

## MEIKEE DSTA15

# MEIKEE 12W Low Voltage Landscape Light User Manual

Model: DSTA15

## 1. INTRODUCTION

Thank you for choosing the MEIKEE 12W Low Voltage Landscape Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new landscape light. Please read these instructions thoroughly before use and retain them for future reference.

### Package Contents:

- MEIKEE 12W Low Voltage Landscape Light (1 unit)
- Easy Setup Wire Connectors



Image 1.1: Overview of the MEIKEE 12W Low Voltage Landscape Light highlighting key features.

## 2. SAFETY INFORMATION

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Please observe the following safety precautions to prevent injury or damage to the product:

- Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- This product operates on 12-24V DC/AC low voltage. A low voltage transformer (not included) is required for operation. Do not connect directly to 120V AC household current.
- All electrical connections should comply with local codes and regulations. If unsure, consult a qualified electrician.
- Do not attempt to modify or disassemble the light fixture.
- Keep children away from the installation area.

## 3. SPECIFICATIONS

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Feature	Specification
Brand	MEIKEE
Model Name	DSTA15
Wattage	12 Watts
Brightness	1200 Lumens
Color Temperature	2700 Kelvin (Warm White)
Voltage	12-24V DC/AC
Material	Aluminum
Water Resistance Level	IP66 Waterproof
Product Dimensions	2.8"L x 2.8"W x 6.77"H
Light Source Type	LED
Adjustable Head	270° Rotational

# IP66 WATERPROOF

## NO FEAR OF BAD WEATHER



Working Temperature Range:  $-25^{\circ}\text{C} \sim 40^{\circ}\text{C}$



Image 3.1: IP66 Waterproof rating and weather resistance of the light.

## 4. SETUP & INSTALLATION

Before installation, ensure you have a compatible 12-24V low voltage transformer and low voltage wires (not included in this package).

### 4.1 Mounting Options

The MEIKEE landscape light offers two primary mounting methods:

#### Ground Inserted:

1. Attach the spike to the bottom of the light fixture.
2. Insert the spike firmly into the ground at your desired location.

#### Wall Mounted:

1. Mark the desired mounting position on the wall.
2. Drill pilot holes for the mounting screws.

3. Secure the light fixture's base to the wall using appropriate screws (not included).



Image 4.1: Illustration of ground inserted and wall mounted installation methods.

## 4.2 Wiring Instructions

The landscape light connects to your low voltage wiring system using the provided wire connectors. The low voltage wires from the light are typically red and black. These wires do not require distinguishing between positive and negative poles for AC low voltage systems.

1. Carefully divide the main low voltage power cable into two halves at the connection point.
2. Insert one half of the power cable into the large cap of the wire connector.
3. Screw the pin part of the connector into the power cable, ensuring it pierces the cable insulation to make contact with the conductor.
4. Insert one of the light's wires (red or black) through the small cap of the wire connector.
5. Screw the small cap into the joint, ensuring the light's wire makes secure contact.
6. Repeat steps 2-5 for the other half of the power cable and the remaining light wire.
7. Gently pull on the wires to ensure all connections are secure and the wires do not come out.

**Note: The low voltage transformer and main low voltage wires are NOT included with this product.**

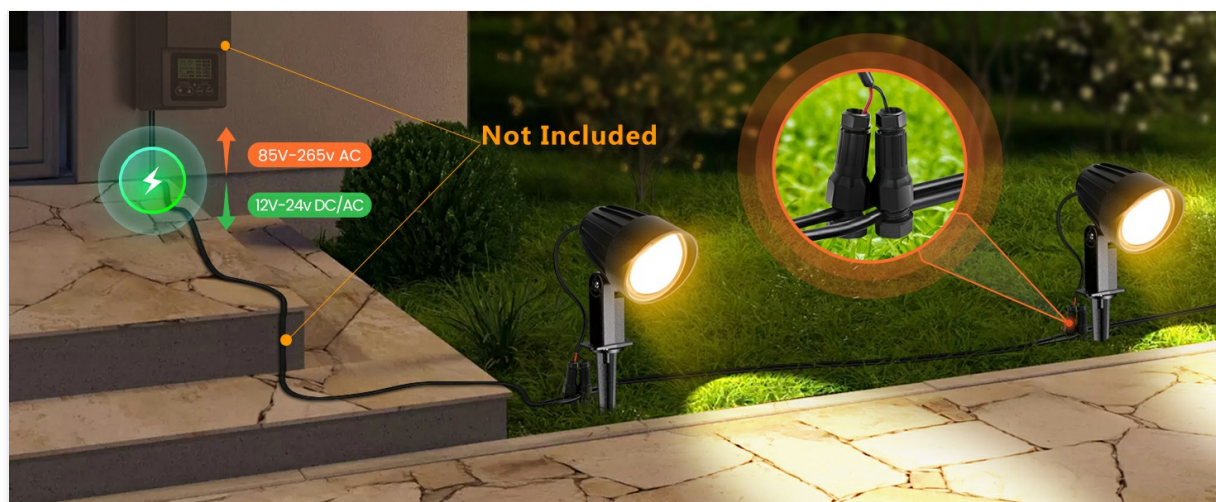


Image 4.2: Detailed steps for connecting the low voltage wires.

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Video 4.1: This video demonstrates the process of connecting the low voltage wires to the landscape light using the provided connectors. It shows how to prepare the wires and secure them within the connector for a proper electrical connection.

## 5. OPERATING INSTRUCTIONS

Once properly installed and connected to a compatible low voltage transformer, the MEIKEE landscape light will operate according to the transformer's settings (e.g., dusk-to-dawn, timer-controlled, or manual switch). Ensure the transformer is powered on for the lights to function.

### Adjusting the Light Angle:

The light head features a 270° adjustable rotation. Loosen the adjustment screw on the side of the fixture, position the light to your desired angle, and then tighten the screw to secure it. This allows for precise illumination of trees, pathways, or architectural features.



Image 5.1: Demonstration of the 270° adjustable head for directing light.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your landscape light.

- **Cleaning:** Periodically clean the lens and exterior of the fixture with a soft, damp cloth to remove dirt, dust,

and debris. Ensure the power is off before cleaning. Do not use abrasive cleaners or solvents.

- **Inspection:** Regularly inspect the wiring and connections for any signs of damage, wear, or corrosion. Ensure all connections remain secure. Check the ground stake or wall mount for stability.
- **LED Lifespan:** The integrated LED light source has a long lifespan (50,000+ hours) and is not user-replaceable.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on	No power to the transformer Loose or faulty wiring connection Faulty transformer Damaged light fixture	Check if the transformer is plugged in and receiving power. Verify all wire connections are secure. Test the transformer with another low voltage device. If the light is still not working, contact customer support.
Light is dim or flickers	Insufficient power from transformer Loose wiring connection Voltage drop due to long wire runs or thin gauge wire	Ensure the transformer's wattage capacity is sufficient for all connected lights. Check and tighten all wire connections. Consider using heavier gauge wire or shorter runs to reduce voltage drop.
Water inside the fixture	Improper sealing or damage to the fixture	Although rated IP66, inspect the fixture for any visible cracks or damage. Ensure all seals are intact. If water ingress persists, discontinue use and contact customer support.

## 8. WARRANTY & SUPPORT

The MEIKEE 12W Low Voltage Landscape Light comes with a **Lifetime Warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact MEIKEE customer service through the retailer where the product was purchased or visit the official MEIKEE website for contact information.