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MEIKEE SL-SP03

MEIKEE SL-SP03 Solar Spotlights (3-Pack, 2700K Warm White)

Instruction Manual

INTRODUCTION

Thank you for choosing MEIKEE SL-SP03 Solar Spotlights. This 3-pack of 2700K warm white outdoor lights is designed to provide efficient and versatile illumination for your garden, lawn, trees, and other outdoor areas. Featuring high-efficiency solar charging, IP66 waterproofing, adjustable brightness, and unique lighting modes, these spotlights offer a reliable and aesthetically pleasing lighting solution. Please read this manual carefully before installation and use to ensure optimal performance and longevity of your product.

SAFETY INFORMATION

- Ensure all components are securely connected before use.
- Do not attempt to disassemble or modify the product, as this may void the warranty and pose safety risks.
- Keep the solar panel clean to ensure efficient charging.
- Avoid placing the solar panel in shaded areas, as this will reduce charging efficiency.
- This product is designed for outdoor use and is IP66 waterproof. However, avoid submerging the control box or spotlights in water.
- Dispose of batteries and electronic components responsibly according to local regulations.

PACKAGE CONTENTS

Please check the package to ensure all items are present:

- 1 x Solar Panel
- 1 x Control Box
- 3 x Spotlights
- 1 x Screw Pack (for mounting)
- 1 x Instruction Manual (English)

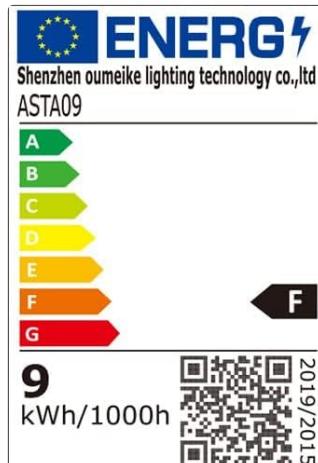


This image illustrates the complete set of MEIKEE solar spotlights, including the solar panel, the central control box, three individual spotlights, and the various cable lengths for connection. Dimensions for the solar panel and spotlights are also provided.

SPECIFICATIONS

Feature	Detail
Brand	MEIKEE
Model Number	SL-SP03
Product Dimensions	14 x 10 x 24 cm (L x W x H)
Item Weight	1.13 Kilograms
Number of Lights	3
Style	2700K Warm White
Material	Acrylonitrile Butadiene Styrene (ABS)
Finish Type	Brushed

Feature	Detail
Voltage	6 Volts
Specific Uses	Garden, Lawn, Tree, Outdoor
Shade Color	White
Light Source Type	LED
Power Source	Solar Powered
Installation Type	Ground Mount, Wall Mount
Luminous Flux	200 Lumen (per spotlight, max)
Wattage	3 Watts (total)
Battery Capacity	5000 mAh
Solar Panel Efficiency	22% conversion rate
Waterproof Rating	IP66
Cable Length (Total)	11 meters



This is the EU Energy Label for the product, indicating its energy efficiency class as F and an energy consumption of 9 kWh per 1000 hours of operation. A QR code is included for more detailed product information on the EPREL database:

<https://eprel.ec.europa.eu/qr/1037453>

SETUP

- 1. Unpack Components:** Carefully remove all items from the packaging.
- 2. Connect Spotlights:** Connect the three spotlights to the central control box. Ensure the connections are firm.
- 3. Connect Solar Panel:** Connect the solar panel to the control box.
- 4. Initial Charge:** Before first use, place the solar panel in direct sunlight for 6-8 hours to fully charge the internal battery. The lights will automatically turn on at dusk once charged.

IP66

Betriebstemperatur
-25°~40°



Wasserdicht



Hitzebeständigkeit



Frostbeständigkeit

This diagram shows how the solar panel converts sunlight into energy during the day (6-8 hours charging time) and how the spotlights automatically turn on at dusk, providing illumination for 8-20 hours depending on the brightness mode.

INSTALLATION

The MEIKEE solar spotlights offer flexible installation options:

- **Ground Installation:** Attach the ground stakes to the spotlights and solar panel. Insert them firmly into soft ground such as lawns or garden beds.
- **Wall Mounting:** Use the provided screws and anchors to mount the spotlights or solar panel on a wall or other hard surface.
- **Adjustable Angle:** The lamp heads can be rotated up to 180° and the solar panel angle can be adjusted manually by 180° to optimize light direction and sun exposure.
- **Cable Management:** The total cable length of 11 meters allows for flexible placement of the solar panel and spotlights across your outdoor area.

Kann um 180 Grad gedreht werden

180-Grad-Drehung



Wandmontage



Boden Installation



This image illustrates the versatile installation options for the MEIKEE solar spotlights. The lamp head can be rotated up to 180 degrees for precise lighting, and the units can be installed either by staking them into the ground or mounting them on a wall.

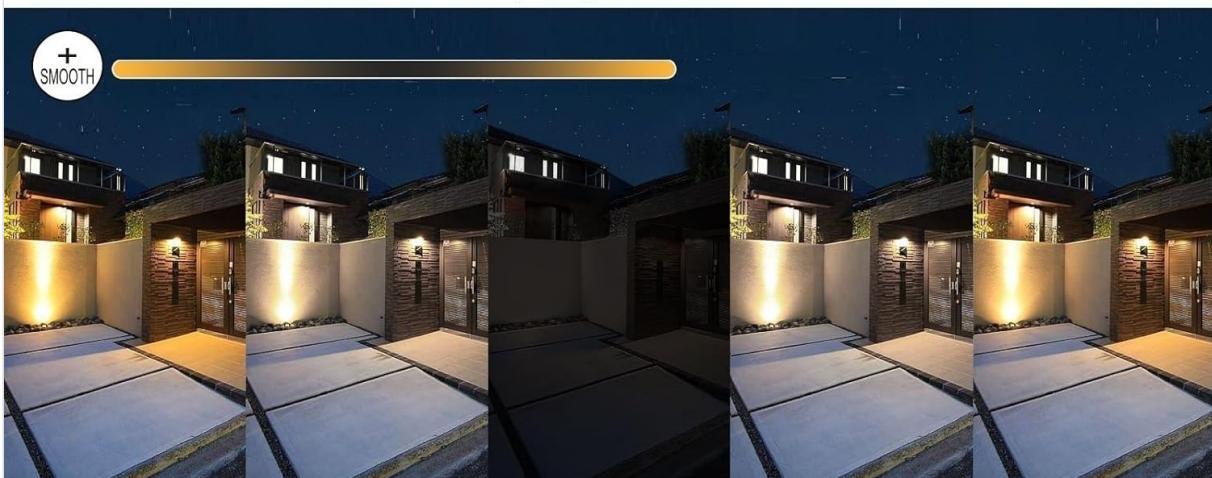
OPERATING INSTRUCTIONS

The MEIKEE solar spotlights are designed for automatic operation and offer various lighting modes:

- **Automatic Dusk-to-Dawn:** The lights will automatically turn on at dusk and turn off at dawn, provided the solar panel receives sufficient sunlight during the day.
- **Brightness Levels:** The spotlights feature 3 adjustable brightness levels. Press the button on the control box to cycle through the modes:
 - **High Brightness Mode:** Provides maximum illumination for approximately 8 hours.
 - **Medium Brightness Mode:** Offers balanced illumination for approximately 12 hours.
 - **Low Brightness Mode:** Extends illumination time to approximately 20 hours.
- **Unique Lighting Modes:** In addition to standard brightness, the spotlights offer two special modes:
 - **SMOOTH Mode:** The brightness gradually transitions from strong to weak, then from weak to strong, creating a continuous cycle.
 - **FLASH Mode:** The light blinks on and off, providing a dynamic flashing effect.
- **Memory Function:** The lights will remember the last selected mode (brightness or special mode) and activate it automatically the next night.

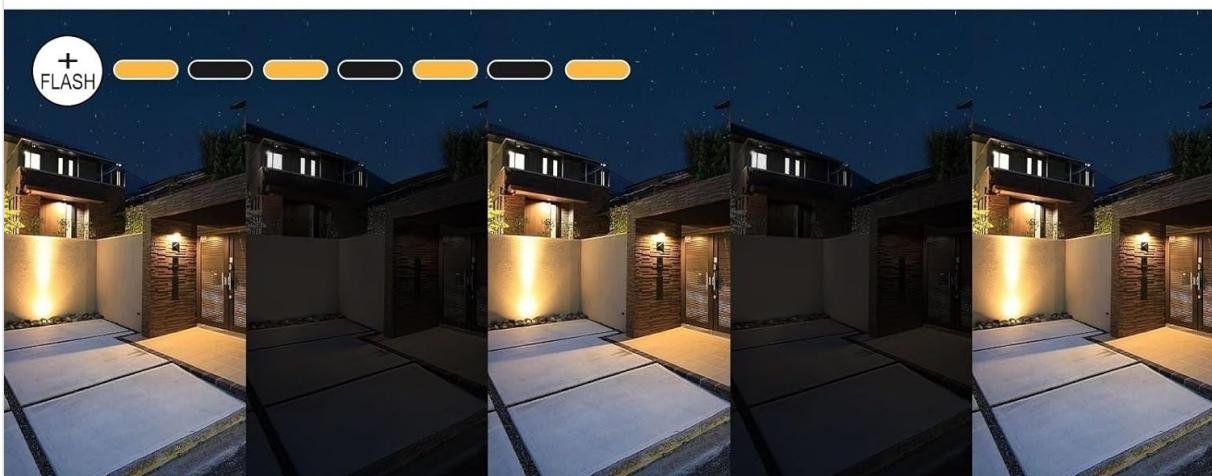
SMOOTH-MODUS

Die Helligkeit ändert sich von stark zu schwach, dann von schwach zu stark und der Zyklus geht weiter.

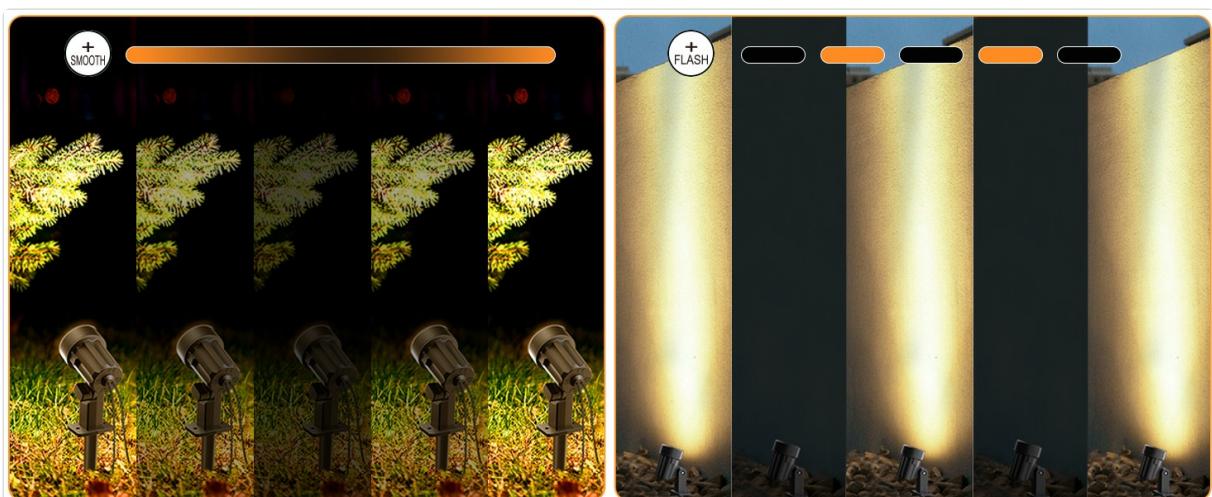


FLASH-MODUS

Blinkmodus, das Licht ist an, dann aus, dann wieder an und so weiter.



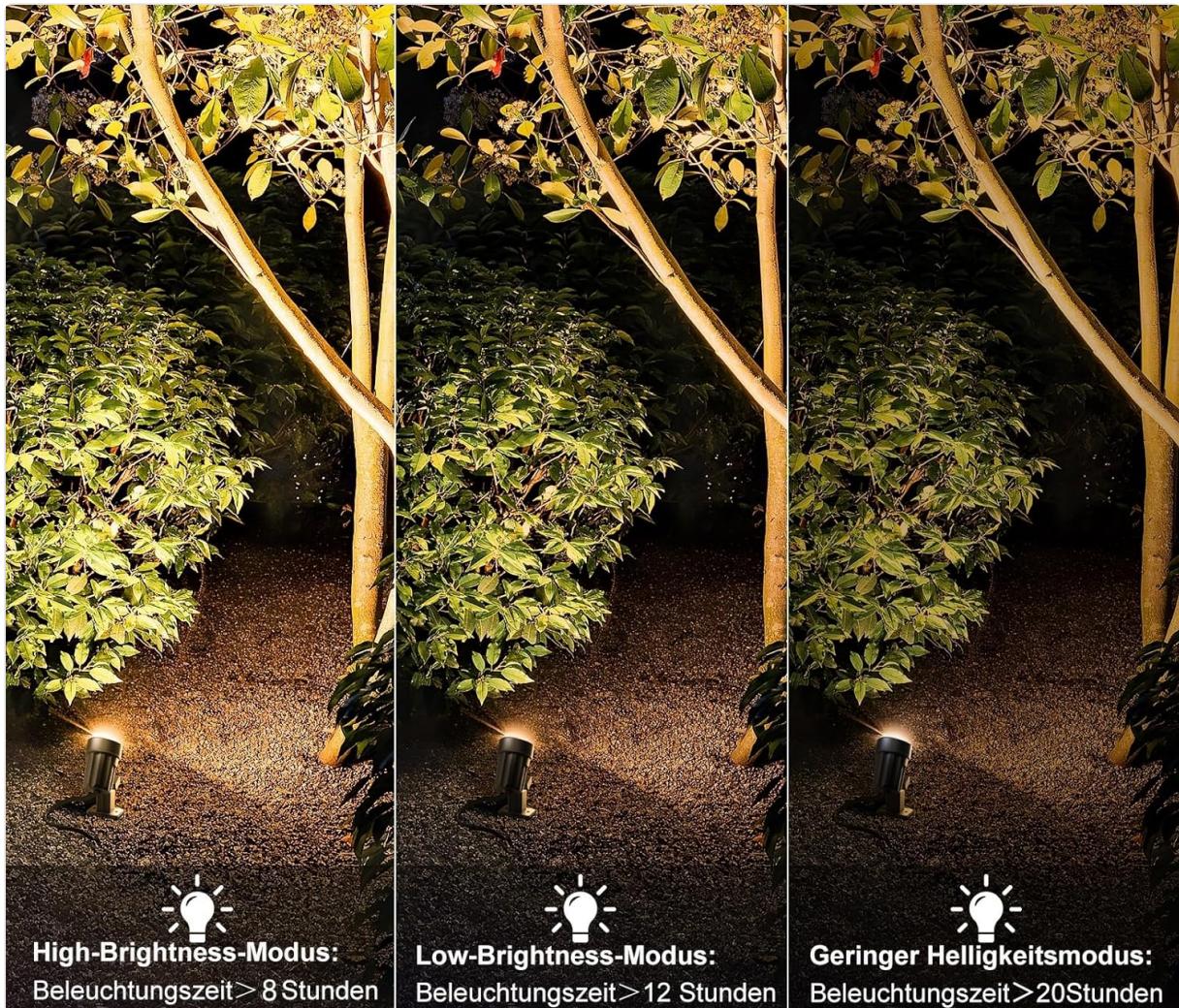
This image demonstrates the three adjustable brightness levels of the MEIKEE solar spotlights: High (8+ hours illumination), Medium (12+ hours illumination), and Low (20+ hours illumination). Users can select the desired brightness to suit their needs and extend operating time.



This image demonstrates the two unique operating modes: SMOOTH mode, where the light gradually transitions from dim to bright and back, and FLASH mode, which provides a blinking light effect. These modes add dynamic ambience to your outdoor space.

MAINTENANCE

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may hinder charging efficiency.
- **Check Connections:** Periodically inspect all cable connections to ensure they are secure and free from corrosion.
- **Weather Resistance:** The IP66 rating ensures the product is protected against dust and powerful water jets. It is designed to withstand rain, heat, and snow, making it suitable for all seasons.
- **Storage:** If storing the lights for an extended period, ensure the battery is fully charged before storage and recharge it every few months to maintain battery health.



Hinweis: Die tatsächliche arbeitszeit und die erforderliche ladezeit werden von der sonneneinstrahlung und dem installationswinkel beeinflusst

This image highlights the IP66 waterproof rating of the MEIKEE solar spotlights, showing them resistant to water spray. It also illustrates their ability to withstand various weather conditions, including high temperatures and snow, making them suitable for year-round outdoor use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on at night.	Insufficient solar charge.	Ensure the solar panel is placed in direct sunlight for 6-8 hours daily. Clean the solar panel surface.

Problem	Possible Cause	Solution
Lights turn off too quickly.	Battery not fully charged or set to high brightness mode.	Ensure adequate charging time. Switch to a lower brightness mode for longer illumination.
Lights flicker or are dim.	Low battery charge or dirty solar panel.	Allow the solar panel to charge fully. Clean the solar panel. Check all connections.
Lights remain on during the day.	Solar panel is in a shaded area or sensor is obstructed.	Relocate the solar panel to an area with full sunlight. Ensure nothing is covering the light sensor on the solar panel.

WARRANTY & SUPPORT

MEIKEE products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty details, please refer to the product packaging or contact MEIKEE customer support.

If you encounter any issues or have questions regarding your MEIKEE SL-SP03 Solar Spotlights, please contact our customer support team through the retailer where you purchased the product or visit the official MEIKEE website for assistance.

MEIKEE Customer Support: [Visit the MEIKEE Store on Amazon](#)