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› HIBOITEC Low Voltage Landscape Lights CDD-1008 Instruction Manual

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HIBOITEC Low Voltage Landscape Lights CDD-1008 Instruction Manual

Model: CDD-1008

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1. INTRODUCTION

Thank you for choosing HIBOITEC Low Voltage Landscape Lights. This manual provides essential information for the safe installation, operation, and maintenance of your new landscape lighting system. Please read it thoroughly before use and retain it for future reference.

Light Up Your Pathway

Safe steps all nights

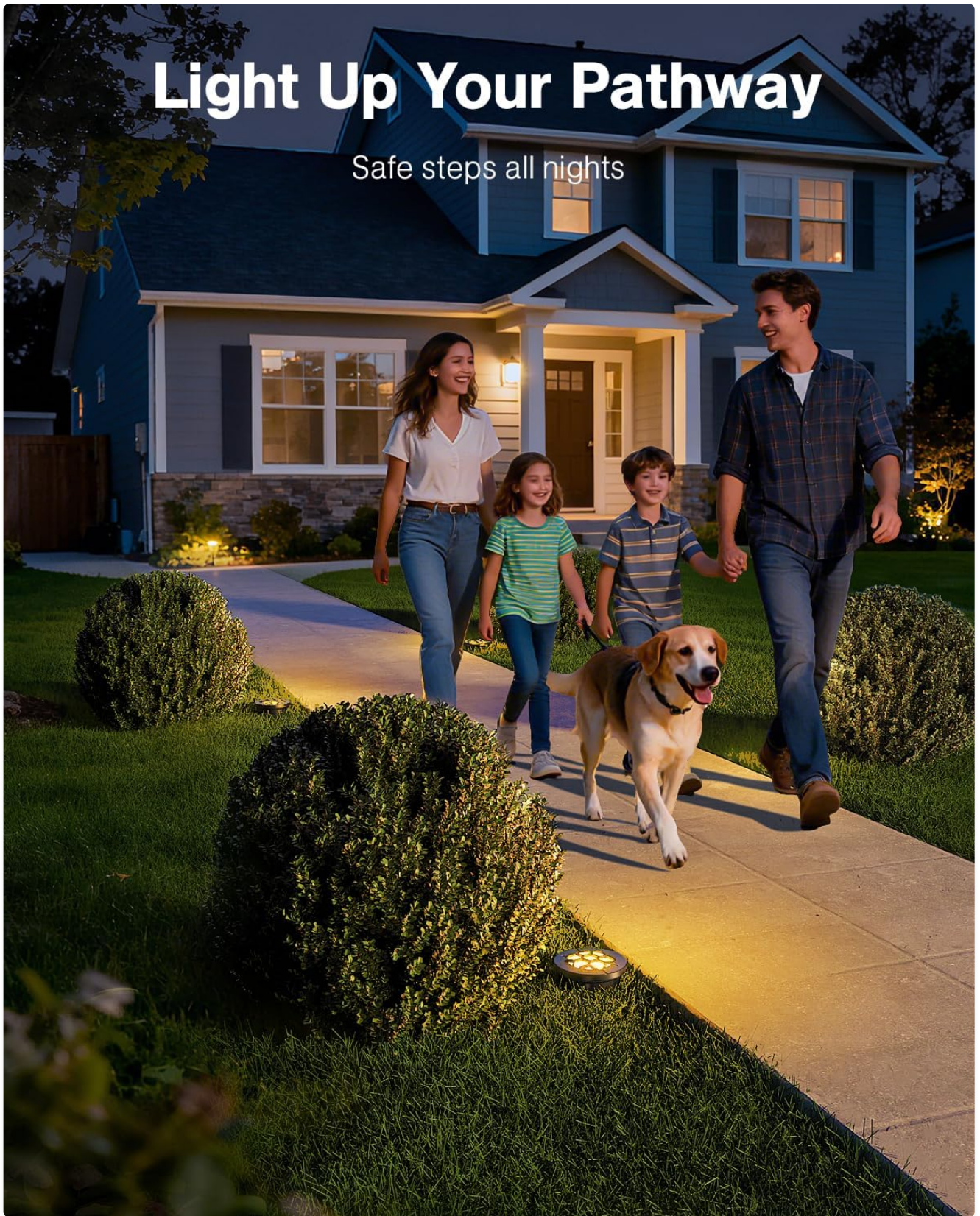


Image 1.1: HIBOITEC landscape lights illuminating a pathway.

These 12W LED in-ground lights provide 1200 lumens of ultra-bright, warm white illumination (3000K) with a CRI 90 for natural color rendering. Designed for outdoor use, they feature an IP67 waterproof rating and durable die-cast aluminum construction, ensuring reliable performance in various weather conditions.

2. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- 2 x Low Voltage Well Lights
- 2 x Wire Connectors
- 1 x Instruction Manual (this document)

3. SAFETY INFORMATION

WARNING: Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always disconnect power to the transformer before installing or servicing the lights.
- Ensure the power supply is 12-24V AC/DC low voltage. Do not connect directly to 120V AC household current.
- Use only with a low voltage landscape lighting transformer (not included).
- Do not submerge the lights in water for extended periods, despite their IP67 rating.
- Keep children and pets away from the installation area.
- Do not attempt to modify or repair the lights. Contact customer support for assistance.
- Ensure all wire connections are secure and waterproof to prevent electrical hazards.

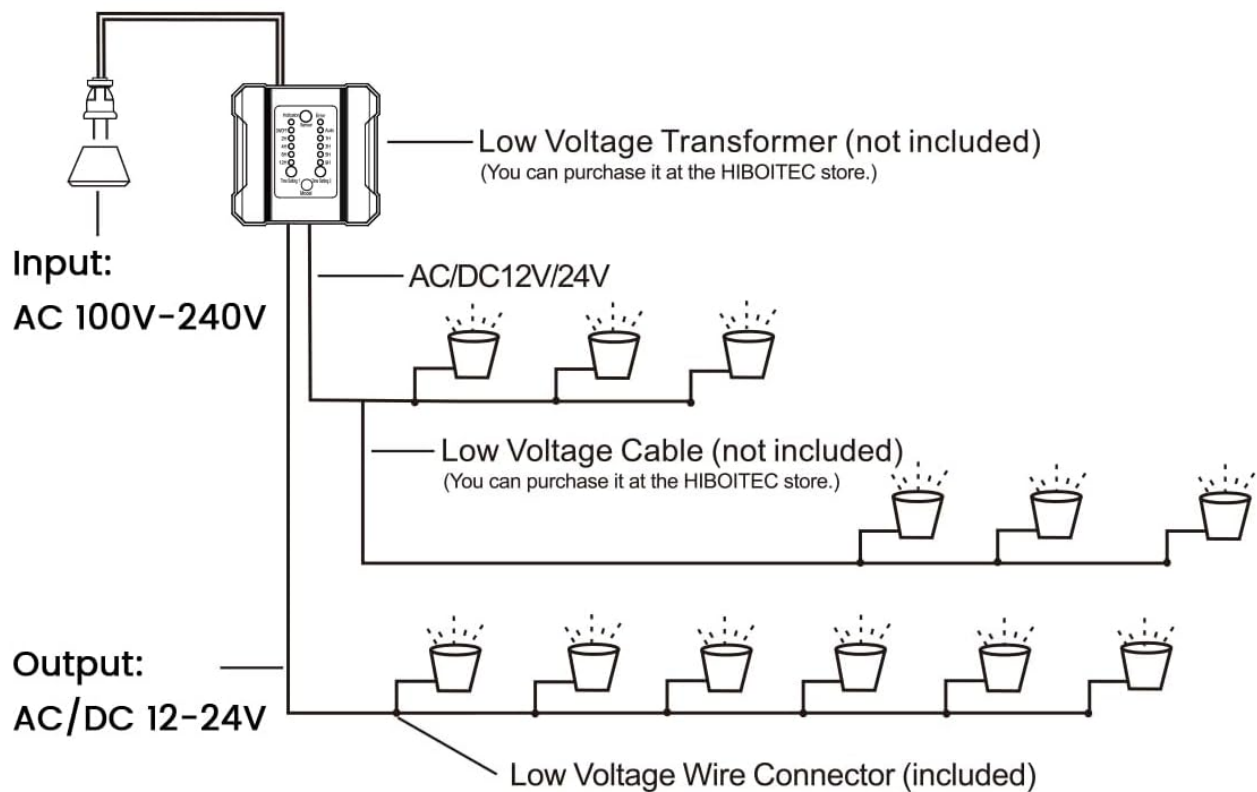
4. SETUP AND INSTALLATION

These lights are designed for easy DIY installation with standard low voltage landscape lighting systems. A transformer and low voltage cable are required but not included.

4.1 System Overview

Installation

Note: No transformer and cable in this set



Power:	12W
Voltage:	AC/DC 12-24V
Connection Method:	Parallel
Color Temp:	3000K (Warm white light)
Beam Angle:	90°
Material:	Aluminum Metal+ABS

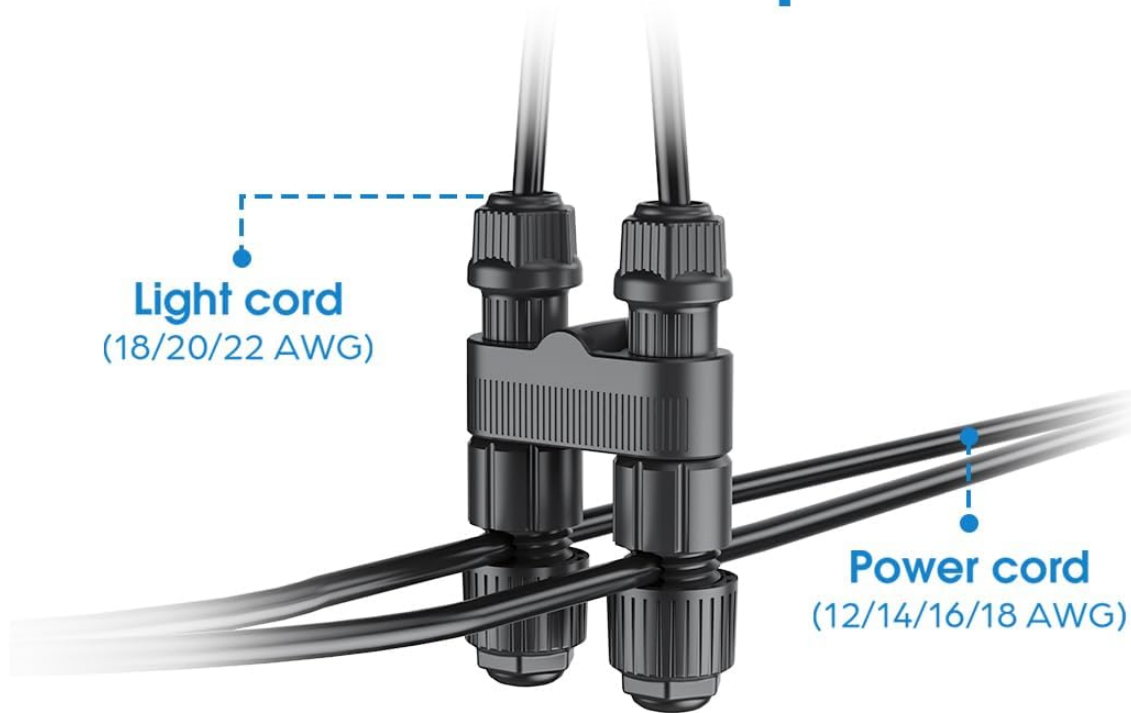
Image 4.1: Typical low voltage landscape lighting setup.

The diagram above illustrates a typical low voltage landscape lighting setup. The lights operate on 12-24V AC/DC power supplied by a compatible transformer. Connections are made in parallel using the included wire connectors.

4.2 Wire Connector Installation Steps

The included wire connectors facilitate a secure and waterproof connection to your low voltage cable.

Wire Connector Operation



Wire Connectors Installation

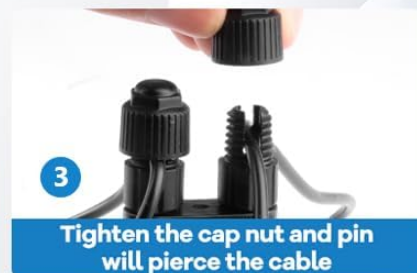


Image 4.2: Detailed steps for connecting wires using the provided connectors.

1. **Prepare the Cable:** At the desired connection point on your main low voltage cable (12/14/16/18 AWG), carefully split the cable jacket to expose the two insulated wires. Do not cut the wires.
2. **Insert Main Cable:** Open the wire connector and place one of the main cable's insulated wires into the designated groove.
3. **Secure Main Cable:** Tighten the cap nut on the connector. The internal pin will pierce the insulation, making electrical contact.
4. **Prepare Light Wire:** Strip approximately 1/4 inch (6mm) of insulation from the end of one wire from the landscape light.
5. **Insert Light Wire:** Insert the stripped end of the light wire into the small hole on the side of the connector.

6. **Secure Light Wire:** Tighten the cap nut for the light wire connection. Gently pull the light wire to ensure a secure connection. Repeat for the second wire.

Placement: Dig a hole large enough to accommodate the light fixture, ensuring the top is flush with the ground for optimal light spread and protection. Position lights to highlight desired features such as trees, pathways, or garden beds.

4.3 Installation Video Guide

For a visual guide on the product's features and installation, please watch the video below:

Your browser does not support the video tag.

Video 4.3: An overview of HIBOITEC Low Voltage In-Ground Lights, demonstrating their application and features.

5. OPERATING INSTRUCTIONS

Once properly installed and connected to a low voltage transformer, the HIBOITEC landscape lights will operate according to the schedule set on your transformer. These lights do not have an individual on/off switch.

- **Power On/Off:** Control the lights via your low voltage landscape lighting transformer.
- **Light Output:** The lights provide a consistent 1200 lumens of warm white light.
- **Beam Angle:** The light has a 90-degree beam angle, ideal for uplighting and pathway illumination.

6. MAINTENANCE

The HIBOITEC Low Voltage Landscape Lights are designed for minimal maintenance due to their durable construction and IP67 waterproof rating.

- **Cleaning:** Periodically wipe the lens and housing with a soft, damp cloth to remove dirt, debris, or mineral deposits that may accumulate and reduce light output. Do not use abrasive cleaners.
- **Inspection:** Annually inspect wires and connectors for any signs of damage, wear, or corrosion. Ensure all connections remain tight.
- **Drainage:** Ensure the area around the in-ground lights has proper drainage to prevent standing water, which could potentially affect performance over time, despite the waterproof design.
- **Bulb Replacement:** These lights feature integrated LED chips with a 50,000-hour lifespan and are not designed for user-replaceable bulbs.

7. TROUBLESHOOTING

If your HIBOITEC landscape lights are not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power from transformer. Loose or faulty wire connection. Damaged light fixture.	Check transformer power supply and timer settings. Inspect all wire connections for tightness and proper contact. If light is damaged, contact customer support.

Problem	Possible Cause	Solution
Light is dim or flickers.	Insufficient power (voltage drop). Loose connection. Dirt/debris on lens.	Ensure proper wire gauge for cable length. Check all wire connections. Clean the light lens.
Water inside the fixture.	Improper installation or seal compromise.	Ensure the fixture is installed correctly and the seal ring is intact. If damage is present, contact customer support.

8. SPECIFICATIONS

Detailed technical specifications for the HIBOITEC Low Voltage Landscape Lights (Model CDD-1008):

Durable Aluminum Structure



Image 8.1: Product dimensions and key structural features.

- **Model Number:** CDD-1008
- **Power:** 12W
- **Brightness:** 1200 Lumens
- **Color Temperature:** 3000K (Warm White)
- **Voltage:** 12-24V AC/DC
- **Beam Angle:** 90°
- **Material:** Die-cast Aluminum, ABS Protective Shell, High Quality Glass Lenses

- **Lifespan:** 50,000 Hours
- **Water Resistance:** IP67
- **Operating Temperature:** -13°F to 104°F (-25°C to 40°C)
- **Dimensions (Fixture):** 3.15" L x 3.15" W x 3.08" H (8cm x 8cm x 7.8cm)
- **Cable Length:** 1.64 ft (50cm)
- **Certifications:** FCC, UL
- **Included Components:** 2 x Well Lights, 2 x Wire Connectors

9. WARRANTY AND CUSTOMER SUPPORT

HIBOITEC provides a **5-year warranty** for these Low Voltage Landscape Lights, covering defects in materials and workmanship under normal use.

For warranty claims, technical assistance, or any questions regarding your product, please contact HIBOITEC customer support through the retailer's platform or visit the official HIBOITEC store online.

Contact Information: Refer to your purchase documentation or the HIBOITEC brand store for the most current support contact details.

10. PRODUCT DISPOSAL

At the end of its lifespan, this product should not be disposed of with general household waste. Please recycle it at an appropriate collection point for electrical and electronic equipment. Proper disposal helps prevent potential negative consequences for the environment and human health.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question