

DEWENWILS HGSL05A

DEWENWILS LED Low Voltage Landscape Lights (Model HGSL05A) Instruction Manual

Model: HGSL05A

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and use. Retain this manual for future reference.

- **Electrical Safety:** This product is designed for 12V low voltage systems. Do not connect directly to 110V-120V household current without a compatible low voltage transformer (not included).
- **Outdoor Use:** Designed for outdoor use only. Ensure all connections are secure and waterproof to prevent electrical hazards.
- **Installation:** Install in accordance with local electrical codes and ordinances. If unsure, consult a qualified electrician.
- **Maintenance:** Disconnect power before performing any maintenance or adjustments.
- **Damage:** Do not operate if the product or wiring is damaged.

2. PRODUCT OVERVIEW

The DEWENWILS LED Low Voltage Landscape Lights are designed to provide bright, warm white illumination for outdoor spaces. These 14W, 540 Lumen spotlights feature a durable die-cast aluminum construction and an IP65 waterproof rating, making them suitable for various weather conditions. The adjustable head allows for precise light direction.



540LM



CRI 80



3000K



14W

Image 2.1: Four DEWENWILS LED Low Voltage Landscape Lights installed in a garden setting, illuminating palm trees.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- LED Landscape Spotlight (4 units)
- Die-cast Aluminum Spike (4 units)
- Quick-install Wire Connector (4 units, pre-attached to 15-inch extension cord)
- Instruction Manual

Note: A low voltage transformer and low voltage wires are not included and must be purchased separately.

4. INSTALLATION INSTRUCTIONS

Follow these steps for proper installation of your landscape lights:

4.1 Prepare the Area

- Plan the layout of your lights to ensure adequate coverage and desired aesthetic.
- Ensure you have a compatible 12V low voltage transformer and appropriate low voltage wiring (not included).

4.2 Connect the Lights to Wiring

1. Take one quick-install wire connector attached to the spotlight's extension cord.
2. Open the connector and carefully insert your low voltage main wire into the designated slots. Ensure the wire is fully seated.
3. Close the connector firmly until it locks, piercing the wire insulation to establish an electrical connection.
4. Repeat for all spotlights.



Quick-install wire connector

Please use the low voltage transformer(not included) to change the 110V to 12V working voltage.



Image 4.1: Illustration of how to use the quick-install wire connector to attach the spotlight to the main low voltage cable.

4.3 Position the Spotlights

1. Attach the die-cast aluminum spike to the bottom of each spotlight.
2. Insert the spike into the ground at your desired location. For easier insertion, you may use your foot on the designated foot-step area of the spike.
3. Adjust the angle of the spotlight head (up to 270°) to direct the light as needed.



Image 4.2: Demonstrates using the foot-step on the spike for easy ground installation.

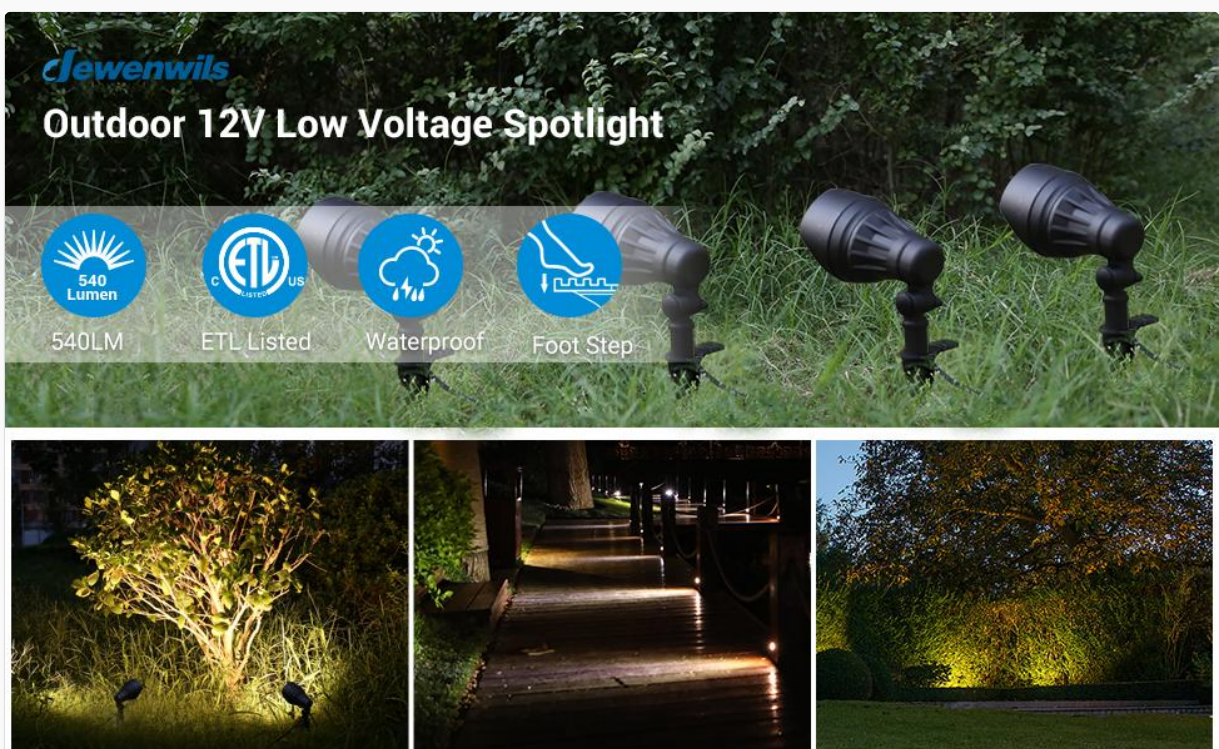


Image 4.3: Multiple landscape lights installed around plants and trees, providing illumination.

4.4 Connect to Power

Once all lights are connected to the low voltage wiring and positioned, connect the low voltage wiring to your 12V low voltage transformer. Plug the transformer into a standard 110V-120V outdoor outlet.

4.5 Installation Video Guide

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Video 4.1: This video demonstrates the installation process for DEWENWILS low voltage landscape lights, including connecting wires and staking the lights into the ground. It also shows the lights in various outdoor settings.

5. OPERATING INSTRUCTIONS

These landscape lights are designed for simple operation once installed:

- **Power On/Off:** The lights will turn on when power is supplied by the connected low voltage transformer. Operation is controlled by the transformer's settings (e.g., timer, photocell, manual switch).
- **Light Direction:** The spotlight head can be manually adjusted up to 270 degrees to illuminate specific features such as trees, walls, or pathways.
- **Light Output:** Each light provides 540 lumens of 3000K warm white light, ideal for creating a pleasant outdoor ambiance.

6. MAINTENANCE

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

- **Cleaning:** Periodically clean the light fixtures with a soft, damp cloth to remove dirt, dust, and debris. Do not use abrasive cleaners or solvents.
- **Inspect Wiring:** Regularly check the low voltage wiring and connectors for any signs of damage, wear, or loose connections. Repair or replace as necessary.
- **Waterproof Integrity:** The lights are IP65 rated for water resistance. Ensure the connections remain sealed. If any part appears compromised, address it to maintain waterproof integrity.
- **Bulb Replacement:** These lights feature integrated LED light sources and do not require bulb replacement. If a light fails, the entire unit may need to be replaced.



Image 6.1: A DEWENWILS landscape light shown in rainy conditions, highlighting its IP65 waterproof design.

7. TROUBLESHOOTING

If your landscape lights are not functioning as expected, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
Lights do not turn on.	No power to the transformer.	Check if the transformer is plugged in and the outlet has power. Test the outlet with another device.
	Faulty transformer.	Test the transformer with a multimeter or try a different transformer.
	Loose or incorrect wire connections.	Ensure all quick-install connectors are firmly closed and making proper contact with the main low voltage wire.
	Damaged low voltage wire.	Inspect the entire length of the low voltage wire for cuts or damage. Replace if necessary.

Problem	Possible Cause	Solution
One or more lights are out.	Faulty individual light unit.	If other lights on the same circuit are working, the individual light unit may be defective. Contact customer support for replacement if within warranty.
Lights flicker.	Loose wire connection or insufficient power.	Check all wire connections. Ensure the transformer's wattage capacity is sufficient for the total wattage of all connected lights.

8. SPECIFICATIONS

Brand	DEWENWILS
Model Number	HGSL05A
Wattage	14 Watts per light
Brightness	540 Lumens per light
Light Color	3000K Warm White
Voltage	12 Volts (Low Voltage)
Material	Die-cast Aluminum
Water Resistance Level	IP65 Waterproof
Beam Angle	70°
Adjustable Head	270°
Extension Cord Length	15 inches (per spotlight)
Mounting Type	Ground Mount (with spike)
Operating Temperature	-40°F to 140°F (-40°C to 60°C)
Item Dimensions (L x W x H)	13"L x 10"W x 6.98"H (overall package)
Item Weight	6.75 Pounds (overall package)



Image 8.1: Detailed diagram illustrating the dimensions and key components of the spotlight, including the integrated LED, die-cast aluminum housing, spike, and extension cord.

9. WARRANTY AND SUPPORT

Warranty: This DEWENWILS product is covered by a 1-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

What is Not Covered: This warranty does not cover damage caused by improper installation, accident, abuse, misuse, natural disaster, or unauthorized modification or repair.

Customer Support: For warranty claims, technical assistance, or any questions regarding your DEWENWILS LED Low Voltage Landscape Lights, please contact DEWENWILS customer support through the retailer's platform or visit the official DEWENWILS website for contact information.

Please have your model number (HGSL05A) and proof of purchase ready when contacting support.