

EDISHINE HGSL51A

EDISHINE Low Voltage Landscape Lighting

Model: HGSL51A - Instruction Manual

INTRODUCTION

The EDISHINE Low Voltage Landscape Lighting (Model HGSL51A) is designed to provide reliable and efficient illumination for outdoor spaces such as pathways, driveways, yards, and decks. These 8W, 12-24V AC/DC LED in-ground well lights feature a 3000K warm white light, 500 lumens brightness, and an IP67 waterproof rating, ensuring durability and performance in various weather conditions. This manual provides essential information for safe installation, operation, and maintenance of your lighting system.

IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and retain this manual for future reference. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Disconnect Power:** Always disconnect power at the main circuit breaker or transformer before installing, servicing, or cleaning the fixture.
- **Low Voltage System:** This product operates on 12-24V AC/DC low voltage. A compatible landscape lighting transformer (not included) is required to convert 110V household current to the appropriate low voltage. Do not connect directly to 110V-120V power.
- **Waterproof Connections:** Ensure all electrical connections are properly sealed and waterproofed using appropriate connectors (not included) to prevent water ingress and electrical hazards.
- **Proper Wiring:** Use only approved low voltage landscape lighting cable suitable for direct burial.
- **Avoid Damage:** Do not install fixtures where they may be walked on by vehicles or subjected to excessive pressure. Avoid damaging the wire insulation during installation.
- **Operating Temperature:** Ensure the operating environment is within the specified temperature range of -4°F to 104°F (-20°C to 40°C).

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 8 x EDISHINE Low Voltage In-Ground Well Lights (Grille Model)
- Mounting Hardware
- User Manual (this document)

Note: A low voltage landscape lighting transformer and power cord are NOT INCLUDED and must be purchased separately.

SPECIFICATIONS

Model Number	HGSL51A
Wattage	8W per light
Voltage	12-24V AC/DC
Light Color	3000K Warm White
Brightness	500 Lumens per light
Beam Angle	25°
Water Resistance	IP67 Waterproof
Material	Die-cast Aluminum Alloy
Lifespan	Up to 50,000 hours
Operating Temperature	-4°F to 104°F (-20°C to 40°C)
Product Dimensions	42L x 22.5W x 12.5H Centimetres (overall package)
Light Unit Size	3.5 inch diameter (approximate)
Certification	ETL Listed

Product Components

Beam Angle

25°



8W



CRI90



3000K



500LM



IP67

Image Description: This diagram illustrates the key components of the EDISHINE in-ground well light. It highlights the 12 energy-efficient LED chips, the robust aluminum alloy body designed for heat dissipation, the waterproof rubber ring ensuring a tight seal, and the durable aluminum alloy cover featuring a groove and one-piece construction for enhanced protection.

Beam Angle

Similar ≠ Same

Upgraded design, larger, brighter with longer life span

EDISHINE



3.5inch

500LM

All-aluminum
Housing

One-piece Design

IP67

UGR-3

OTHER



Smaller Size

Low Lumen

Iron and
Steel Casing

External Nut

IP65

NO

VS

Size

Lumen

Anti-corrosion

Product Design

Waterproof Rating

Glare Index

Image Description: An illustration demonstrating the 25-degree beam angle of the EDISHINE in-ground light, projecting a focused warm light onto a vertical surface. Accompanying icons indicate key specifications: 8W LED, Color Rendering Index (CRI) of 90, 3000K color temperature, 500 lumens brightness, and an IP67 waterproof rating.

SETUP AND INSTALLATION

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

1. **Plan Layout:** Determine the desired locations for each light. Consider the 25° beam angle for optimal illumination of pathways, features, or walls.

2. **Prepare Wiring:** Dig shallow trenches for your low voltage landscape wiring. Ensure the wiring is suitable for direct burial and compatible with 12-24V AC/DC systems.
3. **Connect to Transformer:** Connect the low voltage wires from the lights to a compatible 12V or 24V landscape lighting transformer (not included). It is crucial to ensure all connections are secure and properly waterproofed using appropriate connectors (not included) to prevent moisture damage.
4. **Install Lights:** Place each light into its designated in-ground location. The one-piece groove design helps prevent water damage and screw rust, contributing to the light's longevity. The grille top is designed to be nearly flat for easy blending into the landscape.
5. **Test System:** Once all lights are installed and connected, turn on the transformer to test the entire lighting system.

Lighting System Diagram



Image Description: This diagram shows a typical low voltage landscape lighting setup. A transformer is depicted on the left, connected via a main cable to a series of four in-ground lights. The lights are shown spaced approximately 1.64 feet apart, illustrating a common installation pattern. A note indicates that the transformer and power cord are not included.

Product Dimensions

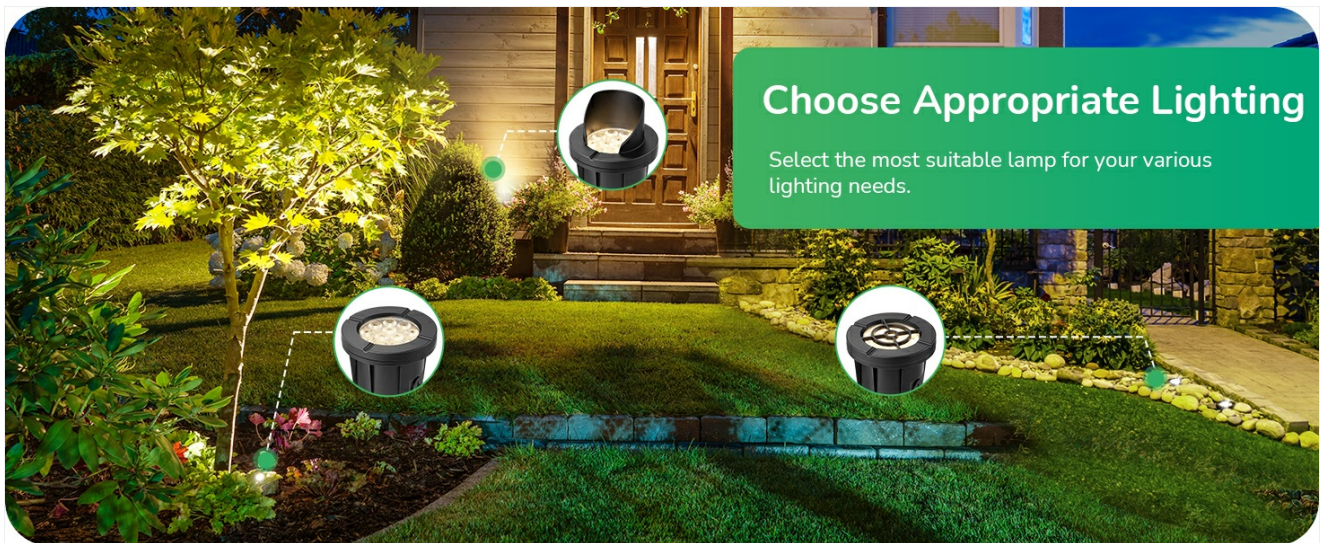


Image Description: A detailed technical drawing providing the dimensions of the EDISHINE in-ground well light. Measurements include the overall height, the diameter of the top grille (4.04 inches), the depth of the housing (3.1 inches), and the diameter of the base (2.8 inches). The image also shows the dimensions of small wire connectors (0.9 inches tall).

OPERATING INSTRUCTIONS

The EDISHINE In-Ground Well Lights operate by connecting to a low voltage landscape lighting transformer. Once the transformer is powered on, the lights will illuminate. There is no individual switch on the lights themselves. Operation is controlled directly by the transformer's power supply or any timer/sensor connected to the transformer.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your landscape lights:

- **Cleaning:** Periodically clean the light grilles and lenses to ensure maximum light output. Use a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or lens.
- **Connection Check:** Inspect all wiring and connections regularly for any signs of damage, corrosion, or wear. Ensure all waterproof seals and connectors remain intact to prevent moisture ingress.
- **Debris Removal:** Keep the area around the lights clear of leaves, mulch, and other debris that could obstruct light output or hinder heat dissipation.

Durable and Waterproof Design

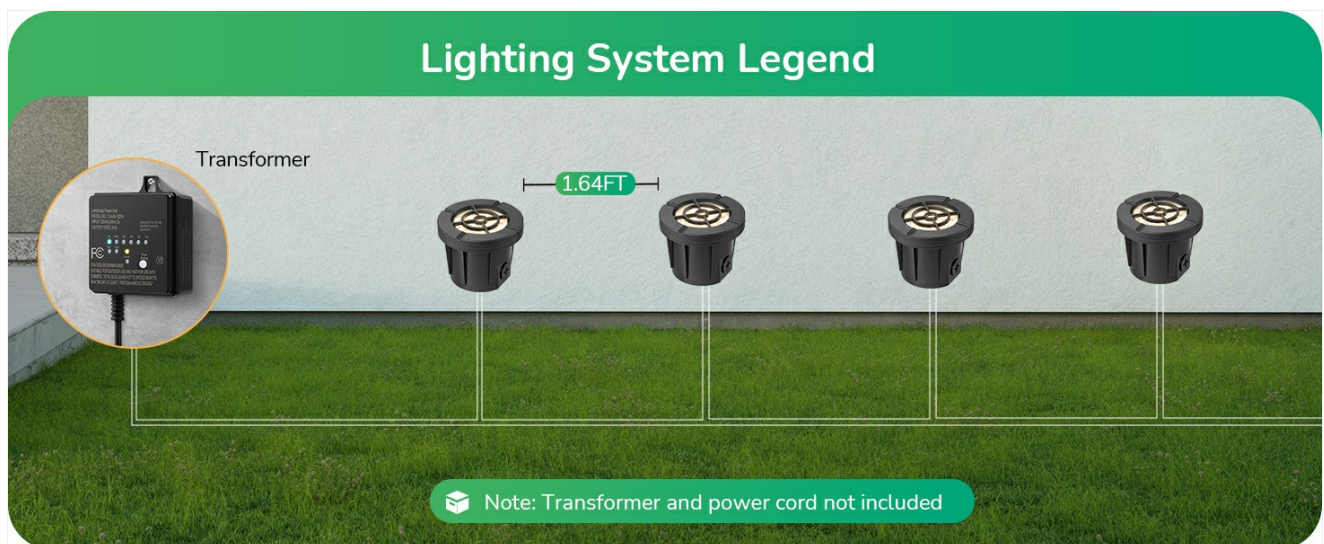


Image Description: This image demonstrates the robust IP67 waterproof capabilities of the EDISHINE in-ground lights. It shows the lights effectively illuminating outdoor spaces during both rainy and snowy conditions, emphasizing their suitability for all-weather outdoor use. The image also indicates a long lifespan of up to 50,000 hours and an operating temperature range of -4°F to 104°F.



Image Description: A close-up view of the EDISHINE in-ground light, highlighting its upgraded design. The image points out the one-piece groove design, which is engineered to prevent water damage and screw rust, thereby prolonging the light's overall lifespan and ensuring consistent performance.

TROUBLESHOOTING

If you encounter issues with your EDISHINE landscape lights, refer to the following common problems and solutions:

- **Lights Do Not Turn On:**

- Check the transformer power supply. Ensure it is plugged in and receiving power.
- Verify all wiring connections are secure and correct. Loose connections are a common cause of power issues.
- Ensure the voltage is within the specified 12-24V range. An incorrect voltage can prevent operation.
- Inspect the low voltage cable for any cuts or damage.

- **Lights Are Dim or Flickering:**

- Check for loose connections at the transformer and at each light fixture.
- Ensure the transformer is adequately sized for the total wattage of all connected lights. Overloading the transformer can cause dimming.
- Verify there is no damage to the wiring or light units.
- Clean the light lenses and grilles to remove any dirt or debris that might be obstructing light output.

- **Water Inside Fixture:**

- Immediately disconnect power.
- Inspect all seals and connections for proper installation and integrity. Re-seal or replace any compromised components.

WARRANTY AND SUPPORT

EDISHINE provides a **1-year limited warranty** on this product from the date of purchase, covering defects in materials and workmanship under normal use. This warranty does not cover damage caused by improper installation, accident, misuse, abuse, or unauthorized modifications.

For technical support, warranty claims, or any questions regarding your EDISHINE Low Voltage Landscape Lighting, please refer to your purchase documentation for specific contact details or visit the official EDISHINE website.