

Eiko EYB

Eiko EYB 82V 360W T3-1/2 G5.3 Base Halogen Lamp Instruction Manual



1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Eiko EYB 82V 360W T3-1/2 G5.3 Base Halogen Lamp. Please read these instructions carefully before installation and operation to ensure proper function and longevity of the product.

2. SAFETY INFORMATION

Halogen lamps operate at high temperatures and contain pressurized gas. Improper handling or use can result in personal injury or property damage. Adhere to the following safety guidelines:

- Always disconnect power to the fixture before installing, removing, or cleaning the lamp.
- Allow the lamp to cool completely before handling to prevent burns.
- Avoid touching the glass envelope of the lamp with bare hands. Oils from skin can create hot spots, leading to premature failure. Use a clean cloth or gloves during handling.
- Do not exceed the specified voltage and wattage for your fixture.
- Ensure the lamp is securely seated in its base before applying power.
- Dispose of used lamps according to local environmental regulations.

3. SETUP AND INSTALLATION

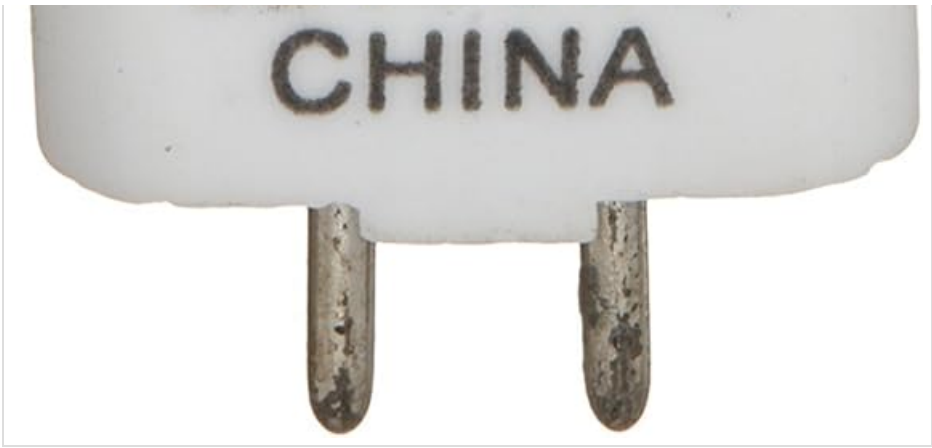
Follow these steps for proper installation of the Eiko EYB halogen lamp:

1. **Power Disconnection:** Ensure the power supply to the fixture is completely turned off and locked out if possible.
2. **Cooling:** If replacing an existing lamp, allow it to cool down for at least 15 minutes to prevent burns.
3. **Old Lamp Removal (if applicable):** Carefully grasp the old lamp and pull it straight out from the G5.3 base. Avoid twisting if the base is a push-in type.
4. **New Lamp Handling:** Handle the new Eiko EYB lamp by its ceramic base. Do not touch the glass bulb with bare hands. If the glass is accidentally touched, clean it thoroughly with rubbing alcohol and a lint-free cloth before installation.
5. **Insertion:** Align the two pins of the Eiko EYB lamp with the holes in the G5.3 base. Gently push the lamp straight

into the base until it is fully seated. Do not force the lamp.

6. **Power Reconnection:** Once the lamp is securely installed, restore power to the fixture.





A close-up view of the Eiko EYB halogen lamp, showing its clear glass envelope, coiled tungsten filament, and the white ceramic G5.3 base with two metal pins. The base is labeled with 'EIKO EYB 82V 360W CHINA'.

4. OPERATING INSTRUCTIONS

The Eiko EYB halogen lamp is designed for straightforward operation within compatible fixtures.

- **Power On/Off:** Activate the fixture's power switch to turn the lamp on or off.
- **Dimming (if applicable):** This lamp is dimmable. If your fixture is equipped with a compatible dimmer switch, you can adjust the light output. Ensure the dimmer is rated for halogen lamps and the total wattage of the installed lamps.

5. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your Eiko EYB halogen lamp.

- **Cleaning:** If the lamp's glass envelope becomes dusty or dirty, disconnect power and allow it to cool. Gently wipe the glass with a clean, dry, lint-free cloth. For stubborn marks, use a small amount of rubbing alcohol.
- **Inspection:** Periodically inspect the lamp for any signs of damage or discoloration. If the lamp appears dim or flickers, it may be nearing the end of its lifespan.
- **Replacement:** Replace the lamp when it fails or when its light output significantly diminishes. Always replace with a lamp of the same voltage and wattage (Eiko EYB 82V 360W) to ensure compatibility and safety.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Lamp does not light	No power to fixture, loose connection, faulty lamp, faulty fixture	Check power supply, ensure lamp is fully seated, replace lamp, inspect fixture wiring
Lamp is dim	Lamp nearing end of life, incorrect voltage, dirty glass	Replace lamp, verify fixture voltage, clean lamp glass
Lamp fails prematurely	Over-voltage, improper handling (fingerprints), excessive vibration, faulty fixture	Verify fixture voltage, handle with gloves, ensure stable mounting, inspect fixture

If problems persist after attempting these solutions, consult a qualified electrician or the fixture manufacturer.

7. SPECIFICATIONS

Key technical specifications for the Eiko EYB 82V 360W T3-1/2 G5.3 Base Halogen Lamp:

- **Brand:** Eiko
- **Model:** EYB
- **Voltage:** 82 Volts
- **Wattage:** 360 Watts
- **Light Type:** Halogen
- **Bulb Shape Size:** T3-1/2
- **Bulb Base:** G5.3
- **Light Color:** Bright White
- **Color Temperature:** 3300 Kelvin
- **Brightness:** 10000 Lumens
- **Material:** Tungsten
- **Product Dimensions:** 1 x 1 x 2.7 inches
- **Item Weight:** 1.6 ounces
- **Special Feature:** Dimmable

8. WARRANTY INFORMATION

This product is covered by the manufacturer's standard warranty. For specific details regarding warranty terms, duration, and claims procedures, please refer to the official Eiko website or contact Eiko customer service directly. Keep your purchase receipt as proof of purchase.





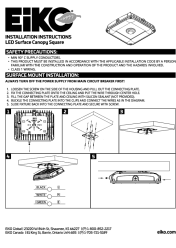
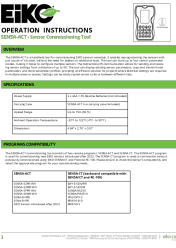
9. SUPPORT AND CONTACT INFORMATION

For technical assistance, product inquiries, or further support, please contact Eiko customer service.

- **Manufacturer:** Eiko
- **Website:** Refer to Eiko's official website for current contact details.
- **Customer Service:** Refer to Eiko's official website for current contact details.



Related Documents - EYB

	<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 CSX1 Series LED Commercial Strip Premium Installation Instructions</p> <p>Comprehensive installation guide for the EIKO CSX1 Series LED Commercial Strip Premium fixtures, covering surface mount, chain mount, and optional accessory installations.</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, pendant 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>