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> HIBOITEC Low Voltage LED Deck Lights (Model HZT-1008J) Instruction Manual

HIBOITEC HZT-1008J

HIBOITEC Low Voltage LED Deck Lights Instruction Manual

Model: HZT-1008J

INTRODUCTION

Thank you for choosing HIBOITEC Low Voltage LED Deck Lights. These 2.5W, IP67 waterproof lights are designed to provide warm white (2700K) accent lighting for various outdoor applications such as decks, steps, stairs, railings, posts, and fences. This manual provides essential information for safe installation, operation, and maintenance of your new lighting system.



Image: Overview of HIBOITEC Low Voltage LED Deck Lights highlighting key features like low voltage, IP67 waterproof rating, and warm white light.

SAFETY INFORMATION

- **Low Voltage System:** These lights operate on 12-36V AC/DC low voltage. A compatible low voltage transformer (not included) is required for operation. Do not connect directly to high voltage power.
- **UL-Listed Cord:** The 3.2ft cord is UL-listed for safety and quality.
- **Waterproof:** The lights are IP67 rated, suitable for outdoor use in various weather conditions. Ensure all connections are secure to maintain waterproof integrity.
- **Installation:** Always disconnect power to the transformer before installing or servicing the lights. If

unsure about installation, consult a qualified electrician.

WHAT'S IN THE BOX

Each 6-pack includes:

- 6 x LED Deck Lights
- 18 x Screws
- 18 x Expansion Anchors
- 12 x Wire Nuts



Image: The HIBOITEC LED Deck Light 6-pack showing the lights and packaging.

SETUP AND INSTALLATION

These lights feature an easy-to-connect design for straightforward installation. A low voltage transformer is required and sold separately.

Connecting the Lights

The lights are designed for simple daisy-chain connection. Each light has input and output cables that connect to the next light in the series.



HIBOITEC

Easy to Connect

OTHERS

**Complicated
Connections**

Image: Illustration of the easy connection system for HIBOITEC LED Deck Lights, showing male and female connectors.

Mounting the Lights

The lights come with a separate mounting plate for easy installation and removal. Follow these steps:

1. **Drill Holes:** Use the provided mounting template to mark and drill pilot holes at your desired location.
2. **Fix Hanging Plate:** Secure the hanging plate to the surface using the provided screws and expansion anchors. Ensure the wires are threaded through the designated opening in the plate.
3. **Attach Light:** Align the light fixture with the hanging plate and gently push until it clicks into place. This allows for easy removal if needed.
4. **Connect Wires:** Connect the wires from the light to your low voltage system or to the next light in the series using the provided wire nuts or extension cables (if applicable).



Image: Four-step visual guide demonstrating how to drill holes, fix the hanging plate, attach the light, and connect the wires.

Your browser does not support the video tag. This video demonstrates the easy installation process for the HIBOITEC Garden Post Fence Light.

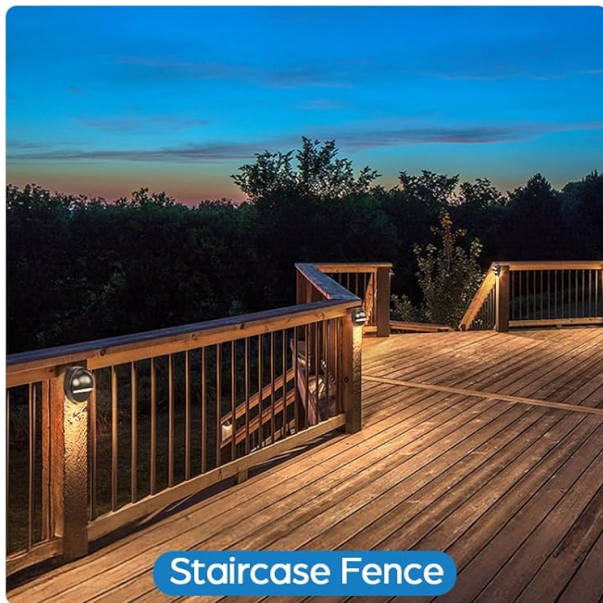
Video: Easy to Install Garden Post Fence Light (Seller)

For extending the distance between lights, extension cords can be purchased separately (e.g., B09WDGRMYG).

OPERATING INSTRUCTIONS

These low voltage LED deck lights are designed to provide consistent warm white illumination. Once properly installed and connected to a compatible 12-36V AC/DC low voltage transformer, they will operate according to the transformer's settings (e.g., on/off schedule, dusk-to-dawn sensor).

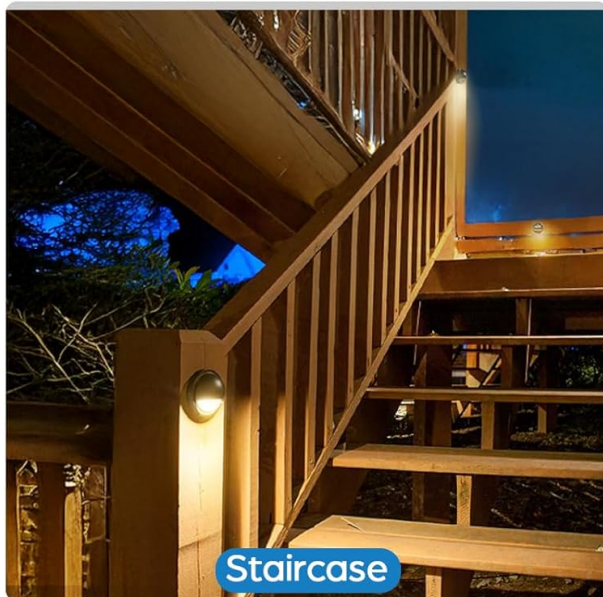
The lights provide 180 lumens of 2700K warm white light with an anti-glare design, shining downwards to create a comfortable atmosphere without harsh brightness.



Staircase Fence



Yard Fence



Staircase



Outdoor Lake Fence

Image: Examples of HIBOITEC LED Deck Lights installed on staircase fences, yard fences, and outdoor lake fences.

Your browser does not support the video tag. This video provides a general overview of the HIBOITEC Low Voltage LED Deck Lights.

Video: Low Voltage LED Deck Lights 2.5W (Seller)

MAINTENANCE

These lights are designed for durability and minimal maintenance.

- **Cleaning:** Periodically wipe the light fixtures with a soft, damp cloth to remove dirt or debris. Avoid using harsh chemicals or abrasive cleaners.
- **Waterproof Design:** The IP67 waterproof rating ensures protection against dust and immersion in water up to 1 meter for 30 minutes. No special waterproofing maintenance is required for the fixtures themselves.
- **Material:** Constructed from PC+ABS material, these lights are anti-rust and designed to withstand outdoor elements.



Image: HIBOITEC LED Deck Light demonstrating its IP67 waterproof capability during rainfall.

Your browser does not support the video tag. This video highlights the IP67 waterproof feature of the HIBOITEC Low Voltage LED Deck Lights.

Video: HIBOITEC IP67 Waterproof Low Voltage LED Deck Lights (Seller)

TROUBLESHOOTING

• Lights Not Turning On:

- Ensure the low voltage transformer is properly connected to a power source and is turned on.
- Check all wire connections for tightness and proper insulation.
- Verify that the transformer's timer or sensor settings are configured correctly for desired operation.

• Lights Are Dim:

- Confirm that the transformer's wattage capacity is sufficient for the total wattage of all connected lights.
- Check for any loose connections or damaged wiring that might be causing voltage drop.

- **Water Inside Fixture:**

- While the lights are IP67 rated, ensure the wire connections are properly sealed with the provided wire nuts to prevent water ingress at the connection points.

SPECIFICATIONS

Brand	HIBOITEC
Model Name	HZT-1008J
Power Source	Low Voltage 12-36V AC/DC
Wattage	2.5 Watts per light
Brightness	180 Lumens per light
Color Temperature	2700 Kelvin (Warm White)
Material	PC+ABS
Water Resistance Level	IP67 Waterproof
Product Dimensions	3.5"L x 2"W x 3.5"H
Cord Length	3.2ft (UL-listed)
Lifespan	50,000+ hours

Product Dimension



Image: Detailed product dimensions for the HIBOITEC LED Deck Light and its mounting template.

WARRANTY AND SUPPORT

HIBOITEC provides a **Lifelong Replacement for Free** service. If you encounter any quality problems with the product during use, you can contact customer service for an unconditional replacement. There is no time limit for this quality assurance.

For further assistance or inquiries, please refer to the contact information provided with your purchase or visit the official HIBOITEC website.