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› JESLED 6W LED Well Lights (JD-Ingroundlight) - Instruction Manual

JESLED JD-Ingroundlight

JESLED 6W LED Well Lights

Model: JD-Ingroundlight

Brand: JESLED

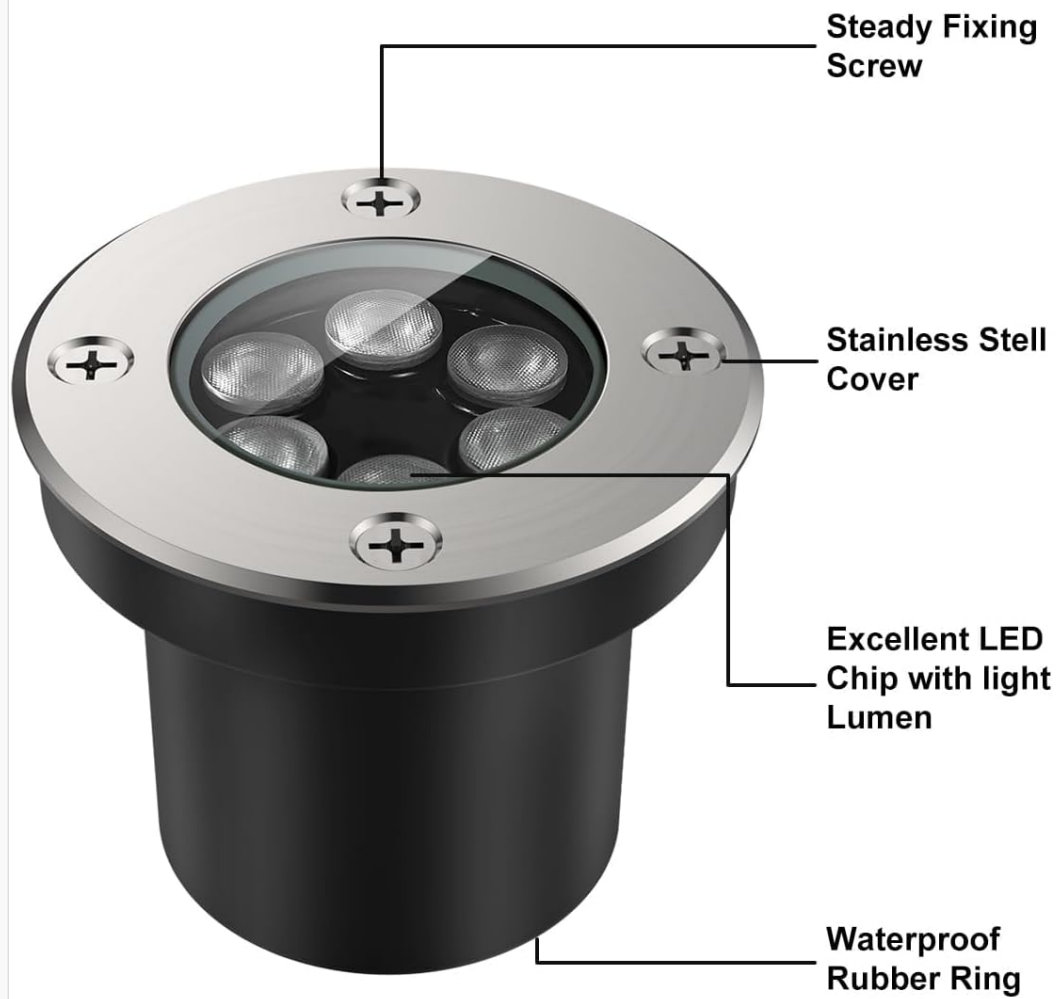
1. PRODUCT OVERVIEW

The JESLED 6W LED Well Lights are designed for outdoor landscape illumination, providing bright 6000K cold white light. These low-voltage ground lights are built with high-quality materials to ensure durability and performance in various outdoor conditions.

Key features include:

- **High Performance:** Constructed with a durable stainless steel panel and high-temperature tempered soda-lime glass, capable of withstanding a crushing weight of up to 5 tons.
- **Energy Saving:** Operates on a safe 12V or 24V low voltage system, requiring a separate transformer (not included) to convert 110V household current.
- **IP67 Waterproof:** Features a robust waterproof seal, pressure rubber gasket, and rubber seal around the wire exit, making them suitable for indoor deck and outdoor lighting applications.
- **Wide Application:** A 90° beam angle makes these lights ideal for illuminating pathways, flower beds, trees, fences, driveways, stone walls, flags, doorways, decks, steps, and swimming pool areas.
- **Long Lifespan:** Designed for a lifetime of up to 50,000 hours.

Aluminum Structure



with 12pcs waterproof connectors in this set

Figure 1: Exploded view of the JESLED 6W LED Well Light components.



Figure 2: The JESLED 6W LED Well Light demonstrating weather resistance against rain, corrosion, and frost.

2. SAFETY INFORMATION

Please read and understand all instructions before installing or using this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Always disconnect power at the source before installation or maintenance.
- This product is designed for low voltage (12V or 24V) systems. Do not connect directly to 110V AC power without a suitable low voltage transformer.
- Ensure all wire connections are secure and waterproof, especially in outdoor environments.
- Do not attempt to modify or disassemble the light fixture.
- Keep children and pets away from the installation area.
- Avoid attaching a timer or dimmer directly to these low-voltage landscape lights, as specified by the manufacturer.

3. PACKAGE CONTENTS

Upon opening your package, verify that all components are present and undamaged:

- JESLED 6W LED Well Lights (6 units)
- Waterproof connectors (12 units)
- User Manual

Note: Electrical wire and transformer are NOT included and must be purchased separately.

4. SPECIFICATIONS

Feature	Specification
Brand	JESLED
Model Number	JD-Ingroundlight
Color Temperature	6000K Cold White
Material	Acrylonitrile Butadiene Styrene, Metal (Stainless Steel Shade)
Light Fixture Form	Spotlight
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric (Low Voltage)
Voltage	12 Volts or 24 Volts
Wattage	6 watts per light
Brightness	650 Lumens
Water Resistance Level	IP67 Waterproof
Mounting Type	In-Ground Mount
Item Dimensions (L x W x H)	3.93"L x 3.93"W x 3.3"H
Item Weight	5.1 Pounds (for 6-pack)

Wires(not include) connect no more than 33ft



Hole Diameter: 3.74inch/9.5cm

Figure 3: Product dimensions for the JESLED 6W LED Well Light.

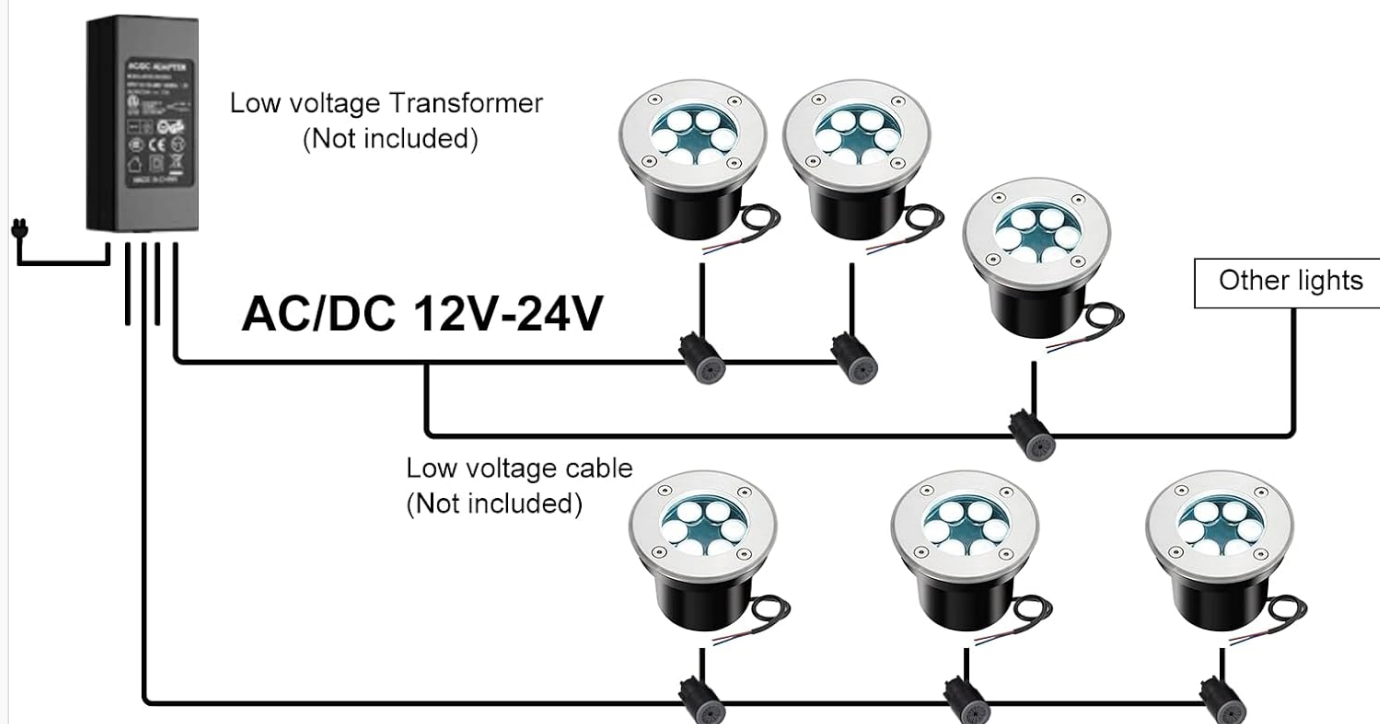
5. SETUP AND INSTALLATION

Follow these steps for proper installation of your JESLED 6W LED Well Lights:

1. **Plan Layout:** Determine the desired locations for each light. Lay out the lights and the low voltage cable (not included) to visualize the path and ensure sufficient cable length.
2. **Prepare for Transformer:** Install a low voltage transformer (AC or DC 12V-24V, not included) in a suitable outdoor location. Ensure the wattage of your transformer exceeds 20% of the total wattage of all connected lights.
3. **Dig Trench:** Dig a shallow trench for the low voltage cable. Ensure the cable length does not exceed 33ft when using 12V.
4. **Connect Lights:** Use the provided black waterproof wire connectors and insulation tape to splice each light to the low voltage cable. Strip the ends of the low voltage power cable and attach them to the transformer's terminal screws. Ensure the last light in the chain receives enough voltage to operate correctly.

5. **Secure Lights:** Place the lights into the prepared holes or ground, ensuring they are flush with the surface for optimal performance and appearance.

HOW TO INSTALL



1. Lay out the lights.
2. Installing a low voltage transformer (AC or DC 12V-24V, no transformer in this set)
(Make sure that the wattage of your transformer exceeds 20% of the sum of the wattage of all your lights.)
3. Dig trench for cable. Low voltage wires (not include) please no more than 33ft.in 12V
4. Connect the lights: Use the black waterproof wire connectors and insulation tape to splice these light to the low voltage cable. And then strip the ends of the low voltage power cable, and attach the wire to the transformer's terminal screws. Make sure the last light in a chain get enough voltage to work.

Figure 4: Installation diagram for JESLED 6W LED Well Lights.

Installation Video

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Video 1: This video demonstrates the installation process of JESLED Outdoor Landscape Lights, showing how to place and connect the lights in a garden setting.

Performance Demonstration Video

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Video 2: This video showcases the actual performance of JESLED outdoor landscaping spotlights, highlighting their brightness and effect in an outdoor environment.

6. OPERATING INSTRUCTIONS

Once properly installed and connected to a compatible low voltage transformer, the JESLED 6W LED Well Lights will operate according to the settings of your transformer. Most low voltage transformers include a timer or photocell feature to automatically turn the lights on at dusk and off at dawn, or at programmed intervals.

- Ensure the transformer is powered on and set to your desired operating mode.
- Verify that all connections are secure to prevent interruptions in power.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your JESLED 6W LED Well Lights:

- **Cleaning:** Periodically clean the glass surface of the lights to remove dirt, debris, or mineral deposits that may reduce light output. Use a soft cloth and mild soap solution.
- **Inspection:** Annually inspect all wiring and connections for any signs of wear, damage, or corrosion. Replace any damaged components immediately.
- **Clear Debris:** Ensure that leaves, mulch, or other garden debris do not accumulate around the lights, which could impede heat dissipation or block light.

8. TROUBLESHOOTING

If your JESLED 6W LED Well Lights are not functioning as expected, consider the following:

- **Lights Not Turning On:**
 - Check the power supply to the transformer.
 - Verify the transformer's settings (timer, photocell) are correct.
 - Inspect all wire connections for looseness or corrosion.
 - Ensure the low voltage cable is not damaged.
- **Lights Are Dim:**
 - Confirm the transformer's wattage is sufficient for the total number of lights.
 - Check for excessive cable length, which can cause voltage drop (especially for 12V systems).
 - Clean the light's glass surface.
- **Water Inside Light Fixture:**
 - Although IP67 rated, extreme conditions or improper installation can lead to water ingress. Inspect seals and connections.
 - Ensure the light is installed flush and securely.

9. WARRANTY AND SUPPORT

JESLED offers a 3-year product coverage for these LED Well Lights. For warranty claims or technical assistance, please contact JESLED customer support.

For further support, please visit the official JESLED website or contact their customer service department. Our team of experienced product specialists is always on hand to offer professional, knowledgeable guidance whenever you need it.

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.

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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.

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