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> [GLOWRIUM LED Aquarium Light User Manual \(Model GC035001, 12W 18-23inch\)](#)

GLOWRIUM GC035001

GLOWRIUM LED Aquarium Light User Manual

Model: GC035001 (12W, 18-23 inch)

1. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in product damage, injury, or electric shock.

- Always unplug the light from the power outlet before performing any maintenance or cleaning.
- This product is designed for indoor use with aquariums only. Do not use it for other purposes.
- Ensure the power cord and adapter are not damaged. Do not operate the light if any part is damaged.
- Keep the power adapter and remote control dry. This light is IP67 waterproof, but the adapter and remote are not.
- Do not immerse the light fixture in water beyond its intended depth.
- Ensure the light is securely mounted on the aquarium to prevent accidental falls.
- Keep out of reach of children.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- GLOWRIUM LED Aquarium Light Fixture
- Remote Control (2 AAA batteries required, not included)
- Power Adapter
- Power Cable
- Extendable Brackets (Stand)
- User Manual (this document)

3. PRODUCT OVERVIEW

The GLOWRIUM LED Aquarium Light is designed to provide optimal lighting for freshwater planted tanks and fish-only aquariums. It features a full spectrum of RGB+W+Moon LEDs, remote control operation, and an auto-timer function for simulating natural day-night cycles.



Image: The GLOWRIUM LED Aquarium Light fixture and its remote control positioned above a vibrant planted aquarium with fish.

Key Features:

- **Remote Control with LCD Display:** Provides clear visual feedback for settings and adjustments.
- **Adjustable RGBW Single-Channel Spectrum:** Allows customization of light colors and intensity.
- **High Luminous Efficiency and CRI:** Promotes plant growth and enhances fish coloration.
- **Auto-Timer Setting:** Simulates natural 30-minute sunrise and sunset cycles, operating on a 24/7 schedule once set.
- **Power Down Memory Function:** Retains settings after power interruptions.
- **IP67 Waterproof Rating:** Ensures durability and safety in aquatic environments.
- **Extendable Brackets:** Accommodates various aquarium sizes (18-23 inches for this model).

4. SETUP AND INSTALLATION

4.1 Attaching the Brackets

The light comes with extendable brackets for easy installation on various tank sizes. Slide the brackets into the slots on each end of the light fixture. Adjust the length to fit your aquarium.

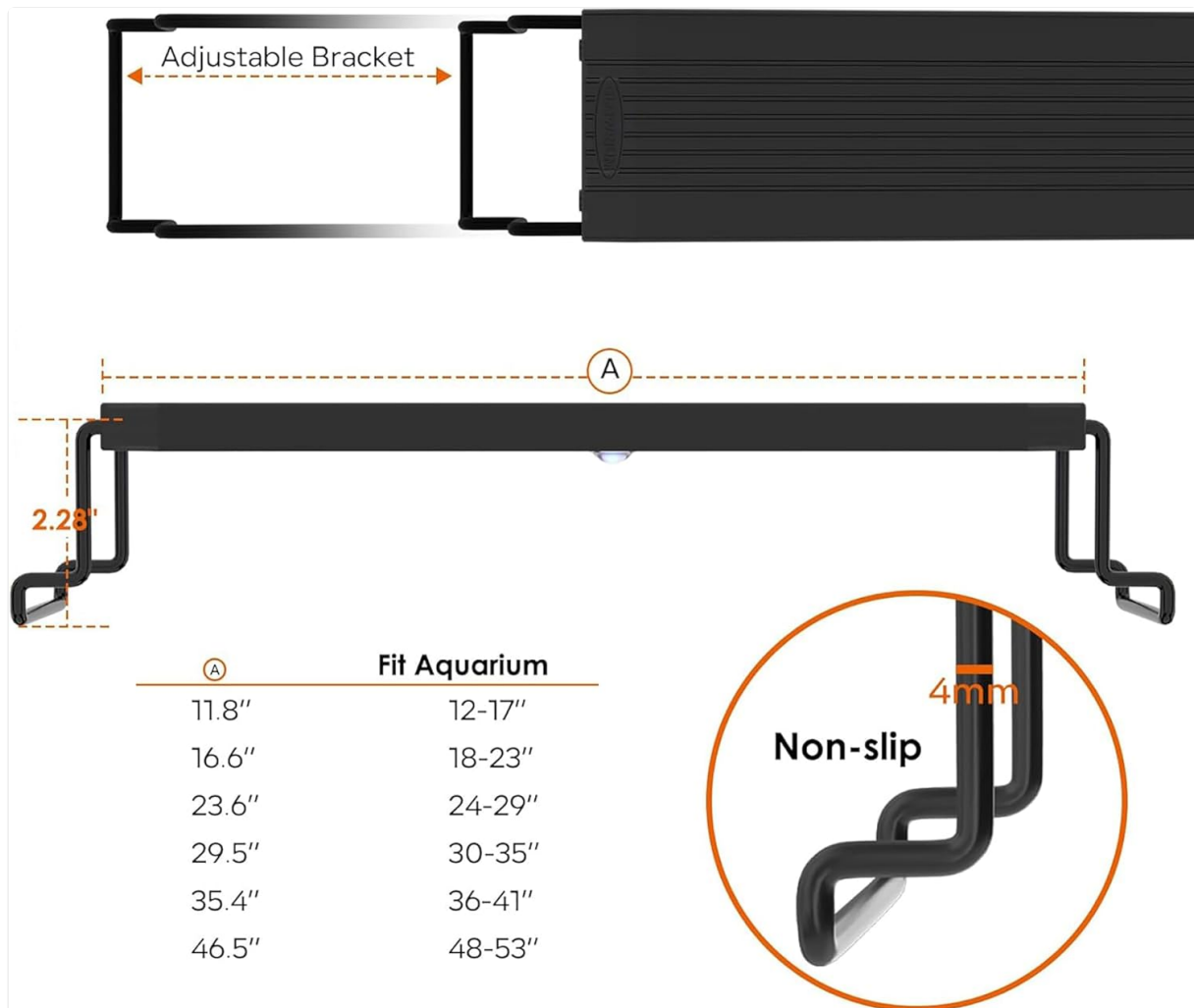


Image: A diagram illustrating the adjustable brackets and their dimensions, showing how they extend to fit different aquarium lengths. The non-slip design is highlighted.

4.2 Positioning the Light

Place the light fixture securely on the edges of your aquarium. Ensure the light is stable and does not wobble. The non-slip design of the brackets helps maintain position.

4.3 Power Connection

1. Connect the power cable to the light fixture.
2. Connect the power cable to the adapter.
3. Plug the adapter into a suitable power outlet.
4. Ensure the power adapter is placed in a dry location, away from water splashes.

4.4 Remote Control Battery Installation

The remote control requires 2 AAA batteries (not included). Open the battery compartment on the back of the remote and insert the batteries, observing the correct polarity.

5. OPERATING INSTRUCTIONS

The GLOWRIUM LED Aquarium Light is operated using the included remote control. Ensure the remote is pointed towards the infrared receiver on the light fixture during operation.



Image: A person sitting on a couch, using the remote control to adjust the GLOWRIUM aquarium light, demonstrating the approximate 180-degree range of the infrared receiver.

5.1 Remote Control Functions

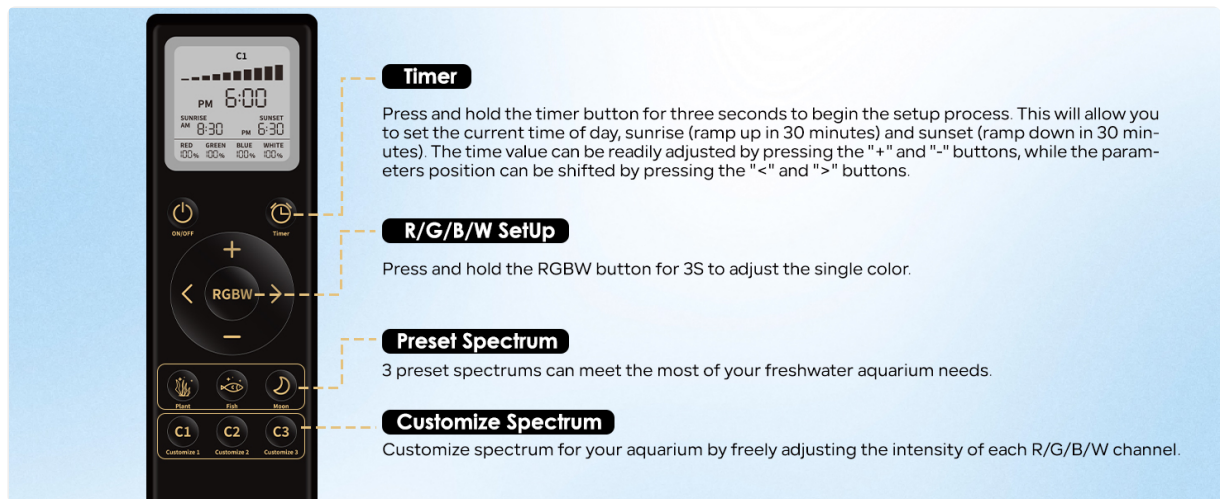


Image: A detailed diagram of the remote control, highlighting the LCD display and various buttons for timer settings, RGBW setup, preset spectrums (Plant, Fish, Moon), and custom spectrum adjustments.

- **ON/OFF Button:** Turns the light on or off.
- **Timer Button:** Initiates the timer setup process. Press and hold for 3 seconds.
- **+/- Buttons:** Adjust brightness levels or numerical values during timer setup.
- **RGBW Button:** Press and hold for 3 seconds to adjust individual R/G/B/W color channels.
- **< / > Buttons:** Navigate between parameters during timer setup or color adjustment.
- **Preset Spectrum Buttons (Plant, Fish, Moon):** Select pre-configured lighting modes.
 - **Plant Mode:** Optimized spectrum for aquatic plant growth.
 - **Fish Mode:** Enhances fish colors and provides general illumination.
 - **Moon Mode:** Low intensity blue light for nighttime viewing.
- **Custom Spectrum Buttons (C1, C2, C3):** Save and recall up to three customized lighting settings.

5.2 Setting the Auto-Timer

The auto-timer allows you to set a 24/7 cycle with simulated sunrise and sunset. Once set, the light will operate automatically daily.

1. Press and hold the **Timer** button for three seconds to enter timer setup mode. The LCD display will show the current time setting.
2. Use the **<** and **>** buttons to navigate between the current time, sunrise time, and sunset time parameters.
3. Use the **+** and **-** buttons to adjust the hour and minute values for each parameter.

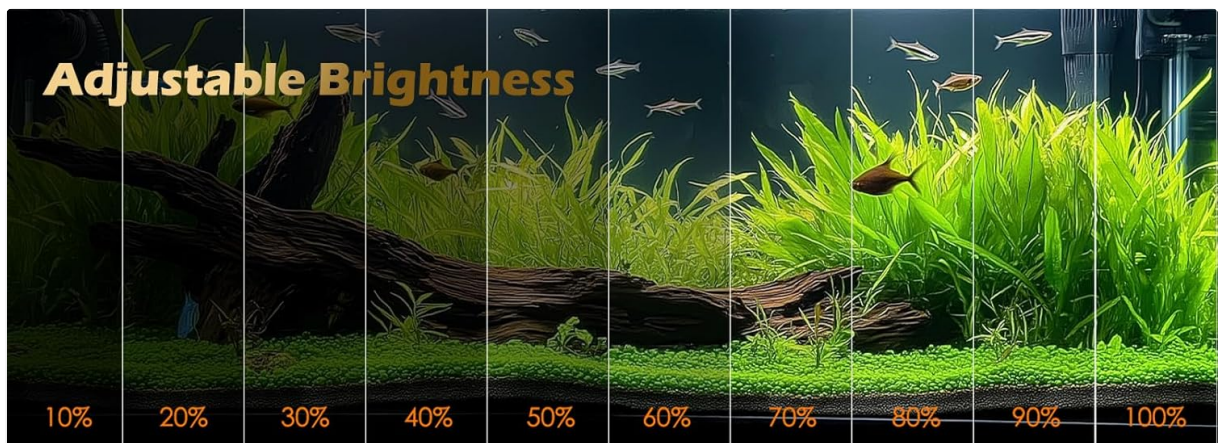
- The sunrise and sunset functions include a 30-minute ramp-up and ramp-down period, respectively.
- After setting, the light will automatically follow the programmed schedule. The built-in memory function will retain settings even after a power interruption.



Image: A visual representation of the timer setting, showing how the light simulates a natural sunrise (8:30-9:00 AM) and sunset (6:30-7:00 PM) cycle over an aquarium.

5.3 Adjusting Brightness

You can adjust the overall brightness of the light from 10% to 100% using the + and - buttons when not in timer setup mode.



Adjustable R/G/B/W single color control



Image: A visual gradient demonstrating the adjustable brightness levels of the aquarium light, from 10% to 100%, over a planted tank.

5.4 Customizing Colors (RGBW)

To fine-tune the light spectrum, you can adjust the intensity of individual Red, Green, Blue, and White channels.

1. Press and hold the **RGBW** button for 3 seconds.
2. Use the < and > buttons to select the Red, Green, Blue, or White channel.
3. Use the + and - buttons to adjust the intensity (0-100%) of the selected channel.
4. Once satisfied, you can save this custom setting to one of the C1, C2, or C3 buttons by pressing and holding the desired custom button for 3 seconds.

Remote Control with LCD Display

1. Visual Operation

2. Set your Sunrise and Sunset time for 24/7 cycle

3. R/G/B/W single channel control, adjustable brightness.

Red	0%	100%
Green	0%	100%
Blue	0%	100%
White	0%	100%

4. Preset spectrum

Plant Fish Moon

· Customize spectrum

GLOWRIUM A4

Image: A close-up of the remote control's LCD display, showing options to set sunrise/sunset times and adjust individual Red, Green, Blue, and White color channels from 0% to 100%.

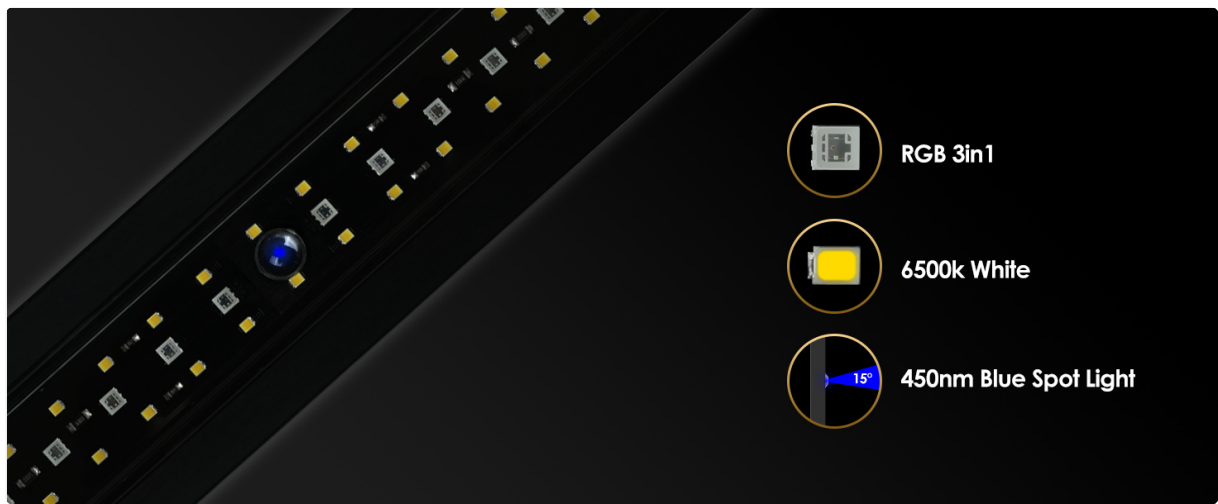


Image: A close-up of the LED strip, highlighting the different types of LEDs used: RGB 3-in-1, 6500K White, and a 450nm Blue Spot Light.

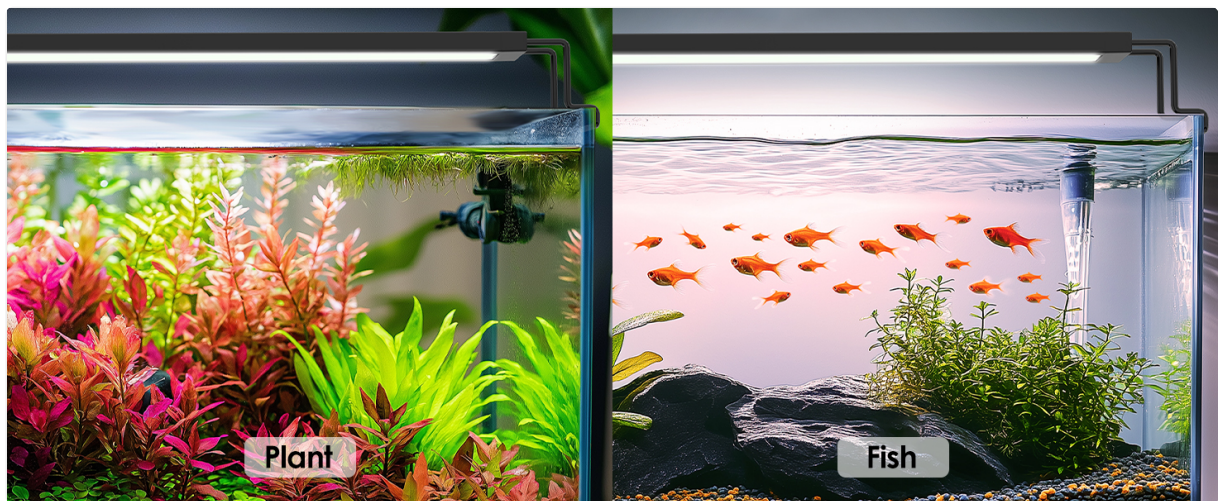


Image: Two aquariums side-by-side, one labeled "Plant" showing lush green and red aquatic plants under optimized lighting, and the other labeled "Fish" showing fish and minimal plants under general illumination.

6. MAINTENANCE

6.1 Cleaning the Light Fixture

Before cleaning, always unplug the light from the power source.

- Wipe the exterior of the light fixture with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as they may damage the finish or LED components.
- The light fixture is IP67 waterproof, meaning it is protected against immersion in water up to 1 meter for 30 minutes. However, avoid prolonged submersion and ensure the power connection points remain dry.



Image: A close-up of the light fixture with water droplets, illustrating its IP67 waterproof rating. Text indicates it is designed to be waterproof according to IEC IP67 standard.

6.2 Remote Control Care

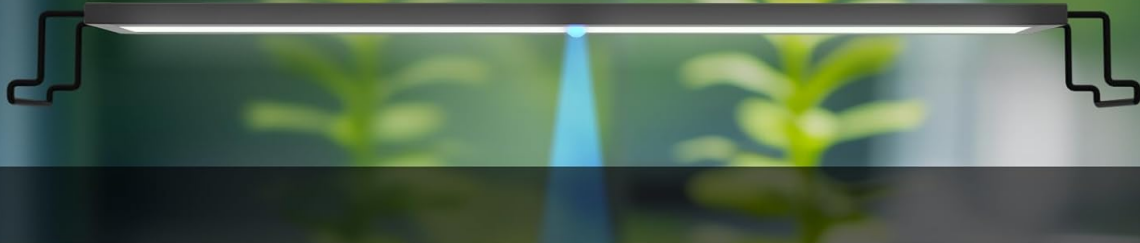
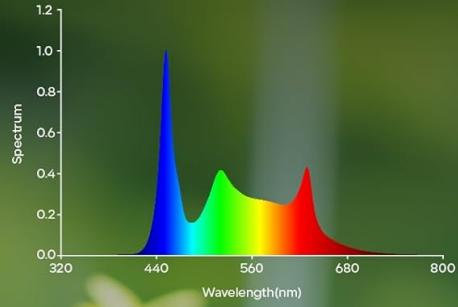
- Keep the remote control dry.
- Replace AAA batteries when the display becomes dim or the remote becomes unresponsive.

7. TROUBLESHOOTING

- **Light does not turn on:**
 - Check if the power adapter is securely plugged into the outlet and the light fixture.
 - Ensure the power outlet is functional.
 - Verify the remote control batteries are correctly installed and not depleted.
- **Remote control is unresponsive:**
 - Ensure the remote is pointed directly at the infrared receiver on the light fixture.
 - Replace the AAA batteries in the remote control.
 - Check for any obstructions between the remote and the light's receiver.
- **Timer settings are not saved:**
 - The light has a power-down memory function. If settings are not retained, ensure the power supply is stable.
- **Light intensity seems low or uneven:**
 - Adjust the brightness using the '+' button on the remote.
 - Ensure the light fixture is clean and free of algae or mineral deposits.

8. SPECIFICATIONS

- CRI 94
- High PAR Value
- High Lumen Output up to 100lm/W
- 120° Optic Angle



	GC035001	GC035002	GC035003	GC035004	GC035005	GC035006
Power	9W	12W	18W	23W	27W	36W
CCT	7500K					
LEDs	40pcs	63pcs	93pcs	116pcs	139pcs	185pcs
Lumen Max(lm)	900lm	1200lm	1800lm	2300lm	2700lm	3600lm
CRI	Max 94					
Lifetime Hours	50000hrs 25°C					
Beam Angle	120°					

Image: A table detailing the specifications for various GLOWRIUM LED Aquarium Light models, including power, CCT, number of LEDs, lumen output, CRI, lifetime hours, and beam angle. A spectrum graph is also shown.

Feature	Detail
Model Number	GC035001
Power	12 Watts
Voltage	24 Volts
Brightness	1200 Lumen
Color Temperature	7500 Kelvin
Color Rendering Index (CRI)	94
Light Source Type	LED (RGBW+Moon)
Waterproof Rating	IP67
Material	Aluminum
Product Dimensions	16.93"L x 2.56"W x 0.5"H
Item Weight	0.66 Pounds (10.56 ounces)

Feature	Detail
Compatible Tank Size	18-23 inches
Remote Batteries	2 AAA batteries (not included)

9. WARRANTY AND SUPPORT

GLOWRIUM is committed to product quality and customer satisfaction. We offer returns and exchanges for any quality issues within the specified timeframe. For support, please utilize our official after-sales channels.

For further assistance, please visit the official GLOWRIUM store or contact customer service through your purchase platform.

GLOWRIUM Store: <https://www.amazon.com/stores/GLOWRIUM/page/81E809DF-9A7C-4159-B926-F6F77221584F>