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## JESLED JD-Ingroundlight

# JESLED Outdoor Landscape Lights User Manual

Model: JD-Ingroundlight

Brand: JESLED

## PRODUCT OVERVIEW

The JESLED 6W LED In Ground Well Lights are designed for outdoor landscaping, providing warm white illumination for various applications such as driveways, decks, steps, yards, fences, gardens, and pathways. These lights operate on a safe low voltage (12V or 24V) and feature an IP67 waterproof rating, ensuring durability and reliable performance in diverse weather conditions.



Image: A set of six JESLED in-ground well lights, each featuring a stainless steel top and a black housing, accompanied by waterproof connectors.

## PRODUCT FEATURES AND COMPONENTS

These landscape lights are built with high-quality materials and advanced features to ensure longevity and performance.

- **High Performance:** Equipped with a high-quality stainless steel panel and high-temperature tempered soda-lime glass for durability.
- **Energy Saving:** Operates on 12V or 24V low voltage, requiring a transformer (not included) to convert 110V.
- **IP67 Waterproof:** Features watertight seals, pressure rubber gasket, and rubber seal around wire exit for superior water resistance.
- **Wide Application:** 90° Beam Angle suitable for illuminating pathways, flower beds, trees, fences, driveways, and more.
- **Durable Construction:** Aluminum structure with stainless steel cover for enhanced resilience against outdoor elements.



Image: An exploded diagram illustrating the internal components of the JESLED in-ground light, including the stainless steel cover, tempered glass, waterproof rubber ring, optical lenses, high-definition LEDs, driver board, and aluminum base.



**IP67** Waterproof



Heat Resistant



Corrosion Resistant



Frost Resistant

**Weather Resistance**

°F

104

-4



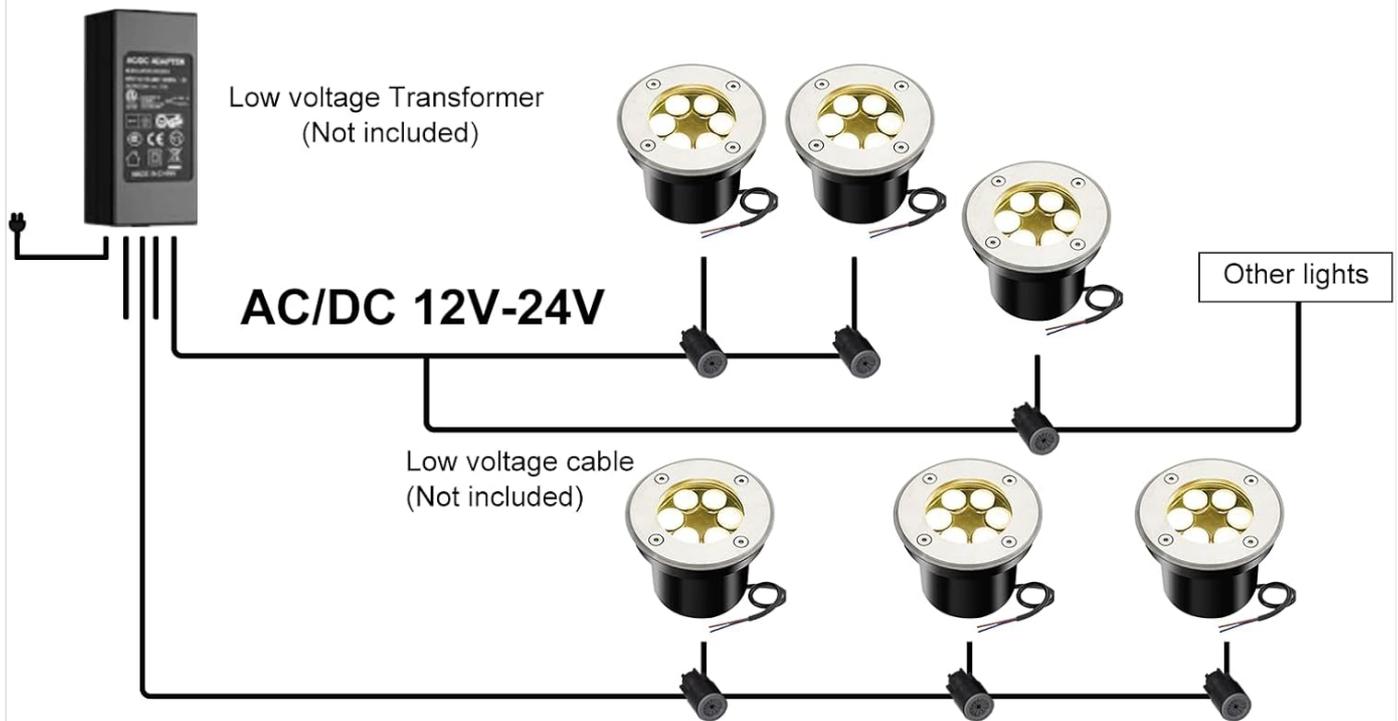
Image: Demonstrates the weather resistance of the lights, showing them performing reliably in conditions such as heat, corrosion, and frost, highlighting their IP67 waterproof rating.

## SETUP AND INSTALLATION

Follow these steps for proper installation of your JESLED In Ground Well Lights. A low voltage transformer and low voltage wires are required but not included.

1. **Lay out the lights:** Plan the placement of each light according to your desired illumination pattern.
2. **Install a low voltage transformer:** Connect a suitable AC or DC 12V-24V transformer (not included). Ensure the transformer's wattage exceeds 20% of the total wattage of all connected lights.
3. **Dig trench for cable:** Bury low voltage wires (not included) in a trench. For 12V systems, ensure the cable length does not exceed 33 feet to prevent voltage drop.
4. **Connect the 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 the wire to the transformer's terminal screws. Ensure the last light in the chain receives sufficient voltage for optimal brightness.

# 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.

Image: A detailed diagram illustrating the installation process, including the connection of multiple in-ground lights to a low voltage transformer (not included) using waterproof connectors and low voltage cables.

## OPERATING INSTRUCTIONS

Once properly installed and connected to a compatible low voltage transformer, your JESLED In Ground Well Lights will operate automatically based on the transformer's settings (e.g., dusk-to-dawn sensor, timer). These lights are designed for continuous illumination when power is supplied.

- **Power On/Off:** Control the lights by switching the power to the connected low voltage transformer.
- **Voltage:** The lights are designed to work with either 12V or 24V systems. Higher voltage (24V) will result in brighter illumination.
- **Important Note:** Do not attach a timer or dimmer directly to the 6W LED Inground lights themselves. Control timing and dimming through the low voltage transformer if it supports these features.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your JESLED In Ground Well Lights.

- **Cleaning:** Periodically wipe the stainless steel panel and glass cover with a soft, damp cloth to remove dirt, debris, or mineral deposits. Avoid abrasive cleaners that could scratch the surface.
- **Inspect Wiring:** Annually inspect all wiring and connections for any signs of wear, damage, or corrosion. Ensure waterproof connectors remain securely sealed.
- **Clear Debris:** Keep the area around the lights clear of leaves, mulch, and other debris that could obstruct light output or trap moisture.
- **Check Drainage:** Ensure proper drainage around the lights to prevent standing water, especially in areas prone to heavy rainfall.

## TROUBLESHOOTING

If you encounter issues with your JESLED In Ground Well Lights, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Lights not turning on.	No power to transformer; faulty wiring/connections; faulty light unit.	Check power outlet and transformer connection. Inspect all wire connections for looseness or damage. Test individual light units if possible.
Lights are dim or flickering.	Insufficient voltage; loose connections; too many lights on one transformer.	Ensure transformer wattage is sufficient. Check for voltage drop over long cable runs (especially for 12V systems). Tighten all connections. Consider a higher voltage transformer (24V) or splitting lights onto multiple transformers.
Water inside the light unit.	Improper sealing; damaged gasket; extreme water exposure.	Ensure all seals and gaskets are properly seated. Check for cracks in the glass or housing. Verify waterproof connectors are secure.
Light turns on/off randomly.	Faulty transformer sensor/timer; unstable power supply.	Check transformer settings and functionality. Ensure stable power supply to the transformer.

## SPECIFICATIONS

<b>Brand</b>	JESLED
<b>Model Number</b>	JD-Ingroundlight
<b>Color Temperature</b>	3000 Kelvin (Warm White)
<b>Wattage</b>	6 Watts per light
<b>Brightness</b>	650 Lumen
<b>Voltage</b>	12V or 24V AC/DC (Low Voltage)
<b>Water Resistance Level</b>	IP67 Waterproof
<b>Material</b>	Aluminum (Housing), Stainless Steel (Cover), Tempered Glass

<b>Product Dimensions</b>	3.93"L x 3.93"W x 3.3"H
<b>Average Life</b>	30,000 Hours
<b>Included Components</b>	6 In-Ground Lights, 12 Waterproof Connectors

## WARRANTY AND SUPPORT

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JESLED offers comprehensive support for its products:

- **Warranty:** 2 years hassle-free warranty.
- **Return Policy:** 45-day policy.
- **Customer Support:** 24/7 after-sale support.
- **Contact:** Please contact JESLED directly if you encounter any issues or require assistance.