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› SYLVANIA 24082 FB40/D41/6 U-Shaped T12 Fluorescent Tube Light Bulb User Manual

SYLVANIA 24082

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Model: 24082 | Brand: SYLVANIA

INTRODUCTION

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your SYLVANIA 24082 FB40/D41/6 U-Shaped T12 Fluorescent Tube Light Bulb. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INFORMATION

Always observe basic safety precautions when installing or replacing fluorescent light bulbs. Failure to do so may result in electric shock, fire, or personal injury.

- **WARNING:** Turn off power at the circuit breaker or fuse box before installation or removal.
- Do not use this bulb with dimmers unless specifically rated for fluorescent dimming systems.
- Handle the bulb carefully to avoid breakage. Broken glass can cause injury.
- Ensure the fixture is compatible with T12 U-shaped fluorescent bulbs with 6-inch leg spacing and a medium bi-pin base (G13).
- Dispose of fluorescent bulbs according to local regulations, as they contain small amounts of mercury.

PRODUCT OVERVIEW

The SYLVANIA 24082 is a 40-watt, U-shaped T12 fluorescent tube light bulb designed for indoor use. It features a cool white light with a color temperature of 4100 Kelvin and provides 3050 lumens of brightness. Its average lifetime is 18,000 hours.



Image: SYLVANIA 24082 FB40/D41/6 U-Shaped T12 Fluorescent Tube Light Bulb. This image shows the U-shaped glass tube with the bi-pin connectors at each end of the 'U' bend.

SETUP AND INSTALLATION

1. **Power Off:** Before beginning installation, ensure the power supply to the fixture is completely turned off at the circuit breaker or fuse box.
2. **Remove Old Bulb (if applicable):** If replacing an existing bulb, carefully twist the old bulb to align the pins with the slots in the lampholder, then gently pull it out.
3. **Inspect Fixture:** Check the lampholders for any damage or corrosion. Ensure they are clean and in good working condition.
4. **Insert New Bulb:** Align the two pins on each end of the SYLVANIA 24082 bulb with the slots in the lampholders. Gently push the bulb into the lampholders until the pins are fully seated, then twist the bulb slightly to lock it into place. Ensure the bulb is securely seated and the 6-inch leg spacing is accommodated by the fixture.
5. **Power On:** Once the bulb is securely installed, restore power to the fixture at the circuit breaker or fuse box.

6. **Test:** Turn on the light switch to verify proper operation.

OPERATING INSTRUCTIONS

This fluorescent tube operates with a compatible fluorescent ballast. Simply use the standard wall switch or fixture control to turn the light on and off. This bulb is designed for instant-start or rapid-start fluorescent fixtures.

- **Initial Start-up:** It may take a few seconds for the bulb to reach full brightness upon initial power-on, especially in colder environments.
- **Frequent Switching:** Frequent switching on and off can reduce the lifespan of fluorescent bulbs. It is recommended to leave the light on for extended periods when in use.

MAINTENANCE

- **Cleaning:** Ensure power is off before cleaning. Gently wipe the bulb with a soft, dry, lint-free cloth. Do not use liquid cleaners directly on the bulb.
- **Replacement:** Replace the bulb when it reaches the end of its useful life (indicated by flickering, dimming, or failure to ignite). Always replace with a bulb of the same type and wattage to ensure compatibility and optimal performance.
- **Fixture Inspection:** Periodically inspect the fixture wiring and lampholders for signs of wear, damage, or loose connections.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light up.	No power to fixture.	Check circuit breaker/fuse.
	Bulb not properly seated.	Ensure bulb is securely installed.
	Defective bulb.	Replace bulb with a known good one.
	Defective ballast or starter (if applicable).	Consult a qualified electrician to check ballast/starter.
Bulb flickers or hums.	Bulb nearing end of life.	Replace bulb.
	Loose connection.	Ensure bulb is securely seated.
	Incorrect or failing ballast.	Consult a qualified electrician.
	Cold ambient temperature.	Allow time for bulb to warm up.
Reduced light output.	Bulb nearing end of life.	Replace bulb.
	Dirty bulb or fixture.	Clean bulb and fixture.

SPECIFICATIONS

Model Number	24082
Type	U-Shaped T12 Fluorescent Tube
Wattage	40 Watts
Color Temperature	4100 Kelvin (Cool White)

Brightness	3050 Lumens
Color Rendering Index (CRI)	70
Average Lifetime	18,000 hours
Base Type	Medium Bi-pin (G13)
Leg Spacing	6 inches
Indoor/Outdoor Use	Indoor

DISPOSAL INFORMATION

This product contains mercury and must be disposed of in accordance with local, state, and federal laws. Do not dispose of with regular household waste. For recycling options, please visit www.epa.gov/mercury or contact your local waste management authority.

WARRANTY AND SUPPORT

For warranty information or technical support regarding your SYLVANIA product, please refer to the packaging or visit the official SYLVANIA website. Keep your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: Sylvania
Brand: SYLVANIA
Contact: Refer to official SYLVANIA channels for customer service.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question