP66 waterproof rating ensures the lights can withstand heavy rain. However, avoid submerging the units in water.



Image: A close-up of a spot light in a rainy environment, illustrating its IP66 waterproof and weather-resistant design.

7. TROUBLESHOOTING

If you encounter issues with your MEIKEE Solar Outdoor Spot Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on at night.	Insufficient solar panel charging. Lights are turned off. Sensor obstructed.	Ensure solar panel receives 6-8 hours of direct sunlight daily. Clean the solar panel. Use the remote control to turn the lights ON. Ensure no objects are blocking the light sensor on the solar panel.

Lights are dim or run for a short duration.	Insufficient charging. Battery degradation. Set to low brightness mode.	Relocate solar panel to a sunnier spot. Clean the solar panel. Allow several days of full charge. If problem persists after 2 years, battery may be degrading. Adjust brightness setting using the remote control.
Remote control not working.	Remote battery low/dead. Obstruction between remote and control box. Remote out of range.	Replace remote control battery. Ensure clear line of sight to the control box. Operate remote within 12 meters of the control box.
Lights flicker or behave erratically.	Loose connection. Water ingress in connections.	Check all cable connections to ensure they are tight. Disconnect, dry, and reconnect if moisture is present. Ensure silicone seals are intact.

8. WARRANTY AND SUPPORT

MEIKEE provides a **2-year warranty** for this product, effective from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

If you have any questions, concerns, or require technical assistance, please do not hesitate to contact MEIKEE customer support. We aim to provide a solution within 24 hours.

For support, please refer to the contact information provided on your purchase receipt or the MEIKEE official website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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