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› Dabmar LV203-BZ Hooded Mini Spot Light Instruction Manual

Dabmar LV203-BZ

Dabmar LV203-BZ Hooded Mini Spot Light Instruction Manual

Model: LV203-BZ | Brand: Dabmar

INTRODUCTION

Thank you for choosing the Dabmar LV203-BZ Hooded Mini Spot Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new lighting fixture. Please read these instructions thoroughly before installation and retain them for future reference.

The Dabmar LV203-BZ is a durable cast aluminum directional spot light designed for outdoor use. It features a hooded design, a clear, heat-resistant, tempered glass lens, and an adjustable knuckle for precise light direction. This fixture is pre-wired with UL Listed direct burial wire/cable, ensuring safety and ease of installation.

SAFETY INFORMATION

- Always disconnect power before installing, servicing, or cleaning the fixture.
- Ensure all electrical connections comply with local codes and ordinances.
- This fixture is designed for 12V systems. Do not connect to higher voltage power sources.
- Use only MR16 bulbs with a maximum wattage of 20W.
- The fixture is UL Listed, indicating compliance with safety standards.
- Avoid touching the bulb directly with bare hands, as oils can reduce bulb life. Use a clean cloth or glove.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Dabmar LV203-BZ Hooded Mini Spot Light (20W 12V Mr16 bulb included)



Image: The Dabmar LV203-BZ Hooded Mini Spot Light, featuring a bronze finish and a hooded design. The adjustable knuckle is visible at the base.

SETUP AND INSTALLATION

1. **Choose Location:** Select a suitable outdoor location for the spot light. This fixture is designed for outdoor use and can be mounted on a ceiling or wall, or staked into the ground (ground stake not included).
2. **Prepare Wiring:** The fixture comes pre-wired with UL Listed direct burial wire/cable. Ensure the power source is off before making any connections. Connect the fixture's wire to your 12V landscape lighting system's main cable, following all local electrical codes. Use appropriate waterproof connectors for outdoor applications.
3. **Mounting:**
 - **Ground Installation:** If using a ground stake (sold separately), firmly insert the stake into the ground at the desired location.
 - **Surface Mounting (Ceiling/Wall):** If mounting to a surface, use appropriate screws and anchors (not included) to secure the fixture's base. Ensure the mounting surface can support the fixture's weight.
4. **Adjust Direction:** Loosen the adjustable knuckle to position the light in the desired direction. Once adjusted, tighten the knuckle securely to maintain the angle.
5. **Install Bulb:** The fixture is designed for a 20W 12V MR16 halogen bulb. Carefully insert the bulb into the GU10 base. Avoid touching the glass of the bulb with bare hands.
6. **Restore Power:** Once all connections are secure and the fixture is mounted, restore power to the lighting system.



Image: A close-up view of the Dabmar LV203-BZ Hooded Mini Spot Light, showing the ribbed heat sink design and the adjustable knuckle.

OPERATING INSTRUCTIONS

The Dabmar LV203-BZ spot light operates as part of your 12V landscape lighting system. Operation typically involves controlling the power supply to the entire system.

- **Power On/Off:** The light will turn on when power is supplied to the 12V system and turn off when power is disconnected. This can be controlled via a main switch, timer, or remote control system connected to your landscape lighting transformer.
- **Light Direction:** The adjustable knuckle allows you to direct the light precisely. Loosen the knuckle, adjust the fixture to illuminate the desired area (uplight is a common method for this fixture), and then tighten the knuckle firmly.

- **Brightness:** The fixture provides a bright white light with an output of up to 2000 lumens, depending on the installed 20W MR16 halogen bulb.

If your landscape lighting system includes a remote control or push-button controller, refer to your system's manual for specific operating instructions.

MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your Dabmar LV203-BZ spot light.

- **Cleaning:** Periodically clean the clear, heat-resistant, tempered glass lens and the bronze finish housing with a soft, damp cloth. Avoid abrasive cleaners that could scratch the finish or glass. Ensure the fixture is cool and power is off before cleaning.
- **Bulb Replacement:**
 - a. Disconnect power to the fixture.
 - b. Allow the bulb to cool completely if it has been recently in use.
 - c. Carefully remove the old MR16 bulb from its GU10 base.
 - d. Insert a new 20W 12V MR16 halogen bulb. Avoid touching the new bulb's glass with bare hands.
 - e. Restore power and test the light.
- **Wiring Inspection:** Annually inspect the wiring and connections for any signs of wear, damage, or corrosion. Replace any damaged components immediately.

TROUBLESHOOTING

If your Dabmar LV203-BZ spot light is not functioning correctly, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the system. Faulty bulb. Loose wiring connection.	Check power supply to the 12V landscape lighting system. Replace the MR16 bulb. Inspect and secure all wiring connections.
Light flickers.	Loose bulb. Unstable power supply. Corroded connections.	Ensure the bulb is securely seated. Check the transformer and main power supply. Clean or replace corroded wiring/connectors.
Light is dim.	Incorrect bulb wattage. Dirty lens.	Ensure a 20W MR16 bulb is used. Clean the glass lens.

If the problem persists after attempting these solutions, contact a qualified electrician or Dabmar customer support.

SPECIFICATIONS

Feature	Detail
Model Number	LV203-BZ
Brand	Dabmar

Feature	Detail
Material	Cast Aluminum (Shade), Glass (Lens)
Finish Type	Bronze Finish
Light Source	Halogen Bulbs
Bulb Type	MR16 (20W 12V)
Bulb Base	GU10
Power Source	Corded Electric (12V)
Light Output (Max)	2000 lumens
Indoor/Outdoor Usage	Outdoor
Mounting Type	Ceiling Mount, Wall Mount (also suitable for ground stake)
Item Weight	12.8 ounces
Special Features	Energy Efficient, Adjustable Knuckle, Hooded Design
Safety Certification	UL Listed
UPC	849095004186

WARRANTY INFORMATION

Dabmar products are manufactured to high-quality standards. For specific warranty details regarding your LV203-BZ Hooded Mini Spot Light, please refer to the warranty documentation included with your purchase or visit the official Dabmar website. Typically, warranties cover defects in materials and workmanship under normal use.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your Dabmar LV203-BZ Hooded Mini Spot Light, please contact Dabmar customer support directly. You can usually find contact information on the product packaging or the official Dabmar website.

Online Resources: www.dabmar.com (Please verify the actual manufacturer website for support.)

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