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› [SEAOURA](#) /

› SEAOURA 24/7 LED Aquarium Plant Light User Manual

SEAOURA SR-628

User Manual: 24/7 LED Aquarium Plant Light

Model: SR-628 | Brand: SEAOURA

INTRODUCTION

Thank you for choosing the SEAOURA 24/7 LED Aquarium Plant Light. This advanced lighting system is designed to provide optimal illumination for your aquatic plants and enhance the visual appeal of your fish tank. Featuring a smart touch control, multiple customizable modes, and a durable aluminum body, this light offers a comprehensive solution for maintaining a healthy and vibrant aquatic environment.

This manual provides detailed instructions for the proper setup, operation, and maintenance of your aquarium light. Please read it thoroughly before use to ensure safe and efficient performance.

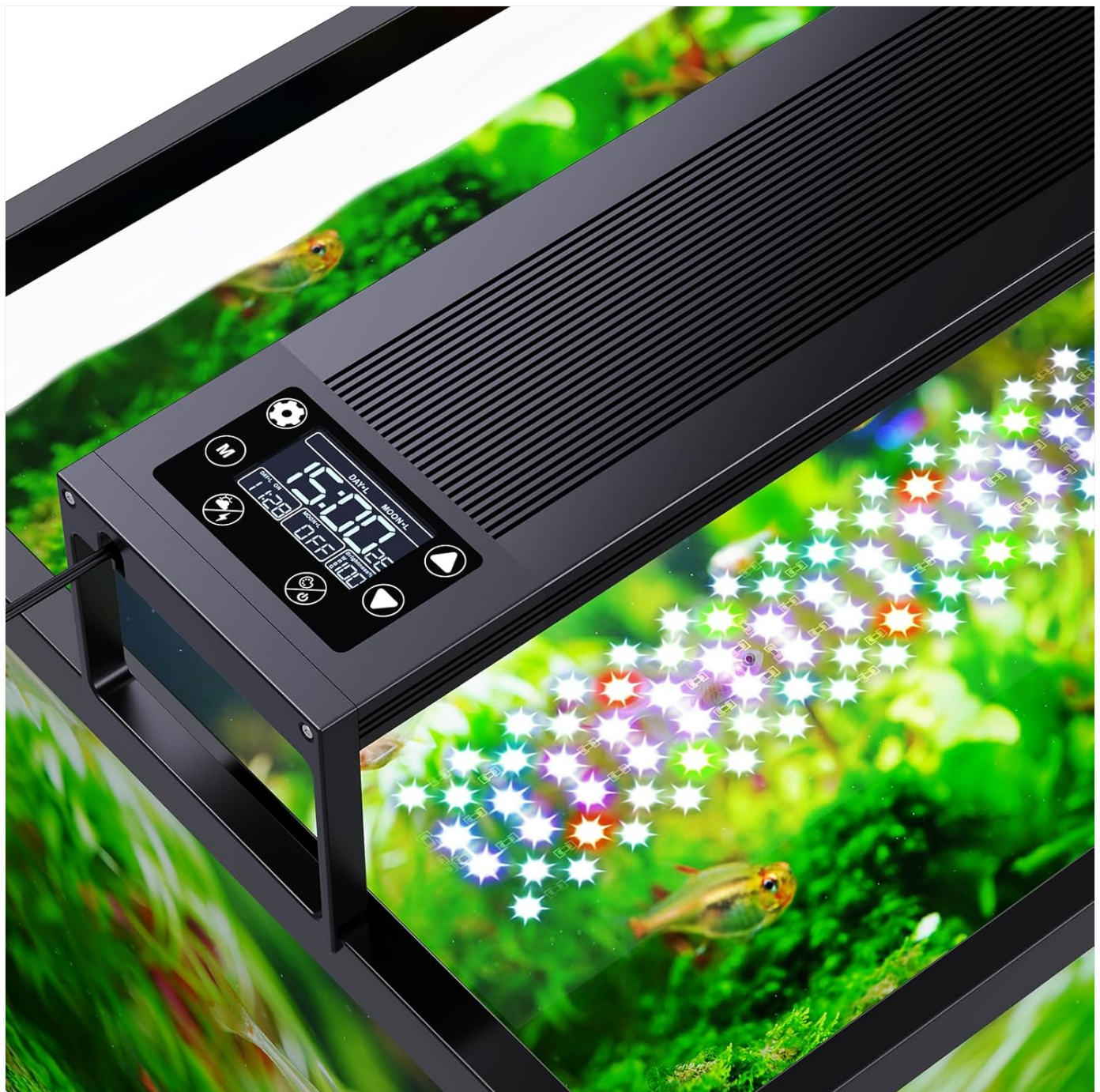


Image: The SEAOURA 24/7 LED Aquarium Plant Light positioned above an aquarium, showcasing its multi-color LED output.

PACKAGE CONTENTS

Please verify that all components are present and in good condition upon unpacking:

- LED Aquarium Lamp
- Extendable Holders (Brackets)
- Power Cable with Adapter
- User Manual (this document)

SETUP INSTRUCTIONS

Follow these steps to properly install your SEAOURA LED Aquarium Plant Light:

1. **Attach Extendable Holders:** Securely attach the extendable holders to both ends of the LED lamp. Ensure they

are firmly in place.

2. **Position the Light:** Place the assembled light unit on top of your aquarium. Adjust the extendable holders to fit the width of your tank (suitable for 18-24 inch tanks for this model). The light is designed for tabletop mounting.
3. **Connect Power:** Plug the power cable into the light unit, then connect the adapter to a standard electrical outlet.
4. **Initial Power On:** The light should power on, and the LCD screen on the control panel will activate.

DAY-L & MOON-L MODE

DAY-L can be DIY for WRBG, Moon-L can be choose 9 colors of system,
20 brightness level of 2 stages

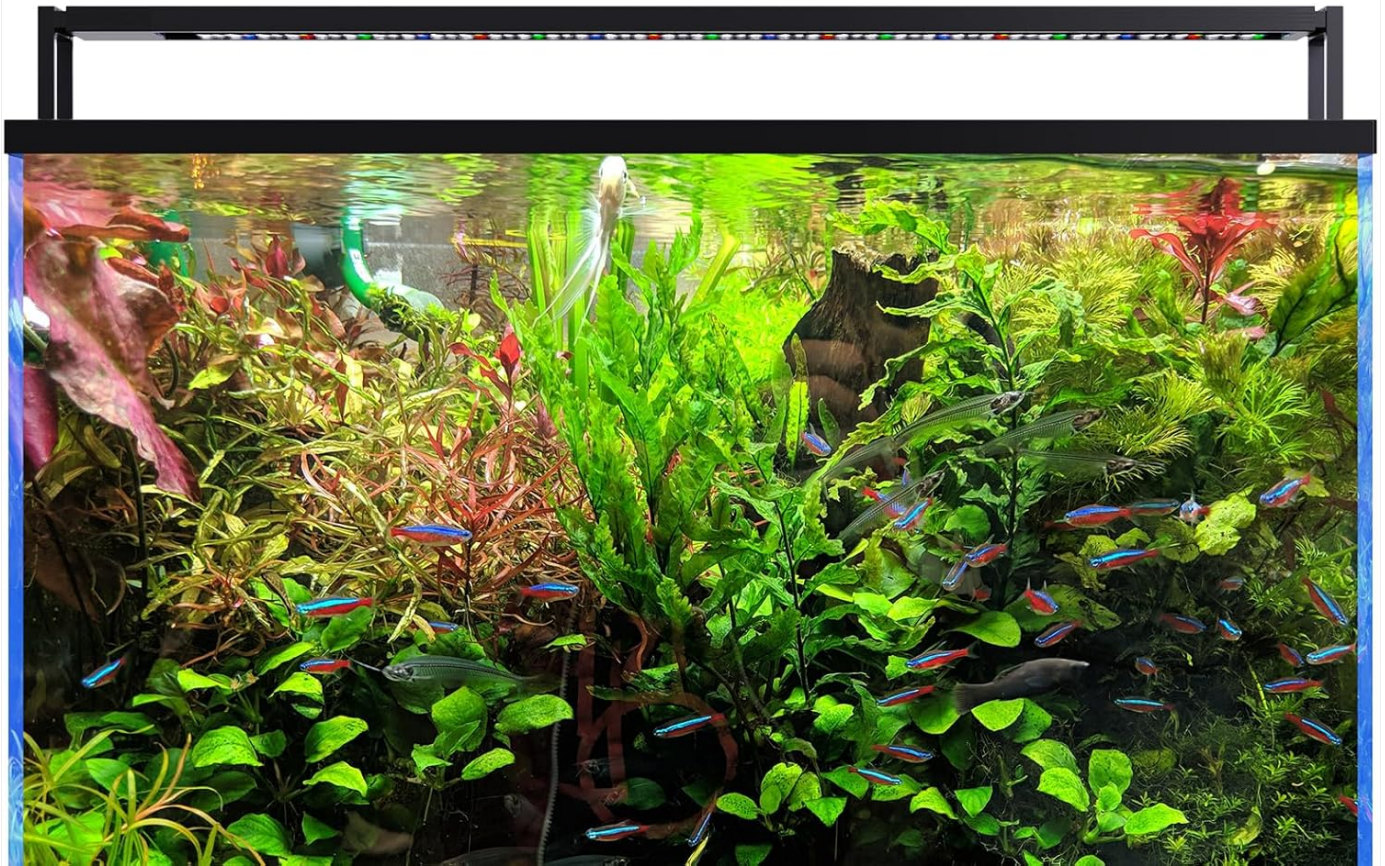
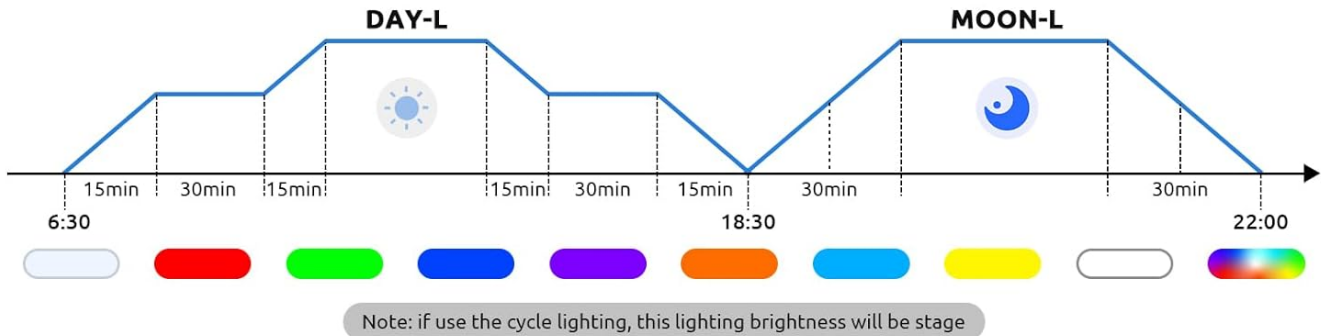


Image: The aquarium light with its extendable brackets securely placed on the rim of a fish tank.

S2 24/7 MODE

Lights and brightness are fixed of 5 stages

You can set the timer for the stage switching to suit your lighting schedule

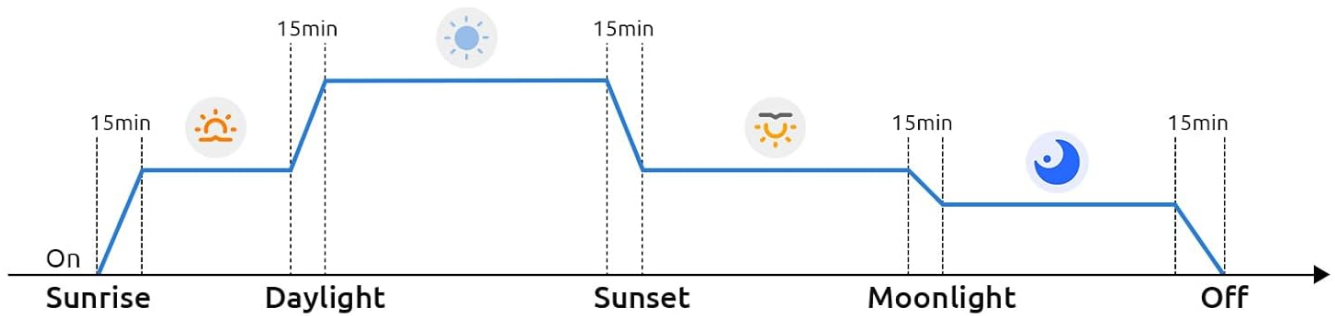


Image: A detailed view of the light's control panel and the adjustable mounting brackets.

OPERATING INSTRUCTIONS

Your SEAOURA LED Aquarium Plant Light features an intuitive LCD touchscreen control panel with 6 buttons for easy programming. Refer to the diagram below for button functions.

Control Panel Overview

Image: A detailed diagram illustrating the functions of each button on the light's control panel.

- **Time Setting Button:** Short press to switch between 12/24 hour format, save settings, and exit. Long press (3 seconds) to preset time format and local time.
- **Up & Down Buttons:** Adjust settings such as 12/24 hour format, brightness levels, timer numbers, and ON/OFF status.

- **M (Mode) Button:** Short press to switch between S1 (Day-L & Moon-L), S2 (24/7 Cycle), and S3 (DIY 8-Segment Timer) modes.
- **Weather Button:** Short press to cycle through 4 weather effects: Sunrise, Sunset, Cloudy, and Lightning.
- **Color Setting Button:** Short press to turn on or switch the color of the light. Long press (3 seconds) to turn off the light.

Lighting Modes

The light offers three primary operating modes:

1. S1: Day-L & Moon-L Mode

This mode allows for separate customization of daytime and moonlight settings. You can adjust WRGB colors and 20 brightness levels for each stage. Note that if cycle lighting is used, the brightness will be staged.

DIMENSIONS AND SPECIFICATIONS

45cm/18in

11cm/4.3in

12cm/4.7in

9.8cm/3.9in

Model	SR-628-30CM	SR-628-45CM	SR-628-60CM	SR-628-75CM	SR-628-90CM	SR-628-120CM
Aplication size	12-18 INCH	18-24 INCH	24-30 INCH	30-36 INCH	36-42 INCH	48-54 INCH
Input Voltage	AC100-240					
Output Voltage	DC 20V					
Watt	20w	26w	36w	56w	68w	84W
Led Quantity	72PCS	108PCS	144PCS	180PCS	216PCS	252PCS
Rendering Index	92					

Image: Illustration of the Day-L & Moon-L mode, detailing timed color and brightness transitions.

2. S2: 24/7 Cycle Mode

This mode simulates a natural 24-hour cycle with fixed light and brightness stages. You can set the timer for each of the 5 stages: Sunrise, Daylight, Sunset, Moonlight, and Off. Color and brightness cannot be changed in this mode.



Image: Visual representation of the 24/7 cycle mode, showing automatic transitions through different light phases.

3. S3: DIY 8 Stages Mode

This mode allows for complete customization. Each of the 8 segments (L1-L8) can have its color, brightness, and time duration set according to your preferences. This enables creation of unique lighting schedules.



Image: Illustration of the DIY 8 stages mode, demonstrating how to customize each segment's light settings.

Color and Brightness Settings

The light system includes 9 built-in color settings and 4 weather modes:

- **Colors:** Full Spectrum, Red, Green, Blue, Purple, Orange, Cyan, Yellow, White, and a dynamic Cycle Mode.
- **Weather Modes:** Sunrise, Sunset, Cloudy, and Lightning. These can be integrated into any of the 8 DIY segments.
- **Brightness:** 20 levels of brightness control are available for fine-tuning illumination.

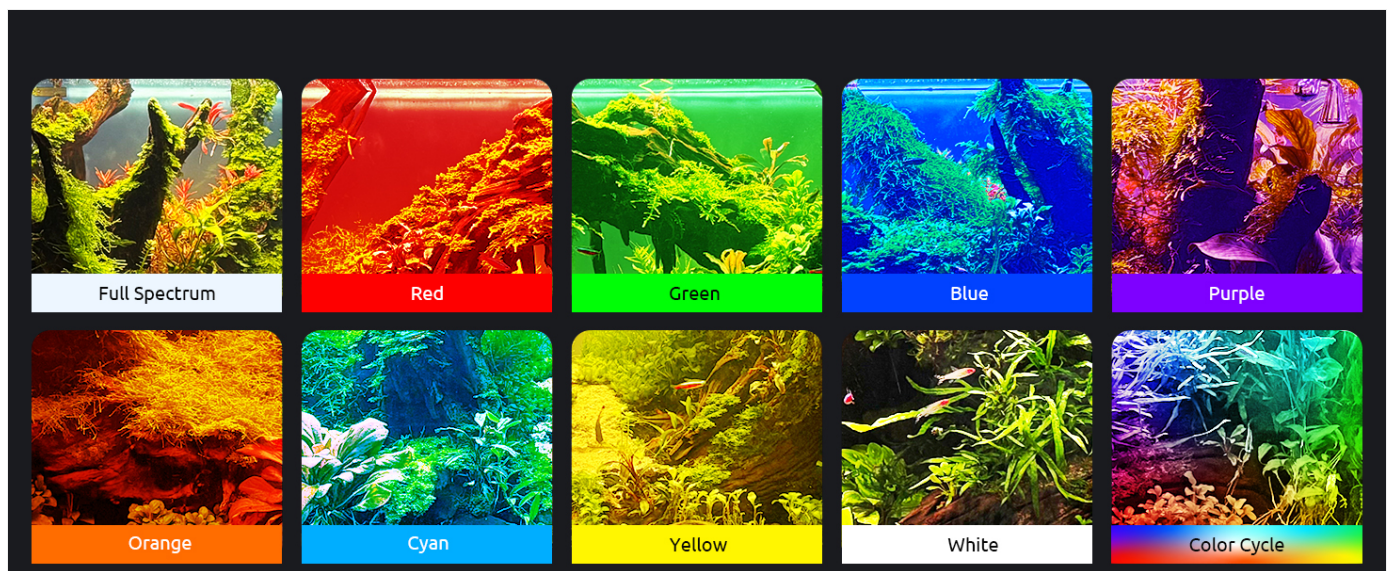


Image: Display of the nine available color settings and the color cycle mode.



Image: Illustration demonstrating the range of 20 brightness levels from 10% to 100%.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your aquarium light.

- **Cleaning:** The light is waterproof. Regularly wipe the LED surface and the aluminum body with a soft, damp cloth to remove dust, water spots, and algae buildup. Ensure the power is disconnected before cleaning.
- **Heat Dissipation:** The light features a dual-layer aluminum body with multi-channel heat dissipation. Ensure that the ventilation fins are not obstructed to allow for efficient cooling.
- **Power Supply:** Monitor the power supply for excessive heat. If the power supply becomes unusually hot, especially when operating at 100% brightness, consider reducing the brightness to below 60% to prevent overheating and potential damage.

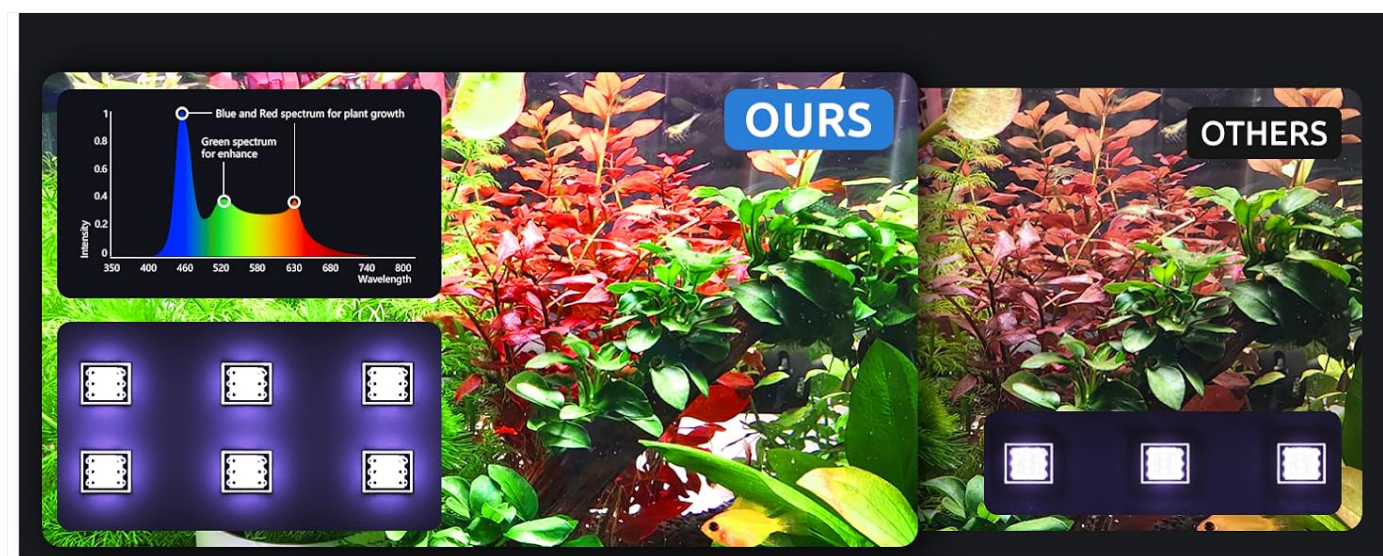


Image: Cross-section view demonstrating the dual-layer aluminum design for efficient heat dissipation.

TROUBLESHOOTING

If you encounter issues with your aquarium light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, faulty power adapter.	Check power outlet, ensure all cables are securely connected. Test with another outlet if possible.
Touchscreen unresponsive or difficult to use.	Moisture on screen, calibration issue, manufacturing defect.	Ensure screen is dry and clean. Try pressing firmly and accurately. If persistent, consider a factory reset (see below).
Light flickers.	Unstable power supply, overheating, internal component issue.	Check power connections. Reduce brightness if operating at 100% for extended periods. If flickering persists, contact support.
Power supply gets excessively hot.	Operating at high brightness for too long, poor ventilation.	Reduce brightness to below 60%. Ensure the power adapter is in a well-ventilated area and not covered.
Difficulty programming settings.	Complex interface, user error.	Review the "Operating Instructions" section carefully. Practice with each button function. Consider performing a factory reset if settings become unmanageable.

Factory Reset

To restore the light to its default factory settings:

- Press and hold the **SET** button and the **DOWN** arrow button simultaneously for more than 5 seconds.
- The LCD display will show "---" for 2 seconds, indicating a successful reset.

SPECIFICATIONS

Detailed technical specifications for the SEAOURA 24/7 LED Aquarium Plant Light (Model SR-628, 26W for 18-24 inch

tank):

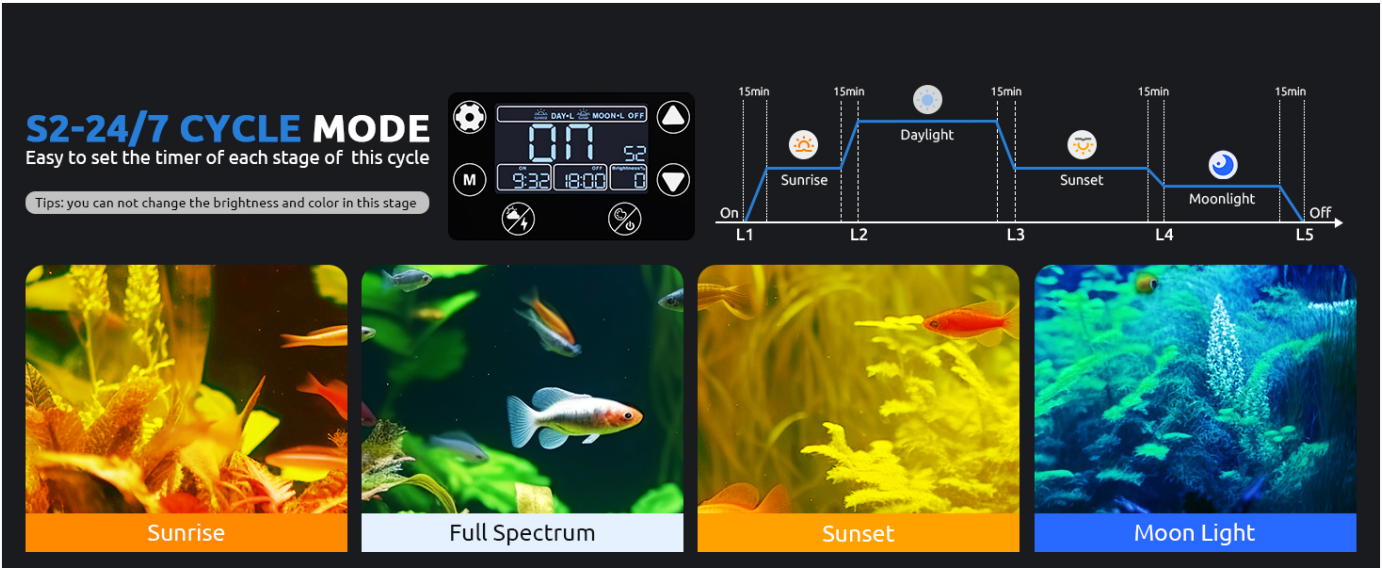


Image: Dimensions and a table of specifications for different models of the aquarium light.

Feature	Detail
Model Name	aquarium light
Item Model Number	SR-628
Size (for this variant)	26W for 18-24 inch tank
Wattage	26 watts
Voltage	20 Volts (DC)
Light Source Type	LED (6 rows: 2x5054 + 4x2835)
Number of Light Sources	6
Material	Aluminum
Finish Type	Polished
Color	Black
Switch Type	Push Button, Touch
Control Method	Touch
Special Features	24/7 Lighting Cycle, Color Changing, DAY and Night Cycle Mode, DIY Color+20 Levels Brightness, Full Spectrum+8 Single Colors+Cycle Mode
Is Waterproof	True
Mounting Type	Tabletop
Indoor/Outdoor Usage	Indoor

Feature	Detail
Item Weight	2.53 pounds (1.15 Kilograms)
Product Dimensions (LxWxH)	11 x 3.5 x 0.6 inches

WARRANTY INFORMATION

The SEAOURA 24/7 LED Aquarium Plant Light comes with a**1-month no-reason return policy** from the date of purchase. Please retain your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For further assistance, technical support, or warranty inquiries, please contact SEAOURA customer service. You can visit the official SEAOURA store on Amazon for more information and contact options:

[Visit the SEAOURA Store](#)

We are committed to making fish keeping easier and more enjoyable, and helpful plant growth and viewing.

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

you@example.com

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

