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> MEIKEE 15W 1500LM Low Voltage Landscape Lights (Model DSTA15) Instruction Manual

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Model: DSTA15 | Brand: MEIKEE

PRODUCT OVERVIEW

The MEIKEE 15W 1500LM Low Voltage Landscape Lights are designed for outdoor garden illumination. These spotlights feature premium SMD LEDs and a condenser lens, providing a focused, high-intensity 1500 lumen beam with a 2700K warm white glow. They operate on a safe 12-24V DC/AC low-voltage system and are built with an IP66 waterproof aluminum body, ensuring durability in various weather conditions. The lights offer 270° adjustability for precise illumination.

15W 1500
Lumen

LED Landscape Lights



12-24v

AC/DC

12-24v

AC/DC

2700K

Warm White

15 LEDs

SMD Chips

50000+
Hours

Lifespans

Image: MEIKEE 15W 1500LM LED Landscape Lights. Features include 12-24V AC/DC, 2700K Warm White, 15 LEDs, and over 50,000 hours lifespan.

PACKAGE CONTENTS

- 10 x 15W Landscape Spotlights
- 10 x Ground Spikes
- 20 x Connectors
- 1 x Screw Pack
- 1 x Instruction Manual

TECHNICAL SPECIFICATIONS

Brand	MEIKEE
Model Number	DSTA15
Wattage	15W
Brightness	1500 Lumens
Light Color	2700K Warm White
Voltage	12-24V DC/AC
Water Resistance Level	IP66 Waterproof
Material	Aluminum (body), Acrylonitrile Butadiene Styrene (material type)
Adjustability	270° Adjustable Lamp Head
Mounting Type	Ground Insert / Wall Mount
Item Weight	4 Pounds (for 10-pack)
Cable Length	70cm (approx. 27.5 inches)

Landscape Spotlights Component



Image: Detailed component view of the MEIKEE landscape spotlight, highlighting features like high lumen SMD LED chips, aluminum construction, heat dissipation, 180° vertical rotation, and a waterproof rubber ring.

SETUP AND INSTALLATION

These landscape lights are designed for quick and easy installation, offering both ground insertion and wall mounting options. A low-voltage transformer and low-voltage wires are required for installation and are sold separately.

Wiring Connection

The low-voltage wires are divided into two lines. When connecting, it is not necessary to distinguish between "+" and "-" poles. Use the provided connectors to link the light's wires to your low voltage wire.

1. Divide the power cable into two halves.
2. Put one half of the cable into the large cap of the connector.
3. Screw the pin part into the cap to pierce the power cable.
4. Insert the light wire through the small cap of the connector.
5. Screw the small cap into the joint.
6. Pull test to ensure the wire does not come out.



⊗ Attention: Low Voltage Wires and Transformer are Not included.



Image: Step-by-step guide for connecting the low voltage wires to the landscape lights using the provided connectors. Note: Low voltage wires and transformer are not included.



Video: Demonstrates how to connect the low voltage landscape lights. This video shows the process of splitting the wire, inserting it into the connector, and securing the connection.

Mounting Options

You can choose between ground insertion using the included spike or wall mounting.

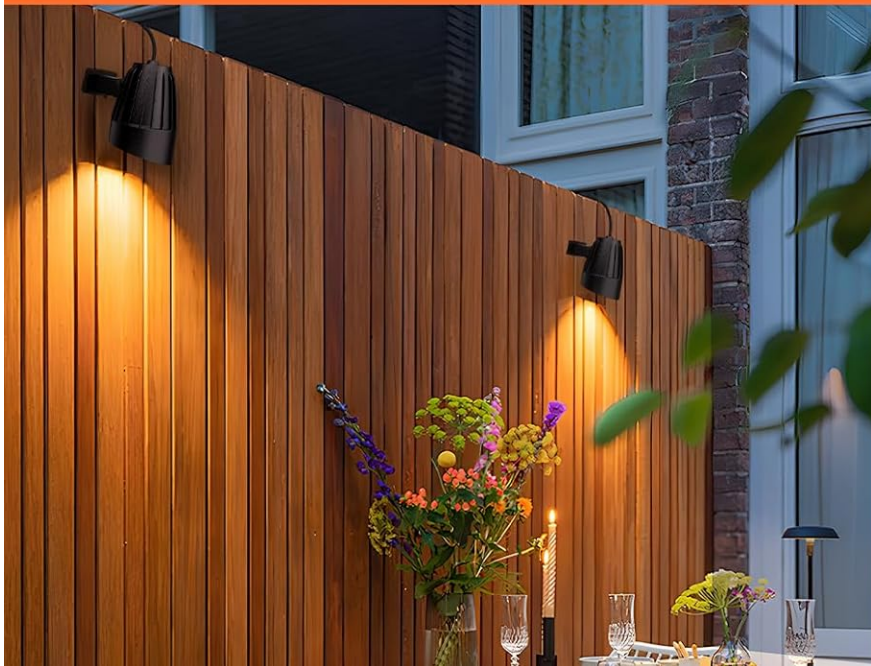
- **Ground Inserted:** Connect the spike to the light, then insert it into the ground. Adjust the light angle as needed.
- **Wall Mounted:** Fix the holder to the wall using screws (from the screw pack), then attach the light to the holder. Adjust the light angle as needed.



Ground Inserted



2 Mounting Ways



Wall Mounted

Image: Illustration of the two available mounting methods: ground insertion and wall mounting. Both methods allow for angle adjustment.

OPERATING INSTRUCTIONS

Once properly installed and connected to a compatible 12-24V DC/AC low-voltage transformer (not included), the

lights will operate according to the transformer's settings. Ensure the transformer is powered on to activate the lights.

- **Adjusting Light Angle:** The lamp head can be adjusted up to 270° to direct the light precisely where needed. Loosen the adjustment screw, position the light, and then tighten the screw to secure it.
- **Power On/Off:** Control the lights via the connected low-voltage transformer.



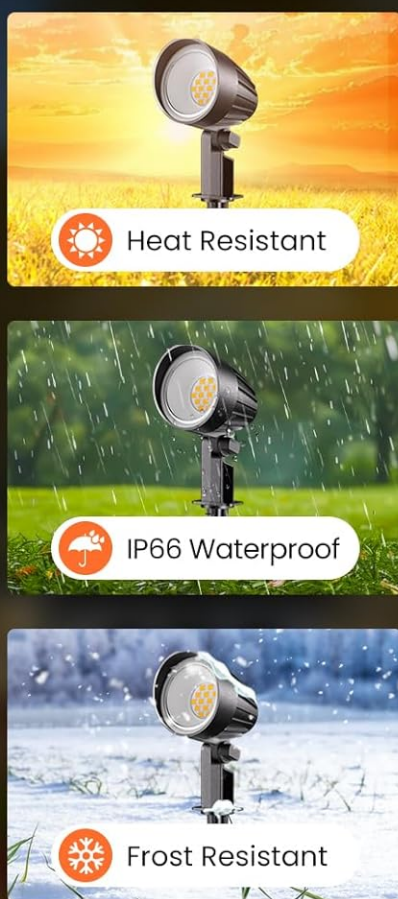

Image: The MEIKEE landscape light features 270° rotational adjustment, allowing users to direct the 2700K warm white light as desired.

MAINTENANCE

To ensure optimal performance and longevity of your MEIKEE landscape lights, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the lens and housing with a soft, damp cloth to remove dirt, dust, or debris that may obstruct light output. Avoid abrasive cleaners.
- **Inspection:** Regularly inspect wires and connections for any signs of damage, wear, or corrosion. Ensure all connections remain secure.
- **Weather Resistance:** The lights are IP66 waterproof, designed to withstand rain, snow, and extreme temperatures (-25°C to 40°C). However, avoid submerging the lights in water.

IP66 WATERPROOF NO FEAR OF BAD WEATHER




Heat Resistant

IP66 Waterproof

Frost Resistant

Working Temperature Range: -25°C~40°C



Temperature (°C)	Color
-30	Blue
-20	Blue-Green
-10	Green
0	Yellow-Green
10	Yellow
20	Orange
30	Red-Orange
40	Red
50	Dark Red

Image: The MEIKEE landscape lights are IP66 waterproof, heat resistant, and frost resistant, designed for reliable performance across a wide temperature range.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights not turning on	<ul style="list-style-type: none"> No power to the transformer. Loose or incorrect wiring connections. Faulty transformer. 	<ul style="list-style-type: none"> Check if the transformer is plugged in and receiving power. Verify all wire connections are secure and properly installed. Test the transformer with a multimeter or replace it if suspected faulty. Ensure the transformer's wattage capacity is sufficient for all connected lights.
Lights are dim or flickering	<ul style="list-style-type: none"> Insufficient power from the transformer. Long wire runs causing voltage drop. Damaged light or wiring. 	<ul style="list-style-type: none"> Ensure the transformer's wattage is adequate for the total load. Use thicker gauge wires for longer runs or reduce the number of lights per run. Inspect lights and wires for physical damage and replace if necessary.
Water inside the light housing	<ul style="list-style-type: none"> Improperly sealed connections. Damage to the light's waterproof seals. 	<ul style="list-style-type: none"> Re-check all wire connections and ensure they are tightly sealed. If the light itself is damaged, it may need replacement.

WARRANTY AND SUPPORT

MEIKEE products come with a **2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For any questions, technical assistance, or warranty claims, please contact MEIKEE customer support. You can reach us via email through Amazon or by using the contact information provided in your product packaging. We aim to provide a timely response within 24 hours.

For more information and to explore other MEIKEE products, please visit the official [MEIKEE Store on Amazon](#).