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Hikari J2011

Hikari J2011 Halogen T3 Bulb User Manual

Model: J2011

1. Introduction

Thank you for choosing the Hikari J2011 Halogen T3 Bulb. This manual provides essential information for the safe installation, operation, and maintenance of your new halogen bulb. Please read these instructions carefully before use and retain them for future reference.

1.1 Safety Information

- **Electrical Hazard:** Always disconnect power to the fixture before installing, removing, or cleaning the bulb. Failure to do so may result in electric shock.
- **Burn Hazard:** Halogen bulbs operate at high temperatures. Allow the bulb to cool completely before handling. Do not touch the bulb with bare hands during or immediately after operation.
- **Breakage Hazard:** Avoid touching the glass envelope of the bulb with bare hands. Oils from your skin can create hot spots, leading to premature failure or shattering. Use a clean cloth or gloves when handling.
- **Correct Fixture:** Use only in fixtures rated for the bulb's wattage and voltage. Ensure the fixture is designed for T3 R7s/RSC base bulbs.
- **Ventilation:** Ensure adequate ventilation around the bulb to prevent overheating.

2. Setup and Installation

Proper installation is crucial for the performance and longevity of your Hikari J2011 bulb.

2.1 Pre-Installation Checks

- Verify that the power to the light fixture is turned off at the circuit breaker or fuse box.
- Ensure the fixture is compatible with a 150W, 130V/120V, T3, R7s/RSC (118mm) halogen bulb.
- Inspect the new bulb for any visible damage before installation.

2.2 Installation Steps

1. Ensure the power is OFF.
2. If replacing an old bulb, allow it to cool completely before removal.
3. Carefully remove the old bulb from the R7s/RSC socket. This usually involves pushing one end of the bulb into the spring-loaded contact and then pulling the other end out.

4. Using a clean, lint-free cloth or gloves, gently insert one end of the new Hikari J2011 bulb into one side of the R7s/RSC socket.
5. Push the bulb against the spring-loaded contact and align the other end with the opposite socket. Release the pressure to allow the bulb to seat securely.
6. Ensure the bulb is firmly seated and centered in the fixture.
7. Restore power to the fixture.



Image of the Hikari J2011 Halogen T3 150W bulb, showing its clear glass and R7s base.

3. Operating Instructions

The Hikari J2011 Halogen T3 bulb is designed for straightforward operation.

3.1 Basic Operation

- Once installed, turn on the power switch connected to the fixture. The bulb will illuminate instantly.
- The bulb provides a warm white light with a color temperature of 2,850K and a brightness of 2250 lumens.

- To turn off the bulb, simply switch off the power to the fixture.

3.2 Dimmability

This halogen bulb is typically dimmable with compatible dimmer switches. Ensure your dimmer is rated for incandescent/halogen loads and meets the wattage requirements of the bulb.

4. Maintenance

Minimal maintenance is required for your Hikari J2011 bulb to ensure optimal performance and safety.

4.1 Cleaning

- Always ensure the power is off and the bulb is completely cool before cleaning.
- Wipe the glass envelope with a clean, dry, lint-free cloth. Do not use liquid cleaners directly on the bulb.
- If the bulb was accidentally touched with bare hands, clean it with rubbing alcohol on a clean cloth to remove skin oils, then allow it to dry completely before use.

4.2 Replacement

When the bulb reaches the end of its average lifetime (approximately 2000 hours), it will need to be replaced. Follow the installation steps in Section 2.2 for safe replacement.

4.3 Disposal

Dispose of used halogen bulbs according to local regulations. While they do not contain mercury, proper disposal is recommended.

5. Troubleshooting

If you encounter issues with your Hikari J2011 bulb, refer to the following common troubleshooting steps:

- **Bulb does not light:**
  - Check if the power switch is on.
  - Verify that the circuit breaker or fuse is not tripped.
  - Ensure the bulb is correctly and securely seated in the socket.
  - The bulb may have reached the end of its life and needs replacement.
- **Bulb flickers:**
  - Check for loose connections in the fixture or socket.
  - If using a dimmer, ensure it is compatible and rated for the bulb's wattage. An incompatible or faulty dimmer can cause flickering.
- **Bulb burns out prematurely:**
  - Ensure the bulb was not touched with bare hands during installation (skin oils can cause hot spots).
  - Verify the fixture provides adequate ventilation.
  - Check if the voltage supplied to the fixture is within the bulb's specified range (120V/130V). Over-voltage can significantly reduce bulb life.
  - Excessive vibration can also shorten bulb life.

6. Specifications

Detailed technical specifications for the Hikari J2011 Halogen T3 Bulb:

Feature	Specification
Model Number	J2011
Light Type	Halogen
Wattage	150 Watts
Voltage	130 Volts (compatible with 120V systems)
Bulb Shape Size	T3
Base Type	R7s / RSC (Recessed Single Contact)
Length	118mm
Light Color	Warm White
Color Temperature	2850 Kelvin
Brightness	2250 Lumens
Average Lifetime	2000 hours
Finish	Clear
Material	Copper (base contacts)

7. Warranty and Support

Hikari products are manufactured to high-quality standards. While specific warranty details are not provided in this manual, please retain your proof of purchase. For any questions, technical assistance, or warranty inquiries, please contact the retailer where you purchased the product or visit the official Hikari website for support information.

Note: Damage resulting from improper installation, misuse, or operation outside of specified conditions is not covered.

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