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› User Manual for hygger Auto On Off LED Aquarium Light Model 957

hygger 957

User Manual for hygger Auto On Off LED Aquarium Light

Model: 957

Brand: hygger

INTRODUCTION

The hygger Auto On Off LED Aquarium Light is designed to provide optimal lighting conditions for freshwater aquariums and planted tanks. It features programmable 24-hour light cycles, including simulated sunrise and sunset, and offers a full spectrum of colors to support aquatic life and plant growth. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure proper use and longevity of your device.

KEY FEATURES

- **Programmable 24-Hour Light Cycle:** Simulates natural sunrise, midday, sunset, and night conditions.
- **Sunrise & Sunset Function:** Gradual 15-minute ramp-up and ramp-down to prevent light shock to fish.
- **Customizable Moonlight Mode:** Offers 6 single-colored options (red, purple, blue, cyan, green, yellow) and 10 dimmable levels.
- **Two Operating Modes:** Default auto cycle and DIY cycle for advanced customization.
- **IP68 Water-Resistant Rating:** Ensures protection against splashes and water intrusion.
- **Energy Efficient:** Low voltage DC adapter for safe operation and reduced electricity consumption.
- **Full Spectrum LEDs:** Contains 38 White (6500K), 10 Blue (450-455nm), 6 Red (620-625nm), 4 Green (520-525nm), and 19 RGB LEDs for comprehensive plant growth support.
- **Adjustable Mounting Legs:** Compatible with aquariums ranging from 18 to 24 inches in width.

PACKAGE CONTENTS

- hygger Aquarium Light Body
- Power Supply Adapter
- Adjustable Mounting Brackets
- User Manual (this document)

SETUP INSTRUCTIONS

1. **Unpack the Light:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Attach Mounting Brackets:** Slide the adjustable mounting legs onto the ends of the light fixture. Ensure they are securely fastened.
3. **Position on Aquarium:** Place the light fixture on top of your aquarium, extending the adjustable legs to fit the tank's width (18-24 inches). Ensure the light is centered and stable.



Image: The hygger aquarium light securely placed on top of an aquarium, illustrating proper positioning.

4. **Connect Power:** Connect the power supply adapter to the light fixture's input port. Then, plug the power adapter into a standard electrical outlet.
5. **Initial Power On:** Upon plugging in, the light will automatically turn on in its default auto cycle mode.

OPERATING INSTRUCTIONS

The hygger aquarium light features an integrated timer control panel for easy programming. The default auto cycle sets the light to turn on at 6:30 AM and off at 11:30 PM. You can customize this schedule and light settings.

Control Panel Overview

10 Levels of Intensities



6 Single-Color + White Lighting



INTEGRATED TIMER CONTROL PANEL



Image: Detailed view of the control panel, showing the display, time settings, and function buttons for adjustment.

- **Display:** Shows current time, daylight mode, and moonlight mode settings.
- **Set/Save Button:** Long press to enter edit mode, short press to save settings.
- **Increase Button:** Adjusts program time or intensity upwards.
- **Decrease Button:** Adjusts program time or intensity downwards.
- **Power/Light Mode Button:** Long press to turn on/off. Press once to switch color. Press twice for fine tuning.

Standard Mode (Default Auto Cycle)

This mode simulates a natural 24-hour light cycle with gradual sunrise and sunset effects.



Image: Visual representation of the standard mode, showing full spectrum light during the day and customizable moonlight at night.

- **Daylight Mode:** Blends white, red, green, and blue LEDs for bright, full spectrum light. Includes a 15-minute sunrise and sunset ramp.
- **Moonlight Mode:** Provides 6 single-colored options (red, purple, blue, cyan, green, yellow) with 10 dimmable levels. Also includes a 15-minute ramp.

Daylight Mode



Sunrise & Sunset

slowly turn on or off in 15-minute
preventing light shock to fish

-White Light

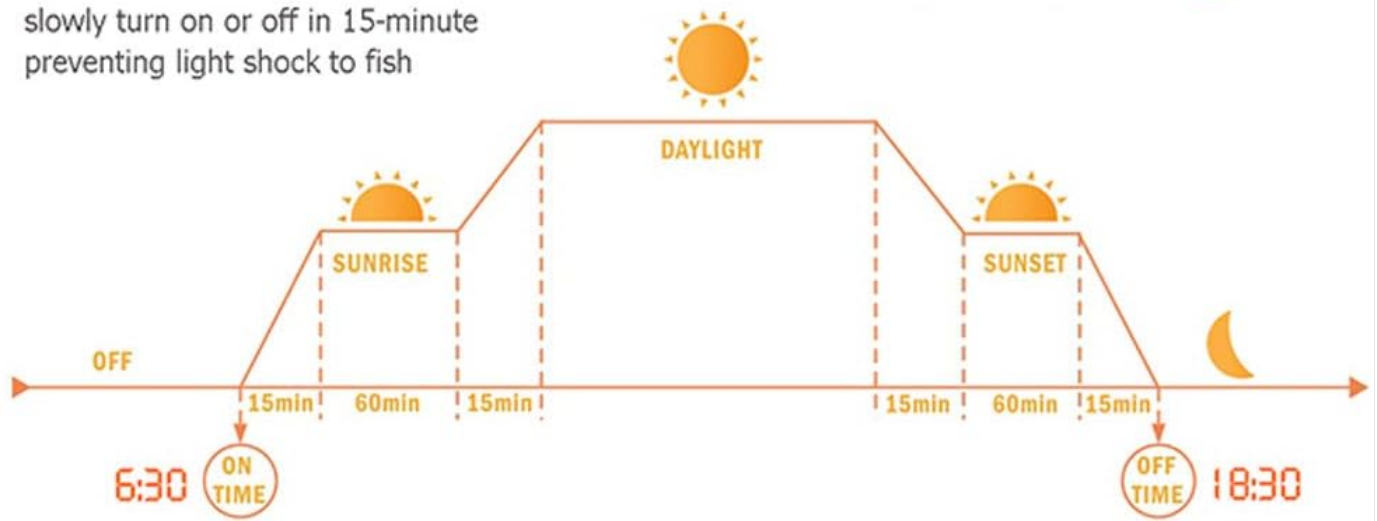
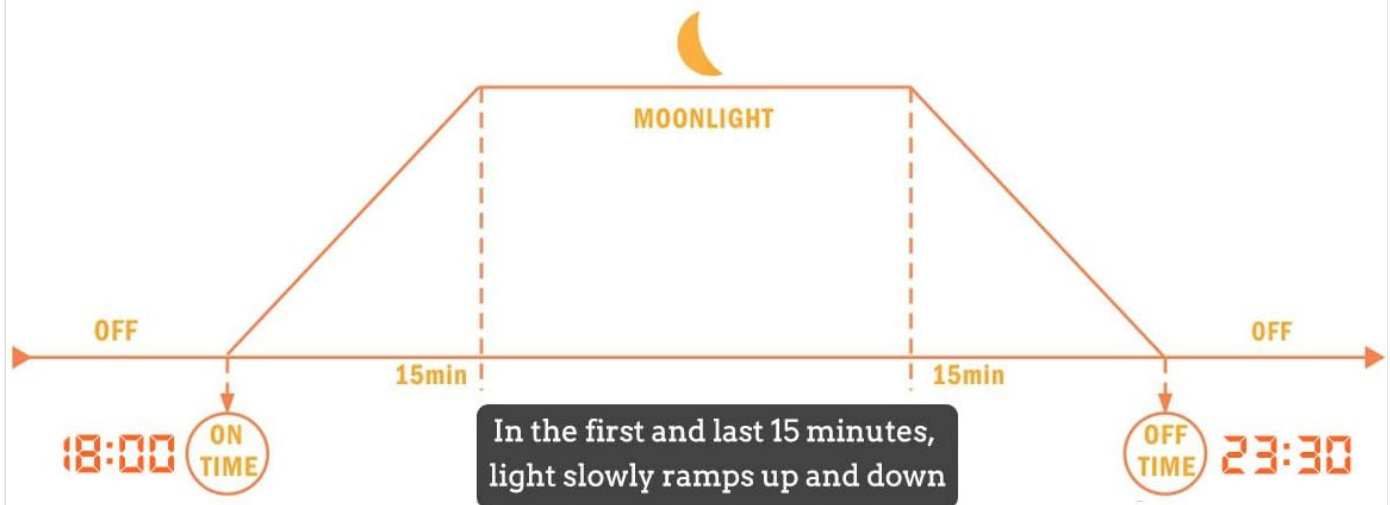


Image: Diagram detailing the daylight mode's gradual on/off cycle, preventing sudden light changes for fish.

Moonlight Mode

-6 Single-Colored Lighting Options



Preset moonlight mode: blue lighting



Can be manually programmed to other colors



Image: Diagram explaining the moonlight mode's timed operation and showing various single-color lighting options.

DIY Mode

The DIY mode allows for advanced customization of the lighting schedule with 8 separate light stages (L1-L8). For each stage, you can set the begin time, end time, and light intensity.



Image: Illustration of the DIY mode, demonstrating how to set different light intensities and durations for various periods throughout the day. To turn off the light during a DIY stage, set the light intensity to 00 for that specific stage.

Adjusting Light Intensity

The light intensity can be adjusted in 10 levels, from 10% to 100% brightness.



Image: Examples of the light's output at various intensity settings, from dim to full brightness.

MAINTENANCE

- **Cleaning:** Regularly wipe the light fixture with a soft, damp cloth to remove dust and water spots. Ensure the light is unplugged before cleaning. Do not use abrasive cleaners.
- **Water Resistance:** The light is IP68 water-resistant, meaning it can withstand splashes. However, it is not designed for prolonged submersion. Avoid intentionally submerging the light.



Image: The light fixture shown in water, highlighting its IP68 water-resistant design.

- **LED Lifespan:** The LEDs are designed for long-term use, with an estimated lifespan of 30,000 hours.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, or power adapter issue.	Check if the power adapter is securely plugged into both the light and the outlet. Test the outlet with another device. Ensure the power button on the control panel is pressed.
Light turns on/off at incorrect times.	Incorrect time setting or program schedule.	Refer to the "Operating Instructions" section to reset the current time and reprogram the auto or DIY cycle settings.
Light intensity is too dim/bright.	Intensity setting is not optimal.	Use the Increase/Decrease buttons on the control panel to adjust the light intensity to your desired level.
Colors are not displaying correctly.	Incorrect color mode selected or LED issue.	Press the Power/Light Mode button to cycle through color options. If the issue persists, contact customer support.

SPECIFICATIONS

Attribute	Detail
Model Number	957
Power (for 18"-24" model)	26W
Lumen (for 18"-24" model)	1290 lumens
Color Temperature	6500-10000K
LED Configuration	38 White (6500K), 10 Blue (450-455nm), 6 Red (620-625nm), 4 Green (520-525nm), 19 RGB LEDs (Total 77 LEDs)
Input Voltage	AC 100-240V
Output Voltage	DC 15V
Dimensions (L x W x H)	21.3" x 4.3" x 2.4"
Weight	1.72 pounds
Material	Aluminum
Water Resistance Rating	IP68
Compatible Tank Width	18-24 inches

HG-957 Planted Aquarium Light Size Chart

Power	Suggested Fish Tank	Lumen	LED Bulbs(white+blue+red+green+RGB)	Kelvin	CRI	Input	Output
20W	12-18 inch	927	20+4+4+2+10	6500-10000K	89	AC 100-240V	DC 15V
26W	18-24 inch	1290	38+10+6+4+19				
36W	24-30 inch	1984	64+10+6+4+28				DC 20V
48W	30-36 inch	2365	64+10+6+4+28				
60W	36-42 inch	2879	99+17+9+8+45				
72W	48-55 inch	3346	140+23+12+11+62				

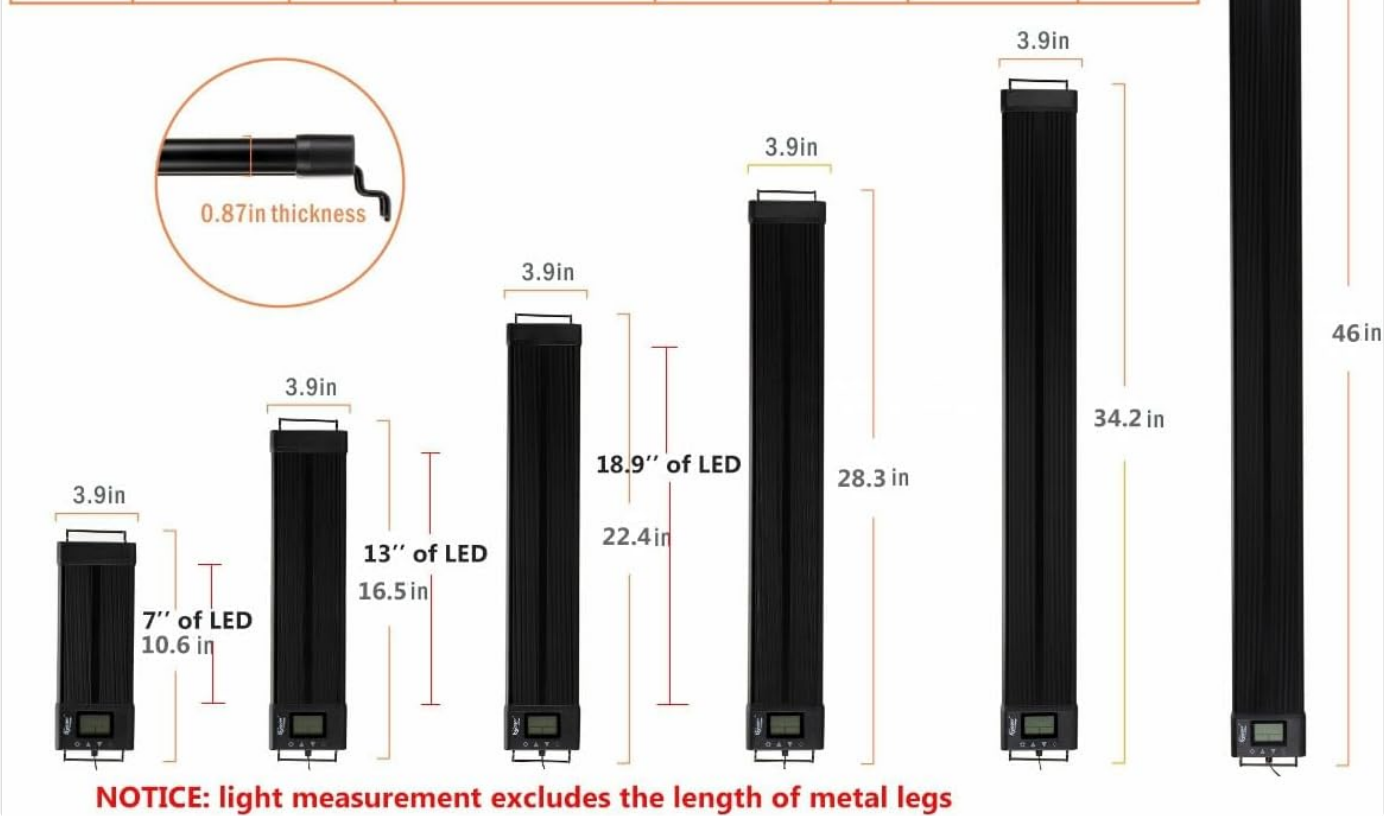
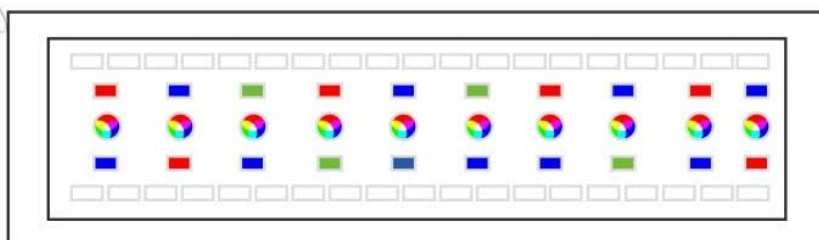


Image: Comprehensive size chart detailing specifications for various models within the HG-957 series.

2835 LED Bulbs + 5050 RGB Bulbs

Water-resistant coating LEDs, no fear of splash or drop in

26W FULL SPECTRUM PLANT LIGHT



77 PCS LED BULBS

- 19 PCS RGB LED
- 38 PCS WHITE (6500k)
- 10 PCS BLUE (450-455nm)
- 6 PCS RED (620-625nm)
- 4 PCS GREEN (520-525nm)

6,000-10,000K light spectrum is ideal for raising aquatic plants

Full Spectrum

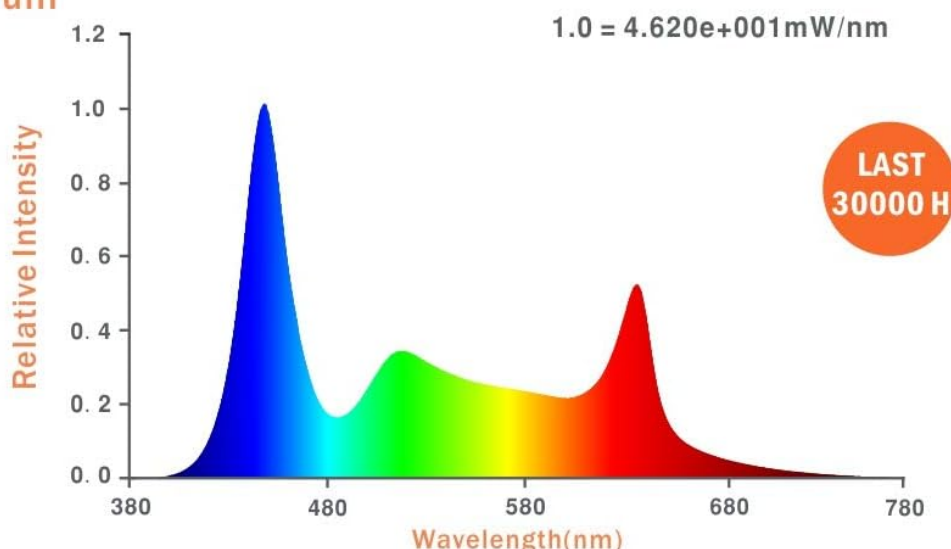


Image: Detailed breakdown of LED types and their spectral output, optimized for aquatic plants.

WARRANTY AND SUPPORT

This hygger product comes with a **1-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any inquiries regarding your hygger aquarium light, please contact hygger customer service. Keep your purchase receipt as proof of purchase for warranty validation.

For more information, you may visit the official hygger store: [hygger Official Store](#)

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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