

## Technical Precision IKOLUX AJ24

# Technical Precision Replacement for ZEISS IKOLUX AJ24 Light Bulb User Manual

Model: IKOLUX AJ24

## INTRODUCTION

This manual provides essential information for the safe and effective use of your Technical Precision Replacement for ZEISS IKOLUX AJ24 Light Bulb. Please read these instructions carefully before installation and retain them for future reference. This bulb is a replacement component and is not manufactured by ZEISS.

## SAFETY INFORMATION

- **Electrical Safety:** Always disconnect power to the fixture before installing or replacing the bulb to prevent electric shock.
- **Handling:** Halogen bulbs can become very hot. Allow the bulb to cool completely before handling. Avoid touching the glass part of the bulb with bare hands, as oils can cause hot spots and reduce bulb life. Use a clean cloth or gloves.
- **Compatibility:** Ensure the replacement bulb's voltage (22V) and wattage (150W) match the requirements of your ZEISS IKOLUX AJ24 fixture.
- **Disposal:** Dispose of used bulbs according to local regulations.

## PRODUCT OVERVIEW

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The Technical Precision Replacement for ZEISS IKOLUX AJ24 Light Bulb is a high-efficiency halogen bulb designed for specific equipment requiring the IKOLUX AJ24 model. It features a GY6.35 base and a T4 tubular shape.



*Image 1: Front view of the Technical Precision Replacement for ZEISS IKOLUX AJ24 Light Bulb. This image shows the clear glass bulb with its internal filament and two-pin GY6.35 base.*



*Image 2: Angled view of the Technical Precision Replacement for ZEISS IKOLUX AJ24 Light Bulb, highlighting the tubular shape and pin connectors.*

## SETUP AND INSTALLATION

1. **Power Off:** Ensure the power supply to the ZEISS IKOLUX AJ24 fixture is completely disconnected before proceeding.
2. **Cool Down:** If replacing an existing bulb, allow it to cool down completely before touching.
3. **Remove Old Bulb:** Carefully remove the old bulb from its socket. Note its orientation if applicable.
4. **Handle New Bulb:** Using a clean cloth or gloves, carefully unpackage the new Technical Precision replacement bulb. Avoid touching the glass with bare hands.
5. **Insert New Bulb:** Align the two pins of the GY6.35 base with the socket in the fixture. Gently push the bulb into place until it is securely seated. Do not force the bulb.
6. **Restore Power:** Once the bulb is securely installed, restore power to the fixture.
7. **Test:** Turn on the fixture to confirm the new bulb is functioning correctly.



*Image 3: Close-up view of the GY6.35 base pins, illustrating the connection points for installation.*

## OPERATING INSTRUCTIONS

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This replacement bulb operates as a direct substitute for the original ZEISS IKOLUX AJ24 bulb. Operation is controlled by the host fixture's power switch or control system. No special operating procedures are required for the bulb itself.

- **Instant On:** The bulb provides instant illumination upon activation.
- **High Efficiency:** Designed for high efficiency, providing optimal light output for its wattage.

## MAINTENANCE

- **Cleaning:** If the bulb's glass surface becomes dirty, ensure the power is off and the bulb is cool. Gently wipe with a clean, dry, lint-free cloth. Do not use liquid cleaners.
- **Inspection:** Periodically inspect the bulb for any signs of damage or wear. If the bulb appears damaged, replace it immediately.
- **Replacement:** The bulb has an estimated operating life of 50 hours. Replace the bulb when it reaches the end of its life or if its performance degrades.



Image 4: Side view of the replacement bulb, showcasing its glass construction and tubular shape.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture. Bulb not properly seated. Bulb is faulty or at end of life. Fixture issue.	Check power supply and circuit breaker. Ensure bulb pins are fully inserted into the socket. Replace the bulb with a new one. Consult the fixture's manual or a qualified technician.

Problem	Possible Cause	Solution
Bulb flickers.	Loose connection. Voltage fluctuations. Bulb nearing end of life.	Ensure bulb is securely seated. Check power supply stability. Replace the bulb.
Bulb burns out quickly.	Over-voltage. Frequent switching. Excessive vibration. Oils/residue on glass.	Verify fixture voltage matches bulb (22V). Minimize frequent on/off cycles. Ensure fixture is stable. Handle bulb with a clean cloth or gloves during installation.

## SPECIFICATIONS

<b>Brand:</b>	Technical Precision
<b>Model Name:</b>	IKOLUX AJ24
<b>Light Type:</b>	Halogen
<b>Wattage:</b>	150 Watts
<b>Voltage:</b>	22 Volts
<b>Bulb Base:</b>	GY6.35
<b>Bulb Shape Size:</b>	T4 (Tubular)
<b>Color Temperature:</b>	3300 Kelvin
<b>Operating Life:</b>	50 Hours
<b>Material:</b>	Glass
<b>Special Features:</b>	High Efficiency, Instant On

## WARRANTY INFORMATION

This product comes with a **1-year manufacturer warranty**. For warranty claims or details, please contact Technical Precision directly. The warranty covers defects in materials and workmanship under normal use.

## SUPPORT

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For further assistance, technical support, or inquiries regarding the Technical Precision Replacement for ZEISS IKOLUX AJ24 Light Bulb, please visit the official Technical Precision store or contact their customer service.

**Technical Precision Store:** [Visit Store on Amazon](#)