

[Manuals.plus](#) /

› [GLOWRIUM](#) /

› GLOWRIUM LED Aquarium Light User Manual (Model GC035002, 36-47 inch)

GLOWRIUM GC035002

GLOWRIUM LED Aquarium Light User Manual

Model: GC035002 (36-47 inch variant)

For optimal performance and safety, please read this manual thoroughly before use.

1. PRODUCT OVERVIEW

The GLOWRIUM LED Aquarium Light is designed to provide optimal lighting for freshwater planted tanks, enhancing both plant growth and the visual appeal of your aquatic environment. It features a full spectrum of light, an auto-timer, IP67 waterproofing, and dimmable RGB+W+Moon LEDs, all controllable via an LCD remote.

Key Features:

- **Remote Controller with LCD Display:** Provides visual adjustments for time and spectrum, allowing personalized lighting.
- **High Luminous Efficiency and CRI:** Energy-efficient LED technology ensures optimal plant growth and a natural environment for fish. Includes a specially designed blue spotlight.
- **Auto-Timer Setting:** Allows setting sunrise and sunset times for a natural 24/7 cycle with a 30-minute ramp-up/down. Features power-down memory.
- **IP67 Waterproof and Extendable Bracket:** Enhanced safety and durability with flexible adjustments for various aquarium sizes.

High Performance Aquarium Light

- High lumen output up to 100lm/W.
- High PAR value to fullfill planted aquarium.
- High CRI to bring you the vivid aquarium
- High Power output with good heat dissipation.

Image: Overview of the GLOWRIUM LED Aquarium Light's high performance, including high lumen output, PAR value, CRI, and efficient heat dissipation.

2. WHAT'S IN THE BOX

Carefully unpack the box and ensure all items are present:

- GLOWRIUM LED Aquarium Light
- Remote Control
- Power Adapter
- Power Cable
- Extendable Brackets (Stand)
- User Manual (this document)

3. SPECIFICATIONS

Brand	GLOWRIUM
Model Number	GC035002
Color	Black
Material	Aluminum
Light Source Type	Light Emitting Diode (LED)
Power Source	Corded Electric
Voltage	24 Volts
Light Source Wattage	Varies by size variant (e.g., 27 Watts for 36-47 inch model)
Mounting Type	Bracket Mount
Color Temperature	7500 Kelvin
Color Rendering Index (CRI)	94.0

Waterproof Rating	IP67
Remote Control Batteries	2 AAA batteries (not included)

Note: Specific wattage and dimensions vary depending on the purchased size variant (e.g., 36-47 inch). Refer to the setup section for bracket adjustment and size compatibility.

4. SETUP INSTRUCTIONS

- 1. Attach Brackets:** Slide the extendable brackets onto both ends of the LED light fixture. Ensure they are securely attached.
- 2. Position Light:** Place the light fixture on top of your aquarium. Adjust the extendable brackets to fit your tank's width. Ensure the light is centered and stable.
- 3. Connect Power:** Connect the power cable to the LED light fixture, then connect the power adapter. Plug the adapter into a suitable power outlet.
- 4. Insert Remote Batteries:** Open the battery compartment on the back of the remote control and insert 2 AAA batteries (not included), observing correct polarity.

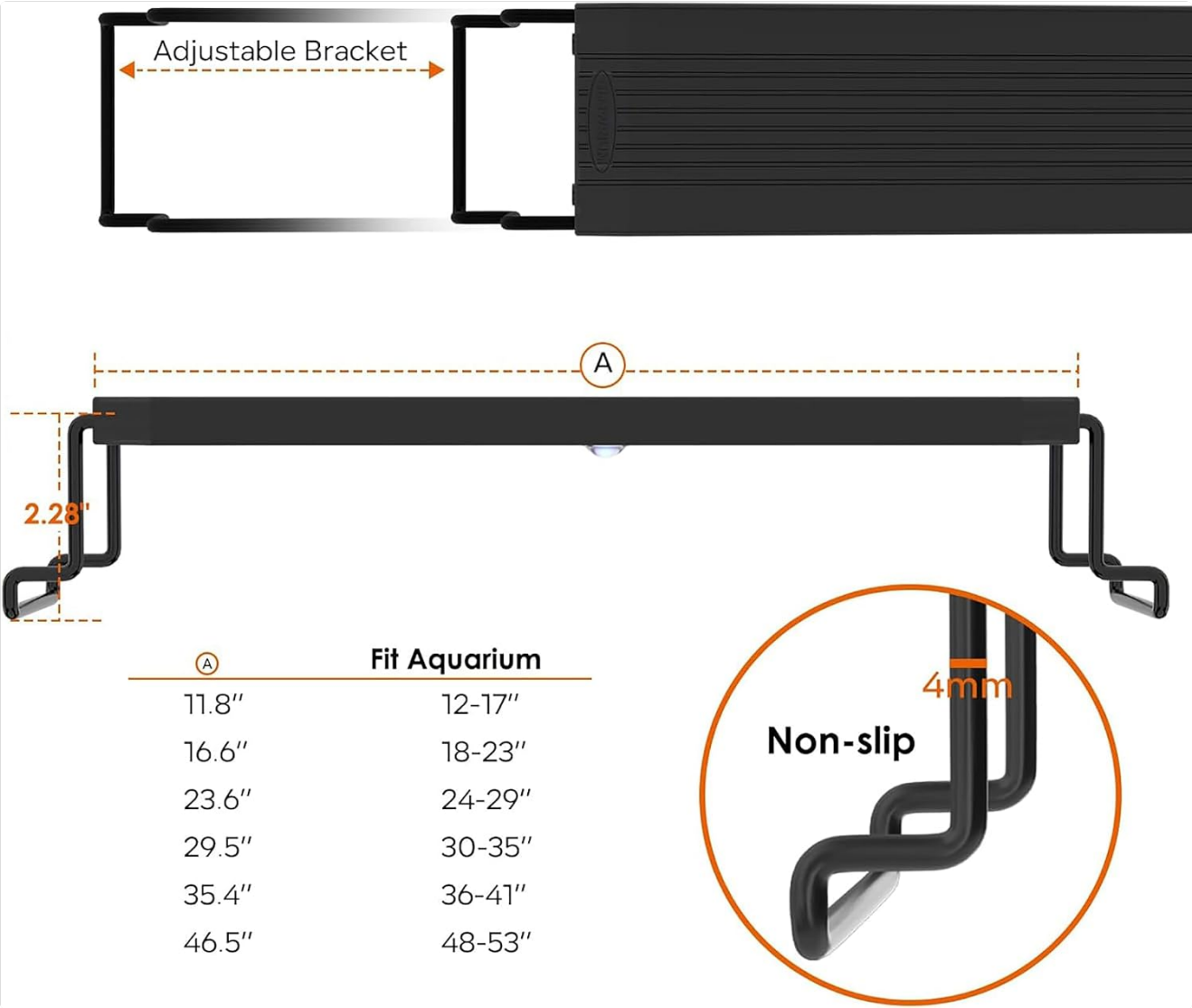


Image: Adjustable brackets and size compatibility for the GLOWRIUM LED Aquarium Light. The light fixture is shown with extendable brackets, and a table indicates compatible aquarium sizes from 12-17 inches up to 48-53 inches based on the light's length.

5. OPERATING INSTRUCTIONS

5.1 Remote Control Overview

The remote control features an LCD display for clear operation and various buttons for light adjustment and timer settings. Ensure the remote is directed towards the infrared receiver on the light fixture during operation.



Image: Detailed view of the GLOWRIUM remote control with LCD display, showing buttons for ON/OFF, Timer, RGBW adjustment, and preset spectrums (Plant, Fish, Moon, C1, C2, C3 for custom settings).



Image: Exploded view of the remote control highlighting key functions: Timer setup, R/G/B/W individual color adjustment, Preset Spectrum modes (Plant, Fish, Moon), and Custom Spectrum settings (C1, C2, C3).

5.2 Power On/Off

Press the **ON/OFF** button on the remote control to turn the light on or off.

5.3 Brightness Adjustment

The light offers 10 levels of brightness. Use the **+** and **-** buttons to increase or decrease the overall brightness.



Image: Visual representation of adjustable brightness levels from 10% to 100% for the aquarium light, showing the effect on a planted tank.

5.4 Auto-Timer Setting

The Auto mode allows you to set a 24/7 cycle with simulated sunrise and sunset. The light will gradually ramp up and down over 30 minutes.

1. Press and hold the **Timer** button for three seconds to enter setup mode.
2. Use the **+** and **-** buttons to adjust the current time.
3. Use the **<** and **>** buttons to shift between parameters (current time, sunrise time, sunset time, and individual color intensities).
4. Set your desired sunrise and sunset times. The light will automatically adjust its intensity during these periods.
5. The built-in power-down memory function ensures settings are retained after a power interruption.



Image: Illustration of the timer setting simulating natural sunrise and sunset cycles in an aquarium, with the remote control displaying time settings.

Your browser does not support the video tag.

Video: Demonstrates how to set the sunrise and sunset cycle using the remote control for the GLOWRIUM LED Aquarium Light, showing the gradual change in light intensity.

5.5 Spectrum Control (RGB+W+Moon)

The light features RGB+W+Moon LEDs, allowing for a full spectrum of light customization.

- **Individual Color Adjustment:** Press and hold the **RGBW** button for 3 seconds to adjust the intensity of individual Red, Green, Blue, and White channels. Use **+** and **-** to change intensity, and **<** and **>** to switch between colors.
- **Preset Spectrums:** Use the dedicated buttons (**Plant**, **Fish**, **Moon**) to quickly select optimized lighting modes for different aquarium needs.
- **Custom Spectrums (C1, C2, C3):** After adjusting individual color channels, you can save your preferred settings to one of the three custom memory buttons (C1, C2, C3) for quick recall.

Specially Designed Blue Spotlight



Image: An aquarium illuminated by the GLOWRIUM light, showcasing the specially designed blue spotlight feature, which adds a unique aesthetic to the tank.

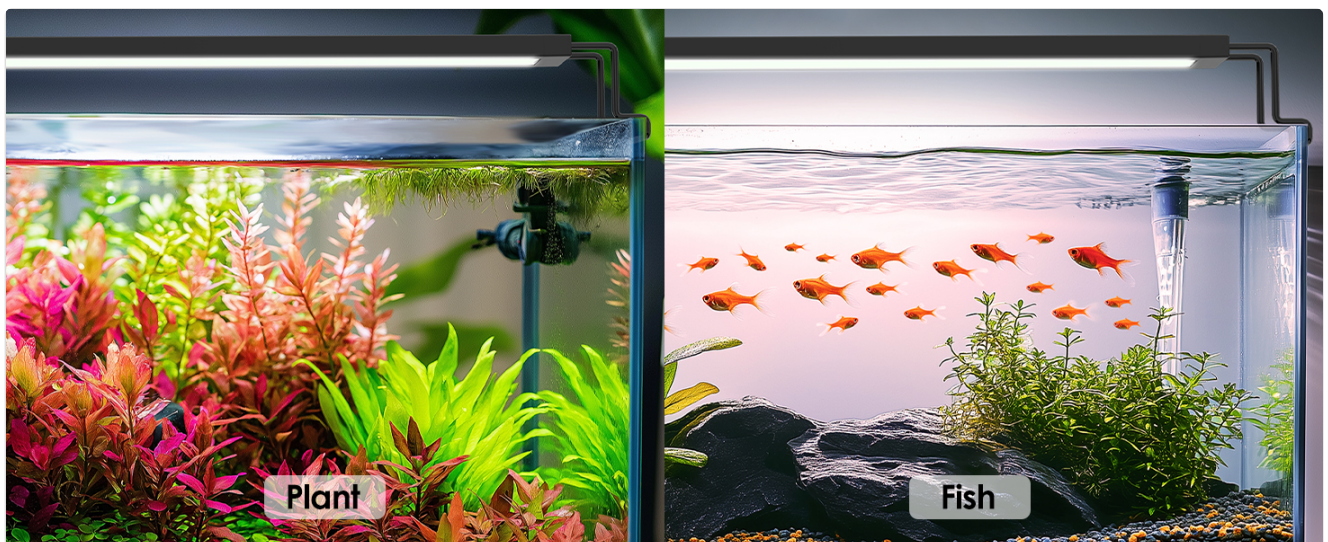


Image: Comparison of the GLOWRIUM LED Aquarium Light's "Plant" mode (left, vibrant plant growth) and "Fish" mode (right, natural fish coloration) in two separate aquariums.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your GLOWRIUM LED Aquarium Light.

- **Cleaning:** The light fixture is IP67 waterproof, allowing for safe operation in aquatic environments. To clean, disconnect power and gently wipe the surface with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the power cable and adapter for any signs of damage. Ensure the brackets are securely seated on the aquarium.



Image: Close-up of the GLOWRIUM LED Aquarium Light submerged in water, demonstrating its IP67 waterproof design for enhanced safety and durability.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Remote control batteries dead; Remote not aimed at receiver.	Check power connection; Replace remote batteries; Aim remote directly at the light's infrared receiver.
Remote control not responding.	Remote batteries dead; Obstruction between remote and light; Remote too far from light.	Replace remote batteries; Ensure clear line of sight; Operate remote within effective range (approx. 180° angle).
Timer settings are incorrect after power outage.	Power-down memory function not engaged or initial setup incomplete.	The light has a built-in power-down memory. If settings are lost, re-set the timer as per Section 5.4.
Light intensity is too low/high.	Brightness level needs adjustment.	Use the + and - buttons on the remote to adjust brightness.



Image: Illustration showing the approximate 180-degree effective range for the remote control, emphasizing the need to direct it towards the light's infrared receiver.

8. WARRANTY AND SUPPORT

GLOWRIUM provides a **2-year warranty** for this product, covering manufacturing defects and quality issues. We are committed to customer satisfaction and encourage you to contact us for any support needs.

For warranty claims or technical assistance, please utilize our official after-sales channels. We solemnly promise to accept returns and exchanges for any quality issues within the specified timeframe.

For further assistance, please visit the [GLOWRIUM Store on Amazon](#) or contact customer service through your purchase platform.