

Glo A1589

Glo Sun-Glo Fluorescent Bulb (Model A1589) Instruction Manual

14-Watt, 15-Inch T8 Aquarium Light

INTRODUCTION

This manual provides instructions for the safe and effective use of your Glo 14-Watt Sun-Glo Fluorescent Bulb, Model A1589. This T8 linear fluorescent bulb is designed to provide a natural daylight spectrum (4200 Kelvin) for freshwater aquariums, promoting a balanced and natural appearance.

IMPORTANT SAFETY INFORMATION

- **Electrical Hazard:** Always disconnect power to the light fixture before installing, removing, or cleaning the bulb.
- **Fragile Glass:** Handle the fluorescent bulb with care. It is made of glass and can break if dropped or mishandled.
- **Proper Disposal:** Fluorescent bulbs contain small amounts of mercury. Dispose of them according to local regulations. Do not dispose of with general household waste.
- **Compatibility:** Ensure the bulb's wattage and length match your aquarium light fixture's specifications. This bulb is a 14-watt, 15-inch T8 type.
- **Indoor Use Only:** This product is intended for indoor aquarium use only.

SETUP AND INSTALLATION

1. **Unpack the Bulb:** Carefully remove the Glo Sun-Glo Fluorescent Bulb from its packaging. Inspect for any visible damage.
2. **Disconnect Power:** Before proceeding, ensure the aquarium light fixture is unplugged from the power outlet.
3. **Remove Old Bulb (if applicable):** If replacing an existing bulb, gently twist the old bulb 90 degrees

and pull it out of the lamp holders.

4. **Install New Bulb:** Align the pins on each end of the new Glo Sun-Glo bulb with the slots in the lamp holders of your fixture. Insert the pins and gently twist the bulb 90 degrees until it clicks securely into place. Ensure both ends are firmly seated.
5. **Reconnect Power:** Once the bulb is securely installed, plug the aquarium light fixture back into the power outlet.



Image: Glo 14-Watt Sun-Glo Fluorescent Bulb (Model A1589) showing its tubular shape and pins. This bulb is designed for easy installation into compatible aquarium light fixtures.

OPERATING INSTRUCTIONS

The Glo Sun-Glo Fluorescent Bulb is designed for simple operation. Once installed, the bulb will illuminate when power is supplied to the fixture. Most aquarium light fixtures have an on/off switch or are connected to a timer.

- **Light Cycle:** For optimal fish health and plant growth (if applicable), maintain a consistent light cycle, typically 8-12 hours per day.
- **Natural Daylight:** The 4200 Kelvin color temperature provides a natural-looking daylight spectrum, enhancing the colors of your freshwater fish and creating a pleasant viewing experience.

MAINTENANCE

- **Cleaning:** Periodically, with the power disconnected, gently wipe the bulb with a soft, damp cloth to remove any dust or water spots that may accumulate and reduce light output. Ensure the bulb is completely dry before reconnecting power.
- **Replacement:** Fluorescent bulbs have a finite lifespan. Over time, their light output diminishes, and their spectrum can shift. It is recommended to replace your Glo Sun-Glo bulb every 6-12 months, depending on usage, to maintain optimal light quality for your aquarium.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light up.	No power to fixture, bulb not seated correctly, faulty ballast, or expired bulb.	Check power connection. Ensure bulb is twisted firmly into lamp holders. Test with a known working bulb or fixture. Replace bulb if old.
Bulb flickers or is dim.	Aging bulb, poor connection, or failing ballast.	Replace bulb. Ensure connections are clean and secure. Consult a qualified electrician if ballast is suspected.
Bulb makes humming noise.	Normal operation for some ballasts, or an indication of an aging ballast.	If the hum is excessive or new, consider replacing the ballast or fixture.

SPECIFICATIONS

Model Number: A1589

Brand: Glo

Light Type: Fluorescent

Wattage: 14 Watts

Bulb Shape Size: T8 (25 mm diameter)

Length: 15 Inches

Color Temperature: 4200 Kelvin (Natural Daylight)

Light Color: White

Voltage: 240 Volts (check fixture compatibility)

Material Type: Glass

Product Dimensions: 1.3 x 1.3 x 16.2 inches (including pins)

Item Weight: 0.2 Pounds

Compatibility: Fits standard and electronic ballasts

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your original purchase or contact the retailer where the product was acquired. You may also visit the official [Glo Store](#) for additional product information.