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Dabmar LV601-SS304

Dabmar LV601-SS304 Louvered Step Light Instruction Manual

Model: LV601-SS304

INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of your Dabmar LV601-SS304 Louvered Step Light. Please read this manual thoroughly before installation and retain it for future reference. This product is designed for outdoor landscape lighting applications, specifically for illuminating steps and pathways.

IMPORTANT SAFETY INFORMATION

WARNING: Risk of electric shock. Always disconnect power at the fuse or circuit breaker before installing or servicing this fixture. Installation should be performed by a qualified electrician in accordance with all local electrical codes.

- Ensure the supply voltage is 12V AC/DC. Connecting to higher voltage will damage the fixture.
- Do not install near flammable materials.
- Ensure all connections are secure and properly sealed to prevent water intrusion, especially for outdoor use.
- Do not handle the fixture with wet hands.
- This fixture is pre-wired with UL listed wire/cable for your safety.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Dabmar LV601-SS304 Louvered Step Light fixture
- Installation hardware (screws, anchors - typically included)
- Instruction Manual (this document)

SPECIFICATIONS

Model Number	LV601-SS304
Brand	Dabmar

Material	Stainless Steel faceplate, Powder Coated Cast Aluminum housing, White heat-resistant plastic diffuser
Finish	Stainless Steel Finish
Power Source	Corded Electric
Voltage	12 Volts
Wattage	2-20W (for J-type bulb, bulb not included)
Installation Type	Wall Mount / Step Mount
Product Dimensions	3.25 x 9.13 x 4 inches (approximate)
Item Weight	1 Pound
Fixture Type	Non-removable (referring to the main housing)
UPC	849095042270

SETUP AND INSTALLATION

Before starting, ensure power is OFF at the circuit breaker. This fixture requires a 12V low-voltage landscape lighting system (transformer and low-voltage cable sold separately).

Installation Steps:

- 1. Prepare the Location:** Choose a suitable location on a wall or step where the light can be securely mounted and provide desired illumination. Ensure there is access to a 12V low-voltage power supply cable.
- 2. Mount the Fixture:**
 - Carefully remove the faceplate by unscrewing the two screws on either side of the fixture.
 - Position the fixture housing against the mounting surface. Mark the locations for drilling pilot holes for the mounting screws.
 - Drill pilot holes as marked. Insert appropriate wall anchors if mounting into masonry or drywall.
 - Secure the fixture housing to the mounting surface using the provided screws.
- 3. Wire Connections:**
 - Connect the pre-wired leads from the fixture to your 12V low-voltage landscape cable. Use UL-listed waterproof wire connectors (not included) to ensure a secure and weather-tight connection.
 - Ensure polarity is correct if specified by your transformer or other system components, though most low-voltage AC systems are not polarity sensitive.
 - Bury the low-voltage cable and connections according to local codes and best practices to protect them from damage.
- 4. Install Bulb (if applicable):** This fixture is designed for a 2-20W 12V J-type bulb. Insert the bulb into the socket, ensuring it is seated correctly. *(Note: Bulb is typically sold separately.)*
- 5. Reattach Faceplate:** Carefully align the louvered faceplate and secure it with the two screws removed earlier. Do not overtighten.
- 6. Test:** Restore power to the circuit. The light should illuminate.



Figure 1: Dabmar LV601-SS304 Louvered Step Light. This image displays the Dabmar LV601-SS304 Louvered Step Light. It features a rectangular stainless steel faceplate with horizontal louvered slats, designed to direct light downwards. Two visible screws secure the faceplate to the housing. The light source behind the louvers appears diffused white.

OPERATING INSTRUCTIONS

The Dabmar LV601-SS304 Louvered Step Light operates automatically when connected to a 12V low-voltage landscape lighting system controlled by a timer or photocell (sold separately). Once installed and powered, the light will turn on and off according to the settings of your landscape lighting system.

- Ensure the 12V power supply is active for the light to function.
- Adjust the timer or photocell settings of your landscape lighting system to control the operating hours of the step light.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your step light.

- **Cleaning:** Periodically clean the stainless steel faceplate and plastic diffuser with a soft, damp cloth to remove dirt, dust, and debris. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Bulb Replacement:** If the light stops working, first check the 12V power supply. If power is present, the bulb may need replacement.
 - a. Disconnect power to the fixture at the circuit breaker.
 - b. Carefully unscrew the two screws on the faceplate and remove it.
 - c. Gently remove the old J-type bulb from its socket.
 - d. Insert a new 2-20W 12V J-type bulb, ensuring it is properly seated.
 - e. Reattach the faceplate and secure it with the screws.
 - f. Restore power and test the light.
- **Replacement Parts:** A replacement cover plate (P-CVR-LV601) is available and sold separately. Contact Dabmar customer support for ordering information.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	<ul style="list-style-type: none"> No power to the fixture. Loose wire connections. Faulty bulb. Faulty transformer or control unit. 	<ul style="list-style-type: none"> Check circuit breaker and 12V power supply. Ensure all wire connections are secure and waterproof. Replace the bulb (see Maintenance section). Test the transformer and control unit.
Light flickers or is dim.	<ul style="list-style-type: none"> Low voltage from transformer. Loose connections. Incorrect bulb wattage. 	<ul style="list-style-type: none"> Verify transformer output and cable run length. Check and tighten all wire connections. Ensure bulb is 2-20W 12V J-type.
Water inside fixture.	<ul style="list-style-type: none"> Improperly sealed connections. Damaged housing or diffuser. 	<ul style="list-style-type: none"> Disconnect power, open fixture, dry thoroughly. Re-seal all connections with waterproof connectors. Inspect for cracks; replace fixture if damaged.

WARRANTY INFORMATION

Specific warranty details for Dabmar products are typically provided at the point of purchase or on the manufacturer's official website. Please refer to your purchase documentation or visit the official Dabmar website for the most current warranty policy. Generally, Dabmar warrants its products against defects in material and workmanship for a specified period from the date of purchase.

CUSTOMER SUPPORT

For technical assistance, replacement parts, or further inquiries, please contact Dabmar customer support:

- **Website:** www.dabmar.com (Please check the official website for current contact information)
- When contacting support, please have your model number (LV601-SS304) and purchase date available.