Ushio BC2067

Ushio BC2067 JCR120V-150W/B MR16 Halogen Light Bulb Instruction Manual

Model: BC2067

1. Introduction

This manual provides essential information for the safe and effective use of your Ushio BC2067 JCR120V-150W/B MR16 Halogen Light Bulb. Please read these instructions carefully before installation and operation, and retain them for future reference.

The Ushio JCR 120V-150W/B reflector halogen lamp is designed for various lighting applications. Halogen light bulbs offer a longer life and higher light output compared to traditional incandescent bulbs. They produce a whiter and brighter light with reduced blackening over time. This bulb is dimmable with most compatible dimmers.

2. Safety Information

WARNING: Risk of electric shock and burns.

- Always disconnect power before installing, removing, or handling the bulb.
- Do not touch the bulb with bare hands during or immediately after operation, as it can become extremely hot and cause severe burns. Use a clean cloth or gloves when handling.
- Ensure the bulb is cool before attempting to remove it.
- Do not exceed the maximum wattage rating of your fixture. This bulb is 150W.
- Use only in fixtures designed for MR16 halogen bulbs with a GY5.3 base.
- Keep away from flammable materials.
- Do not use if the bulb is cracked or damaged.
- Dispose of used bulbs according to local regulations.

3. Setup and Installation

Follow these steps for proper installation of your Ushio MR16 Halogen Light Bulb:

1. **Power Disconnection:** Ensure the power supply to the light fixture is turned off at the circuit breaker or fuse box before beginning installation.

2. **Cool Down:** If replacing an existing bulb, allow the old bulb to cool completely before touching it.
3. **Remove Old Bulb:** Carefully remove the old MR16 bulb from its socket. MR16 bulbs typically have two pins (GY5.3 base) that plug into the fixture. Gently pull the bulb straight out.
4. **Handle New Bulb:** Handle the new Ushio MR16 bulb by its ceramic base or reflector, avoiding direct contact with the glass envelope. Oils from your skin can create hot spots on the glass, leading to premature failure.
5. **Insert New Bulb:** Align the two pins of the new bulb with the holes in the GY5.3 socket. Gently push the bulb straight into the socket until it is firmly seated. Do not force the bulb.
6. **Secure Fixture:** If applicable, reassemble any fixture covers or protective elements.
7. **Restore Power:** Turn the power supply back on at the circuit breaker or fuse box.
8. **Test:** Turn on the light switch to confirm proper operation.



Figure 1: Ushio BC2067 JCR120V-150W/B MR16 Halogen Light Bulb. This image shows the clear glass reflector bulb with its two-pin GY5.3 base.

4. Operating Instructions

The Ushio BC2067 MR16 Halogen Light Bulb is designed for straightforward operation once installed.

- **Power On/Off:** Operate the bulb using the standard light switch connected to your fixture.

- **Dimmable Functionality:** This halogen bulb is dimmable. If your fixture is connected to a compatible dimmer switch, you can adjust the light intensity. Ensure your dimmer is rated for halogen or incandescent loads and meets the wattage requirements.
- **Applications:** This bulb is suitable for various indoor applications, including:
    - Interior recessed lighting
    - Track lighting
    - Security lighting
    - General lamp use

5. Maintenance

Halogen bulbs generally require minimal maintenance. Adhering to the following guidelines can help prolong the bulb's life and maintain performance:

- **Cleaning:** If the bulb becomes dusty, ensure the power is off and the bulb is completely cool. Gently wipe the glass with a clean, dry, lint-free cloth. Avoid using liquid cleaners.
- **Handling:** As mentioned in the installation section, avoid touching the glass envelope directly with bare hands. If accidental contact occurs, clean the bulb with rubbing alcohol and a clean cloth before operating to remove any skin oils.
- **Replacement:** Replace the bulb when it reaches the end of its rated life or if it fails. Always ensure the replacement bulb matches the specifications (wattage, voltage, base type) of the original bulb and your fixture.

6. Troubleshooting

If your Ushio MR16 Halogen Light Bulb is not functioning as expected, consider the following common issues and solutions:

- **Bulb Does Not Light:**
    - Check if the power supply to the fixture is on.
    - Ensure the bulb is correctly seated in the socket.
    - Verify that the bulb is not burnt out. Replace with a new bulb if necessary.
    - Check the circuit breaker or fuse for the lighting circuit.
    - Confirm the fixture itself is working by testing with a known good bulb.
- **Bulb Flickers:**
    - Ensure the bulb is securely installed in the socket.
    - If using a dimmer, ensure it is compatible with halogen bulbs and is not faulty.
    - Check for loose wiring in the fixture or switch (consult a qualified electrician if unsure).
- **Bulb Burns Out Prematurely:**
    - Ensure the bulb's wattage does not exceed the fixture's maximum rating.
    - Verify the voltage supplied to the fixture matches the bulb's voltage (120V). Overvoltage can significantly shorten bulb life.
    - Avoid touching the glass envelope with bare hands during installation.
    - Ensure adequate ventilation around the bulb to prevent overheating.

If problems persist after attempting these solutions, contact a qualified electrician or the product supplier for further assistance.

7. Specifications

The following table details the technical specifications for the Ushio BC2067 JCR120V-150W/B MR16 Halogen Light Bulb:

Specification	Value
Brand	Ushio
Model Name	BC2067
Light Type	Halogen
Wattage	150 Watts
Voltage	120 Volts
Bulb Shape Size	MR16
Bulb Base	GY5.3
Light Color	Warm White
Color Temperature	3050 Kelvin
White Brightness	1000 Lumens
Light Source Operating Life	100 Hours
Indoor/Outdoor Usage	Indoor
Control Method	App *(Refers to dimmer control, not bulb feature)*
Controller Type	Push Button *(Refers to dimmer control, not bulb feature)*
Connectivity Technology	Normal bulb (Not Smart Home Compatible)
Material Type	Copper
Item Weight	0.07 Pounds

Note: Specifications are subject to change without notice.

8. Warranty and Support

The manufacturer's warranty description for this product is "Not applicable." Please refer to the retailer's return policy or terms of sale for any applicable guarantees or support.
For further assistance or inquiries, please contact your point of purchase or visit the official Ushio website for general product information.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Example: How do I reset this device or fix this error?

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