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Technical Precision L70W / 21-840

Technical Precision L70W / 21-840 Fluorescent Light Bulb Instruction Manual

Model: L70W / 21-840 | Brand: Technical Precision

INTRODUCTION

This manual provides essential information for the safe and effective use of your Technical Precision L70W / 21-840 Fluorescent Light Bulb. Please read these instructions carefully before installation and retain them for future reference.



Image: Technical Precision L70W / 21-840 Fluorescent Light Bulb. This image shows the tubular shape of the fluorescent bulb.

Package Contents

- 1 x Technical Precision L70W / 21-840 Fluorescent Light Bulb (Replacement Part)

SPECIFICATIONS

Brand	Technical Precision
Model Name	L70W / 21 - 840
Light Type	Fluorescent
Wattage	70 Watts
Bulb Shape Size	T8
Bulb Base	G13

Color Temperature	5200 Kelvin
Average Life	20000 Hours
Voltage	120 Volts (Accepted: 100 to 120 Volts)
Indoor/Outdoor Usage	Indoor
Material	Glass
Special Features	High Efficiency, Instant On

SETUP AND INSTALLATION

Safety Precautions

- Always turn off the power to the fixture at the circuit breaker or fuse box before attempting any installation or replacement.
- Ensure your hands are dry before handling electrical components.
- Do not use this bulb in fixtures not designed for fluorescent lighting or with incompatible ballasts.
- Handle the glass bulb carefully to prevent breakage.
- If unsure about installation, consult a qualified electrician.

Installation Steps

1. **Power Off:** Ensure the power supply to the light fixture is completely disconnected.
2. **Remove Old Bulb:** Carefully remove the existing fluorescent bulb from the fixture. For tubular bulbs, typically rotate the bulb 90 degrees and gently pull it out of the sockets.
3. **Insert New Bulb:** Align the pins of the Technical Precision L70W / 21-840 bulb with the slots in the fixture's sockets. Gently push the bulb into the sockets and rotate it 90 degrees until it locks securely into place.
4. **Restore Power:** Once the bulb is securely installed, restore power to the fixture at the circuit breaker or fuse box.
5. **Test:** Turn on the light switch to confirm proper operation.

OPERATION

The Technical Precision L70W / 21-840 Fluorescent Light Bulb operates like a standard fluorescent bulb. Once installed in a compatible fixture with a working ballast, simply use the wall switch or fixture control to turn the light on or off. This bulb features "Instant On" capability, providing immediate illumination.

MAINTENANCE

Minimal maintenance is required for this fluorescent light bulb. Follow these guidelines to ensure optimal performance and longevity:

- **Cleaning:** Periodically, with the power off and the bulb cooled, gently wipe the bulb with a soft, dry, lint-free cloth to remove dust and debris. Do not use liquid cleaners directly on the bulb.
- **Replacement:** Replace the bulb when it reaches the end of its rated average life (approximately 20,000 hours) or if it begins to flicker or fail. Always ensure the power is off before replacing.
- **Disposal:** Fluorescent bulbs contain small amounts of mercury and should be disposed of according to local regulations. Do not dispose of them in regular household trash. Many retailers and recycling centers offer fluorescent bulb recycling programs.

TROUBLESHOOTING

If you encounter issues with your fluorescent light bulb, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Bulb does not light up	No power to fixture, loose bulb, faulty ballast, expired bulb.	Check circuit breaker. Ensure bulb is securely seated. Test with a known good bulb. Replace ballast if necessary. Replace bulb if expired.
Bulb flickers	Loose connection, aging bulb, incompatible ballast, cold temperature.	Ensure bulb is securely seated. Replace bulb if aging. Verify ballast compatibility. Allow bulb to warm up in cold environments.
Dim light output	Dust accumulation, aging bulb.	Clean the bulb and fixture. Replace bulb if aging.
Buzzing noise from fixture	Faulty or aging ballast.	Replace the ballast.

WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your Technical Precision L70W / 21-840 Fluorescent Light Bulb, please refer to the product packaging or contact Technical Precision customer service directly. Contact details can typically be found on the manufacturer's official website or product documentation.