

Eiko FCB

Eiko FCB 120V 600W T-4 R7s Base Halogen Bulb

User Manual

1. INTRODUCTION

This user manual provides essential information for the safe and effective use of your Eiko FCB 120V 600W T-4 R7s Base Halogen Bulb. This high-performance lamp is designed for various applications requiring bright, white light. Please read this manual thoroughly before installation and operation, and retain it for future reference.

2. SAFETY INFORMATION

WARNING: Halogen bulbs operate at high temperatures and can cause burns or fire if not handled properly. Always allow the bulb to cool completely before handling.

- Do not touch the glass part of the bulb with bare hands. Oils from your skin can create hot spots, leading to premature failure. Use a clean cloth or gloves when handling.
- Ensure the power supply is disconnected before installing, removing, or cleaning the bulb.
- Use only in fixtures rated for the bulb's wattage and voltage (600W, 120V).
- Do not use if the glass envelope is scratched or cracked.
- Keep away from flammable materials.
- Dispose of used bulbs according to local regulations.

3. PRODUCT OVERVIEW

The Eiko FCB 120V 600W T-4 R7s Base Halogen Bulb is a high-quality lamp featuring a robust tungsten filament designed to produce a brighter, whiter light. Its T-4 shape and R7s base make it suitable for specific lighting fixtures.





Figure 1: Eiko FCB 120V 600W T-4 R7s Base Halogen Bulb. This image displays a clear glass halogen bulb with a visible coiled tungsten filament inside. The bulb features white ceramic R7s base caps on both ends, with '5C' marking visible on one cap.

4. SPECIFICATIONS

Specification	Value
Brand	Eiko
Model Number	FCB
Light Type	Halogen
Wattage	600 watts
Voltage	120 Volts
Bulb Shape Size	T4
Base Type	R7s
Color Temperature	3200 Kelvin
Light Color	Bright White
Material	Tungsten
Product Dimensions	1 x 1 x 2.7 inches
Item Weight	0.353 ounces
UPC	031293031006

5. SETUP / INSTALLATION

Follow these steps to safely install your Eiko FCB halogen bulb:

- Ensure Power is Off:** Before beginning, turn off the power to the fixture at the circuit breaker or fuse box. Verify that the fixture is completely de-energized.
- Allow Cooling:** If replacing an existing bulb, allow the old bulb to cool down completely before touching it.
- Wear Gloves:** Handle the new bulb with a clean, lint-free cloth or gloves. Avoid touching the glass envelope directly with bare hands.
- Remove Old Bulb (if applicable):** Carefully remove the old R7s base bulb from its spring-loaded socket. Gently push one end into the socket and pull the other end out.
- Insert New Bulb:** Align the R7s pins of the new bulb with the corresponding slots in the fixture's socket. Gently push one end of the bulb into its socket, then compress the spring-loaded mechanism to allow the other end to slide into place. Ensure both ends are securely seated.

- 6. **Restore Power:** Once the bulb is securely installed, restore power to the fixture.
- 7. **Test:** Turn on the light switch to confirm proper operation.

6. OPERATING INSTRUCTIONS

The Eiko FCB halogen bulb operates immediately upon receiving power. Simply turn on the light switch connected to the fixture to illuminate the bulb. There are no special operating procedures beyond standard electrical safety practices.

- Ensure the fixture's switch is in the 'OFF' position before connecting power.
- Turn the switch to 'ON' to activate the bulb.
- For optimal bulb life, avoid frequent on/off cycling.

7. MAINTENANCE

Proper maintenance can extend the life and performance of your halogen bulb:

- **Cleaning:** If the bulb's glass becomes dirty or smudged, turn off the power and allow the bulb to cool completely. Gently wipe the glass with a clean, dry, lint-free cloth. Do not use liquid cleaners.
- **Replacement:** Halogen bulbs dim over time. For best performance, consider replacing bulbs when their light output noticeably decreases. Always replace with a bulb of the same wattage and voltage (FCB 120V 600W T-4 R7s Base).
- **Inspection:** Periodically inspect the bulb and fixture for any signs of damage or wear.

8. TROUBLESHOOTING

If you encounter issues with your Eiko FCB halogen bulb, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Bulb does not light up	No power to fixture Bulb not properly seated Bulb is burnt out Faulty fixture or switch	Check circuit breaker/fuse Ensure bulb is fully inserted Replace bulb Consult an electrician
Bulb flickers	Loose connection Incorrect dimmer switch (if applicable) Voltage fluctuations	Turn off power and re-seat bulb Ensure dimmer is compatible with halogen Consult an electrician
Bulb burns out quickly	Frequent handling of glass Over-voltage Excessive vibration Poor ventilation in fixture	Handle with gloves/cloth Verify fixture voltage Ensure stable mounting Check fixture for proper airflow

If the problem persists after attempting these solutions, please contact a qualified electrician or the manufacturer's support.




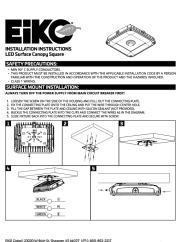
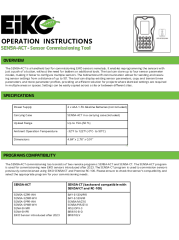
9. WARRANTY AND SUPPORT

Eiko products are manufactured to high standards and are designed for reliable performance. For information regarding warranty coverage, technical support, or replacement parts, please refer to the official Eiko website or contact their customer service department directly. Keep your purchase receipt as proof of purchase.

Eiko Customer Support: Please visit www.eiko.com for contact information and further assistance.

© 2024 Eiko. All rights reserved.
This manual is subject to change without notice.

Related Documents - FCB

	<p>EIKO LED T8 Linear Tube Installation Instructions</p> <p>Comprehensive installation instructions for EIKO LED T8 Type B Linear Tube lights, covering safety precautions, maintenance, and detailed wiring diagrams for retrofitting fluorescent luminaires.</p>
	<p>EIKO VL1 Series LED Volumetric Troffer Installation Instructions</p> <p>Comprehensive installation guide for the EIKO VL1 Series LED Volumetric Troffer, covering overview, safety precautions, installation steps, wiring schematics, and sensor installation. Includes power and CCT selection.</p>
	<p>EIKO Z10 Microwave Bi-Level Dimming Sensor with Photocell Installation Guide</p> <p>Comprehensive installation guide for the EIKO Z10 Microwave Bi-Level Dimming Sensor with Photocell, detailing specifications, sensor coverage, and FCC compliance information for proper setup and operation.</p>
	<p>EIKO LED Surface Canopy Square Installation Instructions</p> <p>This document provides detailed installation instructions for the EIKO LED Surface Canopy Square fixture, covering safety precautions, surface mounting, side wiring, pendent mounting, power adjustment, and Z10 sensor installation.</p>
	<p>EIKO SEN5A-ACT Sensor Commissioning Tool: Operation Instructions</p> <p>User manual for the EIKO SEN5A-ACT handheld sensor commissioning tool. Covers overview, specifications, program compatibility, button functions, parameter settings, and usage instructions for SEN5A-ACT and SEN5A-CT programs.</p>

 <p>selection solutions simplicity eforum Eiko Lighting Solutions Corporate Office: 20000 E. 1st Avenue, Suite 100, Aurora, CO 80012 Phone: (303) 741-1111 Fax: (303) 741-1112 Email: info@eiko.com</p>	<p>EIKO MH-DE70/TD/UVS/3K Metal Halide Lamp - Specifications and Data</p> <p>Detailed specifications for the EIKO MH-DE70/TD/UVS/3K Metal Halide Lamp, including wattage, base type, lumen output, color temperature, and ordering information.</p>
--	---