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MEIKEE ASTA20

MEIKEE 20W Warm White Garden Spotlights

Model: ASTA20 | Brand: MEIKEE

1. INTRODUCTION

Thank you for choosing the MEIKEE 20W Warm White Garden Spotlights. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new garden lights. Please read this manual thoroughly before use and retain it for future reference.



This image displays the two MEIKEE 20W warm white garden spotlights, each equipped with a ground spike for easy installation and a connected electrical cable.

2. SAFETY INSTRUCTIONS

To ensure safe operation, please observe the following precautions:

- Always disconnect power before installation, maintenance, or cleaning.
- Ensure the power supply voltage matches the product's specifications (230 Volts).
- Installation should be performed by a qualified electrician if you are unsure.
- Do not immerse the product in water beyond its IP66 rating.
- Keep away from flammable materials.
- Do not attempt to modify or repair the product yourself. Contact customer support for assistance.
- Ensure all connections are secure and waterproof, especially for outdoor use.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 2 x MEIKEE Garden Spotlights
- 1 x Screw Package (for wall mounting)
- 1 x Instruction Manual

4. SPECIFICATIONS

Feature	Specification
Brand	MEIKEE
Model Number	ASTA20
Power	20 Watts per light
Voltage	230 Volts (85-265V compatible)
Light Color	2700K Warm White
Luminous Flux	1880 Lumens per light (3760 Lumens total for 2 lights)
CRI	>80
IP Rating	IP66 (Waterproof & Dustproof)
Operating Temperature	-25°C to 40°C
Lifespan	Up to 50,000 hours
Product Dimensions	7 x 11 x 19 cm (L x W x H)
Item Weight	780 g
Cable Length	1 meter
Material	High-quality Aluminum Alloy

180°
ADjustable



20
Watt

85~265
Stromspannung

1880
Lumen

2700k
Warmweiß

IP66
Wasserdicht

50000+
Hours
Lifespans

Key features of the MEIKEE garden spotlight are highlighted, including its 180-degree adjustable head, 20 Watt power consumption, wide voltage compatibility (85-265V), 1880 lumens of brightness, 2700K warm white light, IP66 waterproof and dustproof rating, and an impressive lifespan of over 50,000 hours.



A technical diagram detailing the dimensions of the spotlight and highlighting key components such as the durable painted aluminum housing, high-quality SMD lamp beads, the 1-meter long electrical cable, the 180-degree adjustable head, and the waterproof rubber seal for the cable entry.

5. SETUP AND INSTALLATION

The MEIKEE garden spotlights offer two primary installation methods: ground mounting and wall mounting.

5.1 Ground Mounting

1. Attach the ground spike firmly to the base of the spotlight.
2. Choose a suitable location in your garden or lawn where the light is desired. Ensure the ground is soft enough to insert the spike.
3. Carefully push the spotlight with the attached spike into the ground until it is stable.
4. Connect the electrical cable to a suitable outdoor power source, ensuring all connections are waterproof and

secure.

5.2 Wall Mounting

1. Remove the ground spike from the spotlight.
2. Use the provided screws and wall plugs to secure the mounting bracket to a wall or other suitable vertical surface.
3. Attach the spotlight securely to the mounted bracket.
4. Connect the electrical cable to a suitable outdoor power source, ensuring all connections are waterproof and secure.



The image shows the versatility of the MEIKEE garden spotlight, which can be installed either by mounting it on a wall using the provided bracket or by inserting it into the ground with the included spike.

6. OPERATING INSTRUCTIONS

Once installed and connected to a power source, the MEIKEE garden spotlights are ready for use.

- **Power On/Off:** The lights will illuminate when connected to a live power source. Use an external switch or timer (not included) to control the power supply to the lights.
- **Adjusting Light Angle:** The spotlight head can be rotated up to 180 degrees vertically. Loosen the adjustment knob on the side of the light, position the light to your desired angle, and then tighten the knob to secure it.
- **Optimal Lighting:** Position the spotlights to highlight specific features such as trees, shrubs, pathways, or architectural elements. The wide beam angle ensures effective illumination over a significant area.



This image illustrates the effective lighting range of the MEIKEE garden spotlights, demonstrating a coverage area of 3-5 meters, which is significantly wider than typical garden lights.



This collage demonstrates the wide range of applications for the MEIKEE garden spotlights, showcasing their use in enhancing garden aesthetics, lighting pathways, accentuating architectural features, and illuminating outdoor recreational areas.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your MEIKEE garden spotlights.

- **Cleaning:** Periodically wipe the light fixture with a soft, damp cloth to remove dirt, dust, and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly check the electrical cable for any signs of damage, fraying, or wear. Ensure all connections remain tight and waterproof.
- **Environmental Resilience:** The IP66 rating ensures protection against dust and strong jets of water. The aluminum alloy body is resistant to moisture, oxidation, and corrosion. The lights are designed to withstand temperatures from -25°C to 40°C, making them suitable for various weather conditions including sun, rain, and snow.



IP66

Wasserdicht



Arbeitstemperatur: -25°C ~ 40°C

-400

0

20

40

60

80

100

120

140



Frostbeständig



Hitzebeständig

The MEIKEE garden spotlight is designed for all-weather use, featuring an IP66 waterproof rating and a robust operating temperature range from -25°C to 40°C, ensuring reliable performance in both freezing and hot conditions.

8. TROUBLESHOOTING

If you encounter issues with your garden spotlights, refer to the following common problems and solutions:

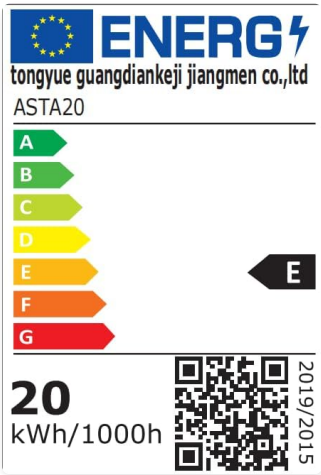
Problem	Possible Cause	Solution
Light does not turn on	No power supply	Check power outlet and circuit breaker.
	Loose connection	Ensure all electrical connections are secure.
	Damaged cable	Inspect the cable for damage; if damaged, discontinue use and replace.
Light is dim or flickers	Insufficient power	Ensure stable power supply.
	Voltage fluctuation	Clean the lens with a soft cloth.
	Dirt on lens	

Water inside the fixture	Improper sealing Damage to housing	Ensure waterproof rubber ring is properly seated and connections are tight. If housing is damaged, discontinue use.
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If the problem persists after attempting these solutions, please contact customer support.

9. ENERGY EFFICIENCY

The MEIKEE ASTA20 garden spotlight is designed with energy efficiency in mind, utilizing high-quality SMD chips to provide bright illumination while saving energy compared to traditional tungsten lamps.



The EU energy label for the MEIKEE ASTA20 garden spotlight indicates its energy efficiency class as E, with an energy consumption of 20 kWh per 1000 hours of operation. For more details, visit the official EPREL database: <https://eprel.ec.europa.eu/qr/2087607>

10. WARRANTY AND SUPPORT

MEIKEE products are manufactured to high-quality standards. For information regarding warranty coverage, technical support, or replacement parts, please refer to the purchase documentation or contact your retailer. Keep your proof of purchase for any warranty claims.

For general inquiries or further assistance, you may visit the official MEIKEE brand store [MEIKEE Store on Amazon](#)

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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.

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