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> GKOLED 120W Low Voltage Transformer with 12-Piece LED Deck Lights User Manual

GKOLED 120W Low Voltage Transformer with 12pcs Low Voltage LED Deck Lights

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Model: 120W Low Voltage Transformer with 12pcs Low Voltage LED Deck Lights

INTRODUCTION

Thank you for choosing the GKOLED 120W Low Voltage Transformer with 12-Piece LED Deck Lights. This manual provides essential information for the safe installation, operation, and maintenance of your lighting system. Please read these instructions thoroughly before installation and retain them for future reference.

SAFETY INFORMATION

- **WARNING:** Risk of Electric Shock. Install the transformer at least 1 foot (0.3 meters) from a pool or spa.
- Do not immerse the transformer in water.
- Ensure the power supply is disconnected before installation or servicing.
- This product is intended for outdoor use only.
- Use only with low voltage landscape lighting fixtures. Do not exceed the transformer's maximum wattage capacity (120W).
- All wiring connections must be made in accordance with local electrical codes.
- Do not attempt to modify the product. Any modifications may void the warranty and create safety hazards.

PACKAGE CONTENTS

Please verify that all components are present before beginning installation:

- 1 x GKOLED 120W Low Voltage Transformer
- 12 x GKOLED Low Voltage LED Deck Lights
- Instruction Manual (this document)

SETUP AND INSTALLATION

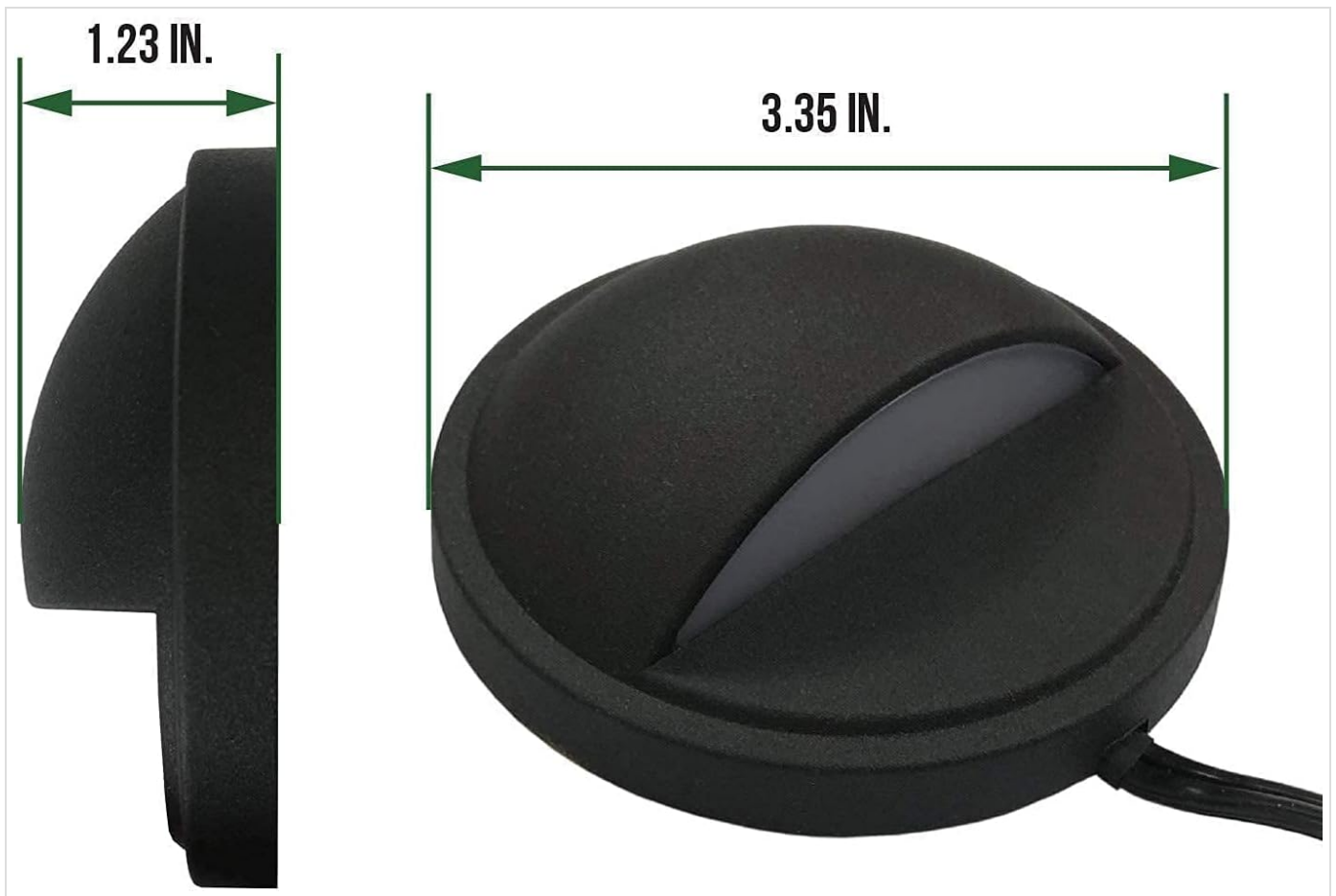


Image: A single GKOLED LED Deck Light showing its dimensions. The light has a diameter of approximately 3.35 inches and a depth of 1.23 inches.

Connect the low voltage wires from the deck lights to the output terminals of the transformer. Ensure all connections are secure and waterproof. Refer to the transformer's wiring diagram for specific terminal connections. Do not overload the transformer by connecting more lights than its rated wattage.



Image: An outdoor deck illuminated by multiple GKOLED LED Deck Lights, demonstrating a typical installation scenario.

OPERATING INSTRUCTIONS

1. Powering On

Once all connections are secure and verified, plug the transformer's power cord into a grounded outdoor electrical outlet. The transformer's digital display should illuminate.



Image: Close-up of the GKOLED Low Voltage Transformer's control panel, featuring a digital display and up/down arrow buttons for settings adjustment.

2. Setting the Timer/Mode

Use the up and down arrow buttons on the transformer's control panel to cycle through available operating modes or to set a timer. Common modes may include:

- **ON:** Lights remain on continuously.
- **OFF:** Lights remain off.
- **AUTO/Timer:** Lights turn on at dusk and remain on for a set duration (e.g., 4H, 6H, 8H) or until dawn. Refer to the display for specific timer settings.

Press the central button (if present) or hold the arrow buttons to confirm selections or enter programming mode, as indicated by the display. Consult the display for current settings and adjustments.

MAINTENANCE

- **Cleaning:** Periodically wipe down the transformer and deck lights with a soft, damp cloth to remove dirt and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect all wiring and connections for signs of damage, wear, or corrosion. Ensure all connections remain tight and secure.
- **Ventilation:** Ensure the transformer's ventilation openings are clear of obstructions to prevent overheating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power to transformer.	Check the outlet, circuit breaker, and transformer plug.
	Loose wiring connections.	Inspect and tighten all low voltage wiring connections.
	Faulty light fixture.	Test individual lights by connecting them directly to the transformer (if safe to do so) or replace suspected faulty lights.
Lights flicker or are dim.	Overloaded transformer.	Ensure total wattage of connected lights does not exceed 120W. Remove some lights if necessary.
	Long wire runs or insufficient wire gauge.	Use appropriate gauge wire for the length of the run to minimize voltage drop.
Transformer display is off.	No power.	Check power supply to the transformer.

SPECIFICATIONS

- **Product Name:** GKOLED 120W Low Voltage Transformer with 12pcs Low Voltage LED Deck Lights
- **Transformer Wattage:** 120W Max
- **Input Voltage:** Standard Household AC (e.g., 120V AC, 60Hz)
- **Output Voltage:** Low Voltage (e.g., 12V AC)
- **Number of Lights:** 12 LED Deck Lights included
- **Certifications:** ETL Listed
- **Mounting Type:** Deck (for lights), Wall/Post (for transformer)
- **Transformer Dimensions:** Approximately 7.3 in (H) x 4.7 in (W) x 4 in (D)
- **Deck Light Dimensions:** Approximately 3.35 in (Diameter) x 1.23 in (Depth)

WARRANTY AND SUPPORT

GKOLED products are designed for quality and durability. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official GKOLED website. Please have your product model number and purchase date available when contacting support.

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For further assistance, please visit [GKOLED Store on Amazon](#).