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CHIHIROS AQUATIC STUDIO C301

Chihiros C301 Aquarium LED Light User Manual

Model: C301

PRODUCT OVERVIEW

The Chihiros C301 LED Aquarium Light is a compact and energy-efficient lighting solution designed for nano tanks and Wabi-Kusa setups. It provides bright, natural daylight-like illumination to enhance the beauty of aquatic plants and fish. Featuring a built-in dimmer, users can easily adjust brightness levels to create the ideal environment.



Chihiros LED Light - C301



Image: The Chihiros C301 LED Light, showcasing the brand logo and model name.

PACKAGE CONTENTS

Verify that all components are present in the package:

- Chihiros C301 LED Light Unit
- Power Adapter
- Inline Dimmer Control Cable

Package includes



Image: All components included in the Chihiros C301 LED Light package, including the light unit, power adapter, and dimmer cable.

SETUP INSTRUCTIONS

1. **Unpack Components:** Carefully remove all items from the packaging.
2. **Attach to Aquarium:** The Chihiros C301 light is designed with an edge hook mounting type. Position the light unit on the rim of your aquarium. Ensure it is securely seated and stable. The light is suitable for aquariums measuring approximately 30 cm (11.8 inches) in length.
3. **Connect Dimmer:** Connect the inline dimmer control cable to the light unit.
4. **Connect Power Adapter:** Plug the power adapter into the dimmer control cable.
5. **Power On:** Plug the power adapter into a suitable electrical outlet. The light should illuminate.

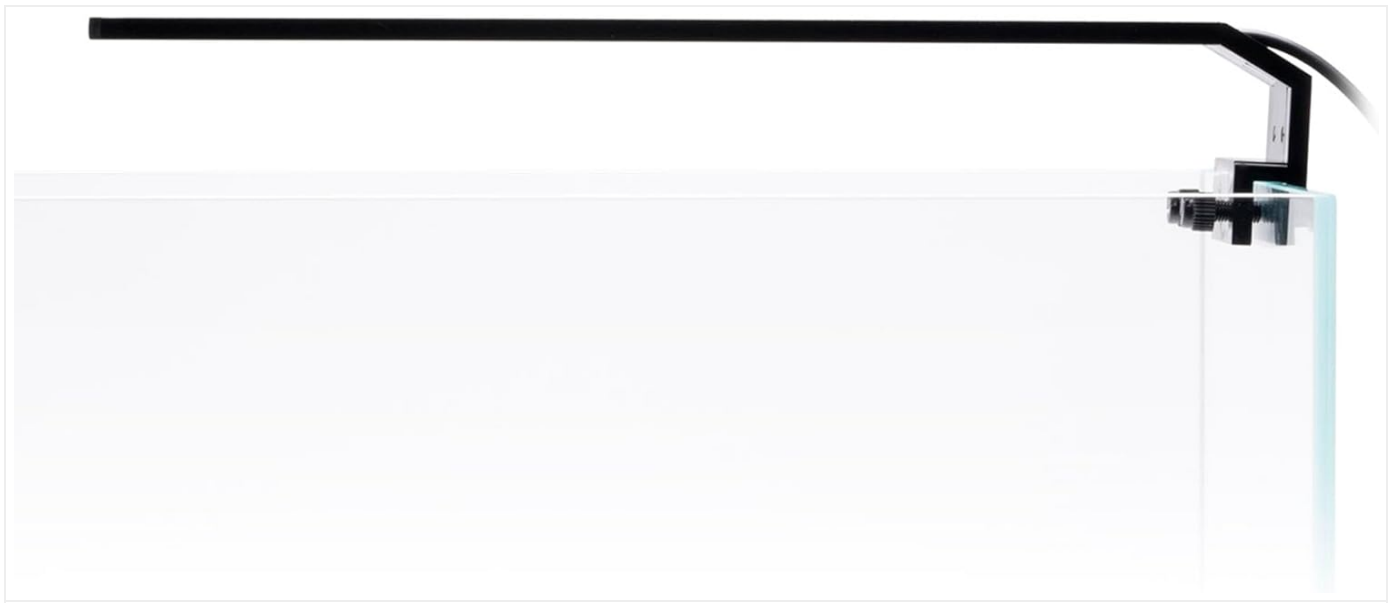


Image: The Chihiros C301 LED Light securely mounted on the edge of an aquarium, demonstrating its compact design and ease of installation.



Image: The Chihiros C301 LED Light actively illuminating a planted aquarium, showcasing its effect on the aquatic environment.

OPERATING INSTRUCTIONS

The Chihiros C301 features an inline dimmer control for easy operation.



Good for **high-tech** environments ●

Suitable for demanding plants ●

Adjustable brightness ●

1500 lm
Luminous flux

36 pcs
LED quantity

14W
Power

Image: Close-up of the inline dimmer control for the Chihiros C301 LED Light, showing the buttons for brightness adjustment and mode selection.

- **Power On/Off:** Press the power button (usually indicated by a circle with a vertical line) on the dimmer control to turn the light on or off.
- **Adjust Brightness:** Use the '+' and '-' buttons on the dimmer control to increase or decrease the light intensity. The light offers customizable brightness levels.
- **Mode Selection:** The 'MODE' button may cycle through different lighting modes or presets, if available. Refer to the specific functionality of your dimmer.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Chihiros C301 LED Light.

- **Cleaning:** Periodically wipe the light unit with a soft, damp cloth to remove dust, water spots, or algae buildup. Ensure the light is unplugged before cleaning. Do not use abrasive cleaners or solvents.
- **Water Contact:** While the light has an IP67 waterproof rating, avoid submerging the power adapter or dimmer

control in water.

- **Cable Inspection:** Regularly inspect the power cable and dimmer cable for any signs of damage, fraying, or kinks. If damage is found, discontinue use and replace the affected component.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose connection; faulty adapter/light.	Check power outlet. Ensure all cables are securely connected. Test with another outlet. If problem persists, contact support.
Light flickers or dims unexpectedly.	Unstable power; loose connection; dimmer malfunction.	Check power connections. Ensure dimmer is clean and dry. Try adjusting brightness.
Brightness control not responding.	Dimmer malfunction; water damage to dimmer.	Ensure dimmer is dry. Unplug and replug the light. If unresponsive, the dimmer may need replacement.

SPECIFICATIONS

Model	C301
Brand	CHIIHIROS AQUATIC STUDIO
Power Consumption	14W
Voltage	12 Volts
Number of LEDs	36
Light Color Temperature	8000K (White)
Luminous Flux	1500 lm
Dimensions (Light Unit)	220 x 40 x 5 mm (approx. 8.66 x 1.57 x 0.2 inches)
Material	Aluminum, Acrylonitrile Butadiene Styrene
Water Resistance	IP67 (Light Unit)
Control Method	Touch (Inline Dimmer)
Mounting Type	Edge Hook

WARRANTY AND SUPPORT

Specific warranty details for the Chihiros C301 LED Light are not provided in this manual. Please refer to the product packaging or the manufacturer's official website for warranty information and customer support contacts.

For technical assistance or inquiries, please visit the CHIIHIROS AQUATIC STUDIO Store on Amazon or their official website.

