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› Technical Precision 6.3V1W-M Replacement Light Bulb Instruction Manual

Technical Precision 63V1W-M

Instruction Manual

REPLACEMENT FOR IZUMI 6.3V1W-M LIGHT BULB

Model: 63V1W-M | Brand: Technical Precision

1. Introduction

This manual provides essential information for the safe and effective use of your Technical Precision 6.3V1W-M replacement light bulbs. These bulbs are designed as direct replacements for Izumi 6.3V1W-M models, offering reliable illumination for compatible applications. Please read this manual thoroughly before installation and operation.

2. Product Overview and Components

The Technical Precision 6.3V1W-M is a miniature incandescent light bulb, typically used in various low-voltage applications. Each pack contains 10 units of these bulbs.

- **Bulb Type:** Incandescent
- **Base Type:** BA9S (Miniature Bayonet)
- **Voltage:** 6.3 Volts
- **Wattage:** 1 Watt
- **Light Color:** Warm White
- **Brightness:** 1 Lumen
- **Average Life:** Approximately 5000 Hours
- **Material:** Copper base, clear glass envelope
- **Dimensions:** Approximately 0.94 inches in length



Image: A pack of ten Technical Precision 6.3V1W-M replacement light bulbs.



Image: Detailed view of a single 6.3V1W-M light bulb.



Image: The compact size of the bulb demonstrated in hand.

3. Specifications

Specification	Value
Brand	Technical Precision
Model Name	63V1W-M
Light Type	Incandescent
Wattage	1 Watts
Bulb Base	BA9S
Voltage	6 Volts
Brightness	1 Lumen

Specification	Value
Light Color	Warm White
Average Life	5000 Hours
Bulb Length	0.94 Inches
Material	Copper
Indoor/Outdoor Usage	Indoor

4. Installation / Setup

Follow these steps to safely install your replacement light bulb:

- Safety First:** Before attempting to replace any light bulb, ensure the power to the fixture or device is completely turned off. If possible, unplug the device or switch off the circuit breaker controlling the power supply.
- Allow Cooling:** If the previous bulb was recently in use, allow it to cool down completely before handling to prevent burns.
- Remove Old Bulb:** Gently twist or pull the old bulb from its socket, depending on the socket type. For BA9S bases, typically a push-and-twist motion is required to release the bulb from its bayonet fitting.
- Inspect Socket:** Check the socket for any debris, corrosion, or damage. Ensure it is clean and dry before inserting the new bulb.
- Insert New Bulb:** Align the pins on the base of the new Technical Precision 6.3V1W-M bulb with the slots in the socket. Push the bulb gently into the socket and twist clockwise until it locks into place. Do not force the bulb.
- Verify Fit:** Ensure the bulb is seated firmly and correctly in the socket.
- Restore Power:** Once the new bulb is securely installed, restore power to the fixture or device.
- Test:** Turn on the light to confirm proper operation.

Note: Always ensure the replacement bulb's voltage and wattage match the requirements of your fixture to prevent damage or malfunction.

5. Operating Instructions

Once the Technical Precision 6.3V1W-M light bulb is correctly installed in a compatible fixture, its operation is controlled by the power switch of that fixture or device. Simply turn on the power to illuminate the bulb. There are no specific operating controls on the bulb itself.

6. Maintenance

These light bulbs require minimal maintenance:

- Cleaning:** If the bulb becomes dusty, ensure the power is off and the bulb is cool. Gently wipe the glass with a soft, dry,

lint-free cloth. Avoid using liquid cleaners or abrasive materials.

- **Handling:** When handling the bulb, especially during installation or removal, try to hold it by its metal base rather than the glass envelope to avoid transferring oils from your skin, which can reduce bulb life.
- **Storage:** Store unused bulbs in their original packaging in a cool, dry place to protect them from damage.

7. Troubleshooting

If your Technical Precision 6.3V1W-M light bulb is not functioning as expected, consider the following:

- **Bulb Does Not Light:**
 - Ensure the power to the fixture is on.
 - Check if the bulb is securely seated in the socket. Re-insert if necessary, ensuring the pins are aligned.
 - Verify that the fixture itself is receiving power (e.g., check circuit breaker, wall switch).
 - Confirm that the fixture's voltage and wattage requirements match the bulb's specifications.
 - Test the bulb in another known working fixture, or test another known working bulb in the current fixture to isolate the issue.
- **Bulb Flickers:**
 - This often indicates a loose connection. Turn off power, remove the bulb, and re-insert it firmly.
 - Check the socket for any loose wires or corrosion. (Consult a qualified electrician if wiring issues are suspected).
 - Ensure the power supply is stable and not fluctuating.
- **Bulb Burns Out Quickly:**
 - Verify that the fixture's voltage does not exceed the bulb's rated voltage (6.3V). Over-voltage will significantly shorten bulb life.
 - Ensure adequate ventilation around the bulb if it's enclosed, as excessive heat can reduce lifespan.

If troubleshooting steps do not resolve the issue, the bulb may be faulty and require replacement.

8. Warranty and Support

Technical Precision is committed to providing quality lighting solutions. As a small business, we value your satisfaction. For support or inquiries regarding your Technical Precision 6.3V1W-M replacement light bulbs, please refer to the seller information on your purchase platform or visit the official Technical Precision store page for contact details. While specific warranty terms may vary by retailer, we stand by the quality of our products.

You can find more information about Technical Precision and our product offerings by visiting our Amazon store: [Technical Precision Store](#).

