

## SUNVIE Low Voltage Landscape Well Lights

# SUNVIE Low Voltage Landscape Well Lights (10 Pack, 12W LED) Instruction Manual

Brand: SUNVIE

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## 1. INTRODUCTION

Thank you for choosing SUNVIE Low Voltage Landscape Well Lights. These 12W LED in-ground lights are designed to provide ultra-bright, warm white illumination for various outdoor settings such as pathways, gardens, driveways, decks, and patios. Featuring IP67 waterproof construction and premium components, these lights offer durability and energy efficiency for long-lasting performance.

## 2. SAFETY INFORMATION

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Low Voltage System:** These lights operate on 12-24V AC/DC. A transformer (not included) is required to convert 110V household current to low voltage.
- **Professional Installation:** If you are unsure about any part of the installation process, consult a qualified electrician.
- **Waterproof Rating:** The lights are IP67 rated for outdoor use. Ensure all connections are secure and waterproof to maintain this rating.
- **Cable Protection:** Bury cables at a safe depth (typically 6 inches or more) to prevent damage from gardening tools or foot traffic.
- **Avoid Overloading:** Do not exceed the maximum wattage capacity of your low voltage transformer.

### 3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 10 x SUNVIE 12W LED Low Voltage Landscape Well Lights
- 20 x SUNVIE Screw-Tight Designed Fastlock Connectors
- User Manual

**12W**

**WATERPROOF  
LOW VOLTAGE  
IN GROUND  
LIGHTS**

**CONNECTORS**

**1200 lumens**  
Estimated Energy Cost  
**\$2.89** per year

**20x** Longer\*

**\$346** avg. savings over life\*\*

Replaces **100** Watts

**IP67** Waterproof

Image: Contents of the SUNVIE Low Voltage Landscape Well Lights package, showing the lights and included connectors.

#### 4. PRODUCT FEATURES

- **Upgraded 12W Ultra Bright:** Each light provides 1200 lumens of 3000K warm white LED illumination.

- **Premium Grade Components:** Constructed with a stainless steel cover, impact-resistant tempered soda lime glass, and high-quality LED chips for a service life of up to 50,000 hours.
- **Safe and Easy to Use:** Operates on 12-24V, compatible with most low voltage landscape lighting transformers. Includes 20 unique SUNVIE screw-tight designed fastlock connectors for easier and safer installation.
- **Upgraded IP67 Waterproof:** Features water-tight seals, a pressure rubber gasket, and a rubber seal around the wire exit for superior weather resistance.
- **Energy-Saving:** Efficient LED design replaces 100W halogen lamps, saving energy.
- **Durable Construction:** Aluminum cooling body enhances heat dissipation and extends lifespan.



Image: Detailed view of the LED in-ground light components, highlighting the LED COB chip, stainless steel cover, aluminum cooling body, and waterproof rubber ring.

## 5. SETUP & INSTALLATION

Follow these steps for proper installation of your SUNVIE Low Voltage Landscape Well Lights:

1. **Plan Layout:** Determine the desired locations for each well light along your pathway, garden, or other areas. Ensure the total wattage does not exceed your transformer's capacity.
2. **Dig Trench:** Dig a trench approximately 5-6 inches deep along the planned path for the low voltage cable.
3. **Install Low Voltage Transformer:** Connect your low voltage transformer (not included) to a 110V power source. Ensure the transformer is rated for outdoor use and is compatible with 12-24V output.
4. **Connect Lights:** Use the provided screw-tight fastlock connectors to connect each well light to the low voltage cable.



Image: Diagram illustrating the connection of multiple well lights to a low voltage transformer using low voltage cable and wire connectors.

### Connector System Instructions:

The SUNVIE fastlock connectors simplify wiring. Here's how to use them:

1. Separate the main low voltage cable where you intend to connect a light.

2. Unscrew both ends of a fastlock connector.
3. Insert the main cable into the groove cap of the connector.
4. Push the exposed wires from the well light through the cap hole.
5. Align the light's wires with the main cable inside the connector.
6. Screw the connector ends tightly. The internal pins will pierce the cable insulation to make a secure electrical connection.
7. Perform a pull test to ensure the connection is secure.

## LED LANDSCAPE LIGHT CONNECTOR

Compatible with 12/14/16  
Gauge Cable



Image: Step-by-step visual guide on how to use the fastlock connectors to tap into the main low voltage cable for the well lights.

## Installation Video Guide:

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Video: This video demonstrates the unboxing, initial setup, and connection process for the SUNVIE Low Voltage Landscape Well Lights, highlighting the ease of installation with the included connectors.

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Video: This video provides a detailed look at the installation and operation of the SUNVIE Low Voltage Landscape Well Lights, including how to connect them to a low voltage system.

5. **Bury Lights:** Place the well lights into the ground at your desired locations. Ensure the top surface is flush with the ground for optimal appearance and protection.
6. **Cover Wiring:** Carefully cover the low voltage cable and connectors with the excavated soil, ensuring no wires are exposed.
7. **Test System:** Once all lights are connected and buried, turn on your low voltage transformer to test the entire lighting system.

## 6. OPERATION

Operating your SUNVIE Low Voltage Landscape Well Lights is straightforward:

- **Power On/Off:** The lights are controlled by your low voltage transformer. Use the transformer's built-in timer or manual switch to turn the lights on or off.
- **Remote Control:** If your transformer or lighting system includes a remote control feature (as indicated in some specifications), refer to your transformer's manual for specific remote operation instructions.

## 7. MAINTENANCE

To ensure the longevity and optimal performance of your well lights, perform the following maintenance tasks:

- **Regular Cleaning:** Periodically clean the top surface of the lights to remove dirt, debris, or leaves that may obstruct light output. Use a soft cloth and mild soap if necessary.
- **Inspect Connections:** Annually inspect all wire connections for any signs of corrosion or damage. Ensure they remain tightly sealed.
- **Check for Obstructions:** Ensure plants or other landscaping elements do not grow over the lights, which could reduce light output or cause overheating.
- **Drainage:** Verify that the area around the lights has proper drainage to prevent standing water, despite their waterproof rating.

## 8. TROUBLESHOOTING

If your SUNVIE Low Voltage Landscape Well Lights are not functioning correctly, refer to the following common issues and solutions:

| Problem                      | Possible Cause  | Solution  |
|------------------------------|---|---|
| Lights not turning on        | No power to transformer; faulty transformer; loose wire connections; damaged cable. | Check power outlet and transformer settings. Inspect all wire connections for tightness. Test cable continuity.               |
| Lights flickering            | Loose connections; insufficient power from transformer; incompatible transformer.   | Tighten all connections. Ensure transformer wattage is sufficient for all connected lights. Verify transformer compatibility. |
| Only some lights are working | Loose connection to non-working lights; damaged individual light.                   | Check connections for the non-working lights. Replace individual faulty light if necessary.                                   |
| Water inside light lens      | Improper sealing during installation; damage to waterproof seals.                   | Ensure all seals are correctly seated and tightened. Contact support if seals appear damaged.                                 |

## 9. SPECIFICATIONS

| Feature                | Detail   |
|------------------------|--|
| Brand                  | SUNVIE   |
| Model Name             | Low Voltage Landscape Well Lights with Wire Connectors |
| Wattage                | 12 watts   |
| Brightness             | 1200 Lumens  |
| Light Color            | Warm White (3000 Kelvin)                               |
| Voltage                | 12-24 Volts (AC/DC)                                    |
| Material               | Aluminum, Stainless Steel, Tempered Glass              |
| Water Resistance Level | IP67 Waterproof  |
| Product Dimensions     | 3.15"L x 3.15"W x 2.9"H                                |
| Installation Type      | In-Ground  |
| Life Expectancy        | Up to 50,000 hours                                     |
| Certifications         | UL, IP67   |

## 10. WARRANTY & SUPPORT

SUNVIE stands behind the quality of its products:

- **30-Day Money-Back Guarantee:** If you are not satisfied with your purchase, you may return it within 30 days for a full refund.
- **24-Month Replacement Warranty:** The product is covered by a 24-month replacement warranty for manufacturing defects.
- **Lifetime After-Sales Support:** SUNVIE provides lifetime customer support for any questions or issues you may encounter.

For warranty claims or technical assistance, please contact SUNVIE customer service through the retailer's platform or visit the official SUNVIE website.