

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [hygger](#) /
- › [Hygger 9W Aquarium LED Light Instruction Manual \(Model: 9W, 28-48cm\)](#)

hygger HG918-9W (9W, 28-48cm)

Hygger 9W Aquarium LED Light Instruction Manual

Brand: hygger | **Model:** HG918-9W (9W, 28-48cm)

1. INTRODUCTION

Thank you for choosing the Hygger 9W Aquarium LED Light. This product is designed to provide optimal illumination for your freshwater or marine aquarium, supporting plant growth and enhancing the visual appeal of your aquatic environment. Featuring adjustable brightness, multiple color modes, and a convenient timer function, this light offers versatility and ease of use. Please read this manual thoroughly before installation and operation to ensure safe and efficient use.



Figure 1: The Hygger 9W Aquarium LED Light, designed for optimal illumination of freshwater and saltwater aquariums.

2. SAFETY INSTRUCTIONS

To prevent electric shock or injury, please observe the following safety precautions:

- Read all instructions carefully before use.
- Do not immerse the light fixture in water. It is designed to be placed above the water surface.
- Ensure your hands are dry before handling the power adapter or controller.
- Always unplug the light from the power outlet before performing any maintenance, cleaning, or when not in use.
- Do not operate the light if any part is damaged, especially the power cord or adapter.
- Keep out of reach of children.
- Use only with the provided power adapter.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Hygger 9W Aquarium LED Light
- Power Adapter with inline controller
- Adjustable Metal Brackets (2 pcs)
- Plastic Brackets (2 pcs)
- Instruction Manual (this document)

4. PRODUCT OVERVIEW & FEATURES

The Hygger 9W Aquarium LED Light is equipped with advanced features for a customizable and healthy aquatic environment:

- **Ultra-Bright LEDs:** DC12V / 9 watt, suitable for 28-48cm wide aquariums and low to medium light plants in both freshwater and marine setups.
- **Adjustable Brackets:** Comes with removable metal and plastic brackets, allowing compatibility with most aquariums, with or without covers and spacers.
- **Three Color Modes:** Easily switch between White LEDs, Blue + White + Red LEDs, and Red + Blue LEDs to create different lighting effects.
- **Five Brightness Levels:** Adjust light intensity from 100% down to 10% to meet the specific needs of your aquatic plants and inhabitants.
- **Integrated Timer:** Set the lighting duration for 3, 6, or 12 hours.
- **Durable Construction:** Features a flat aluminum profile for efficient heat dissipation and high-quality, energy-efficient LEDs with a lifespan of up to 20,000 hours.

WHY CHOOSE hygger AQUARIUM LIGHT?



5 Levels of Light Brightness Adjustable



3 Light Modes

White Leds Blue+white+red Leds Red+blue Leds

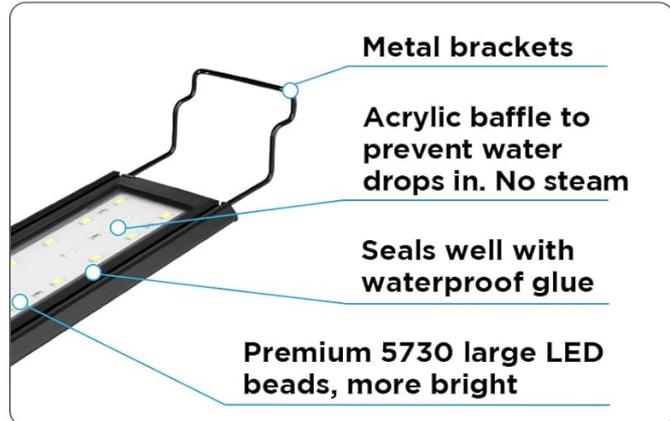


Lighting Time Setting



Aluminum alloy shell, fast heat dissipation

Plastic brackets



Metal brackets

Acrylic baffle to prevent water drops in. No steam

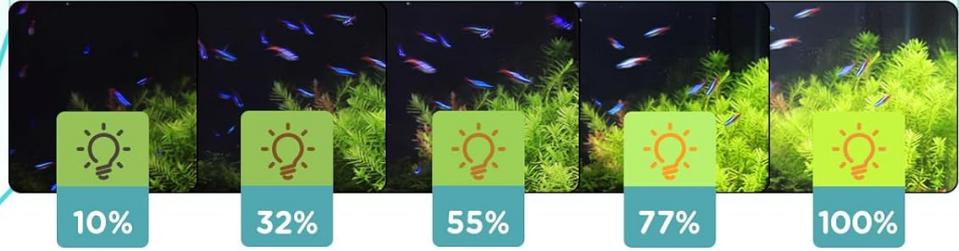
Seals well with waterproof glue

Premium 5730 large LED beads, more bright

***Please note 7W light only come with plastic brackets, NOT have metal brackets**

Figure 2: An overview of the inline controller for the Hygger Aquarium Light, detailing buttons for brightness adjustment, color mode selection, and timer settings (3H, 6H, 12H).

5 LEVELS of BRIGHTNESS



Premium 5730 large LED beads, more bright,
and good for aquarium fish and plants grow

3 LIGHT MODES

white leds



white+blue
+red leds



blue+red leds



Figure 3: Visual representation of the five adjustable brightness levels and three distinct color modes (White, Blue+White+Red, Blue+Red) available with the Hygger Aquarium Light.

FULL SPECTRUM AQUARIUM LIGHT

- Simulated natural light, good for aquarium plants grow
- Make the aquarium water looks more crystal clear
- Soft light, no hurts to eyes

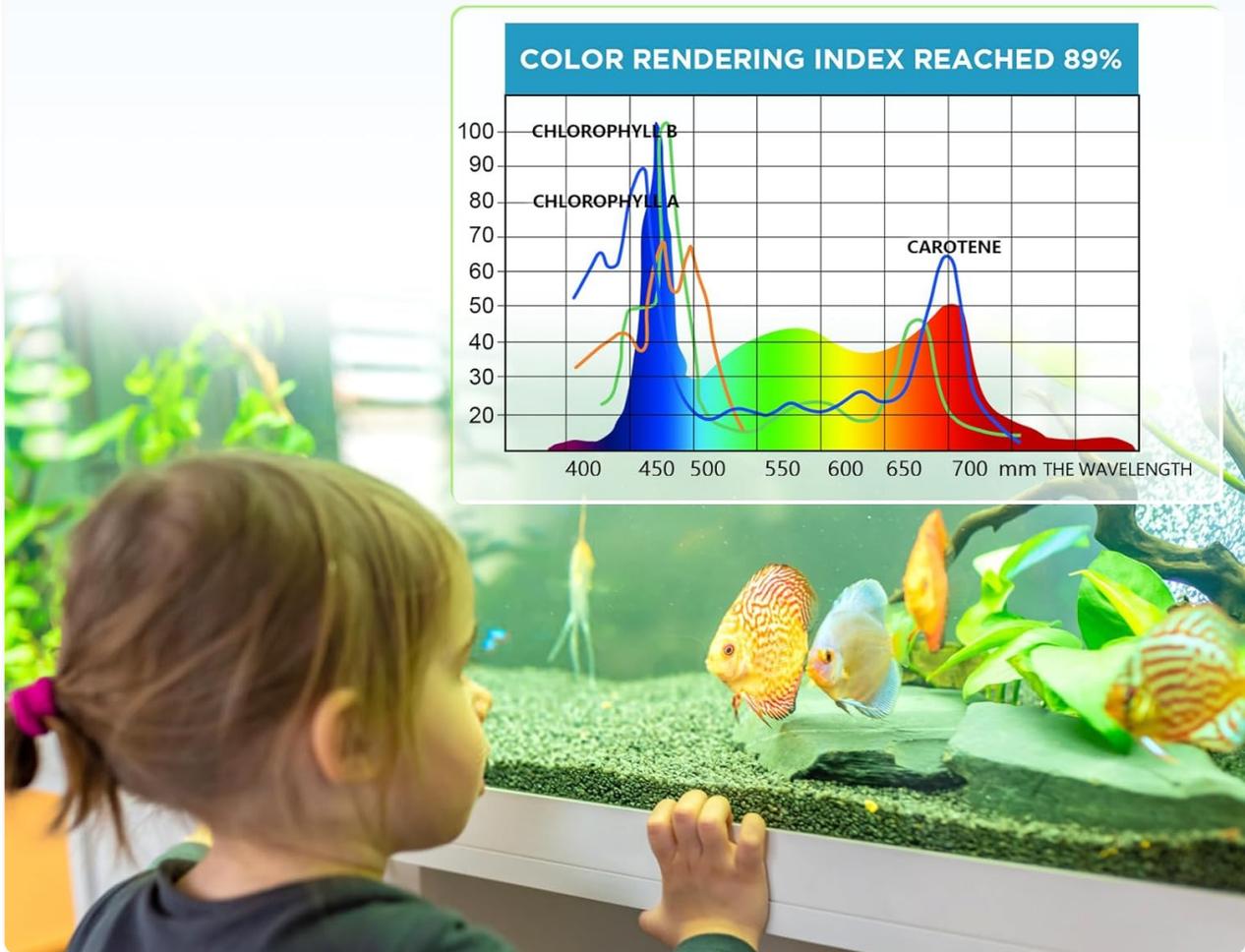


Figure 4: Spectrum graph illustrating the light output of the Hygger Aquarium Light, optimized for plant growth and color rendering.

5. SPECIFICATIONS

Feature	Specification
Brand	hygger
Model	HG918-9W
Power	9 Watts
Voltage	12 Volts
Product Dimensions	30 x 8 x 0.8 cm
Weight	490 g
Material	Aluminum (shell), Plastic (shade)

Light Type	LED (White, Blue, Red)
Number of Lights	24
Special Features	Dimmable, Timer
Cable Length	12 cm (controller cable)



Figure 5: A detailed size chart providing specifications for various Hygger Aquarium Light models, including wattage, dimensions, LED configuration, and recommended aquarium sizes.

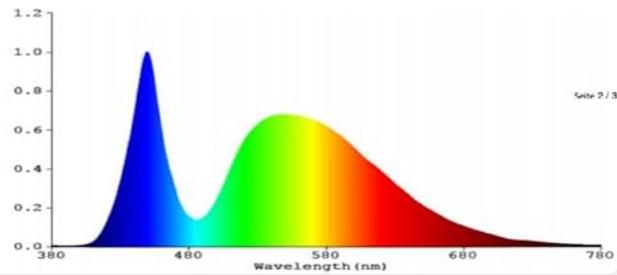
Produktdatenblatt			
DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen			
Name oder Handelsmarke des Lieferanten: hygger			
Anschrift des Lieferanten: MIHAI, Bloc 42, Scara 1, Etaj 5, Apartament 29, 22882 București Sectorul 2, Romania			
Modellkennung: HG918-9W			
Art der Lichtquelle:			
Verwendete Beleuchtungstechnologie:	LED	Ungebündelt oder gebündelt:	NDLS
Art des Sockels der Lichtquelle (oder andere elektrische Schnittstelle)	AC		
Netzspannung/Nicht direkt an die Netzspannung angeschlossen:	MLS	Vernetzte Lichtquelle (CLS):	Nein
Farblich abstimmbare Lichtquelle:	Nein	Hülle:	-
Lichtquelle mit hoher Leuchtdichte:	Nein		
Blendschutzschild:	Nein	Dimmbar:	Nein
Produktparameter			
Parameter	Wert	Parameter	Wert
Allgemeine Produktparameter:			
Energieverbrauch im Ein-Zustand (kWh/1000 h), auf die nächstliegende ganze Zahl gerundet	9	Energieeffizienzklasse	E
Nutzlichtstrom (ϕ_{use}) mit Angabe, ob sich der Wert auf den Lichtstrom in einer Kugel (360°), in einem breiten Kegel (120°) oder in einem schmalen Kegel (90°) bezieht	990 in Kugel (360°)	ähnliche Farbtemperatur, gerundet auf die nächstliegenden 100 K, oder Spanne der einstellbaren ähnlichen Farbtemperaturen, gerundet auf die nächstliegenden 100 K	6 500
Leistungsaufnahme im Ein-Zustand (P_{on}) in W	9,0	Leistungsaufnahme im Bereitschaftszustand (P_{sb}) in W, auf die zweite Dezimalstelle gerundet	-
Leistungsaufnahme im vernetzten Bereitschaftsbetrieb (P_{net})	-	Farbwiedergabeindex, auf die	85

Seite 1 / 3

für CLS in W, auf die zweite Dezimalstelle gerundet			nächstliegende ganze Zahl gerundet, oder Spanne der einstellbaren CRI-Werte	
äußere Abmessungen, ggf. ohne separates Betriebsgerät, Beleuchtungssteuerungsteile und Nicht-Beleuchtungsteile (Millimeter)	Höhe	300	Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Vollast	Siehe Bild auf letzter Seite
	Breite	80		
Tiefe	10			
Angabe zu einer gleichwertigen Leistungsaufnahme ^(a)	-	Falls ja, gleichwertige Leistungsaufnahme (W)	-	-
		Farbwertanteile (x und y)	0,335	0,346
Parameter für LED- und OLED-Lichtquellen:				
Wert des R9-Farbwiedergabeindex	11	Lebensdauerfaktor	0,98	
Lichtstromerhalt	0,96			
Parameter für LED- und OLED-Netzspannungslichtquellen:				
Verschiebungsfaktor (cos ϕ_1)	0,90	Farbkonsistenz in MacAdam-Ellipsen	5	
Angabe, dass eine LED-Lichtquelle eine Leuchtstofflichtquelle ohne eingebautes Vorschaltgerät mit einer bestimmten Leistungsaufnahme ersetzt.	„(b)“	Falls ja, Angabe zur ersetzten Leistungsaufnahme (W)	-	
Flimmer-Messgröße (Pst LM)	0,1	Messgröße für Stroboskop-Effekte (SVM)	0,1	

(a) „-“: nicht zutreffend;

(b) „-“: nicht zutreffend;



Seite 2 / 3

Figure 6: Official product data sheet for the Hygger Aquarium Light, listing technical parameters and compliance information.

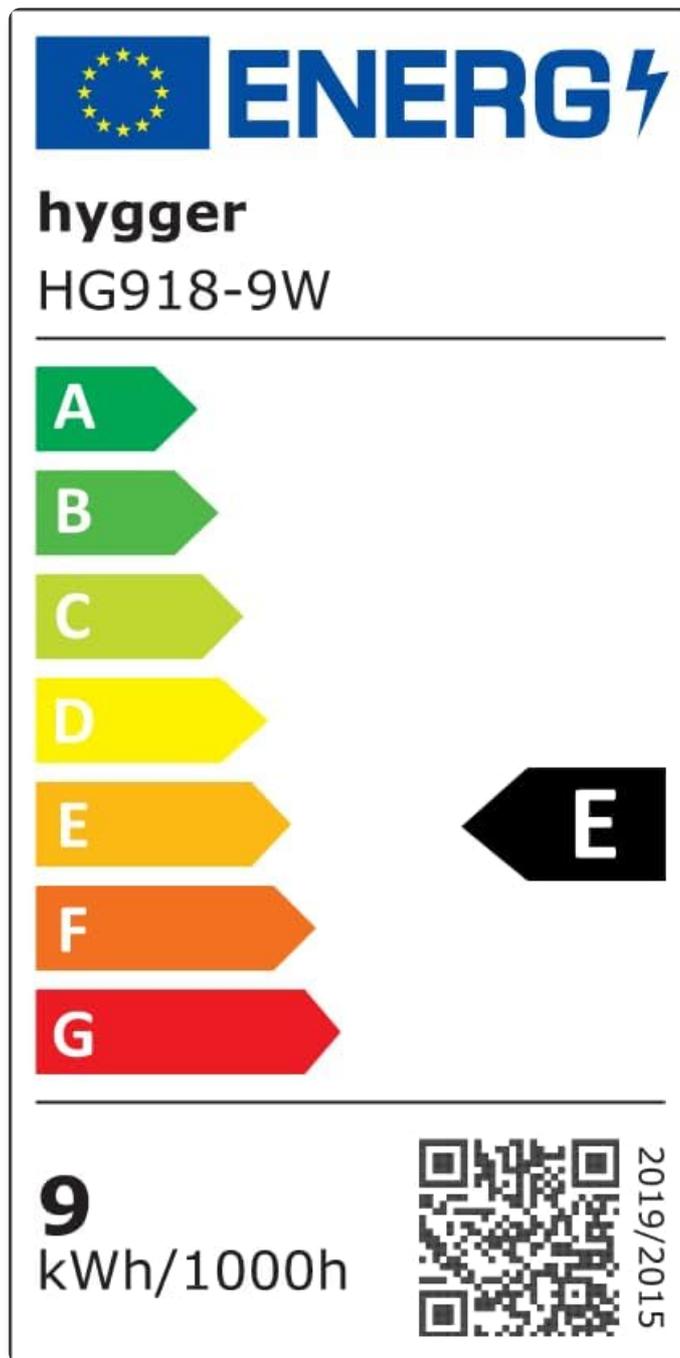


Figure 7: The energy efficiency label for the Hygger HG918-9W Aquarium Light, indicating its energy class and consumption. For more details, visit <https://eprel.ec.europa.eu/qr/1752440>.

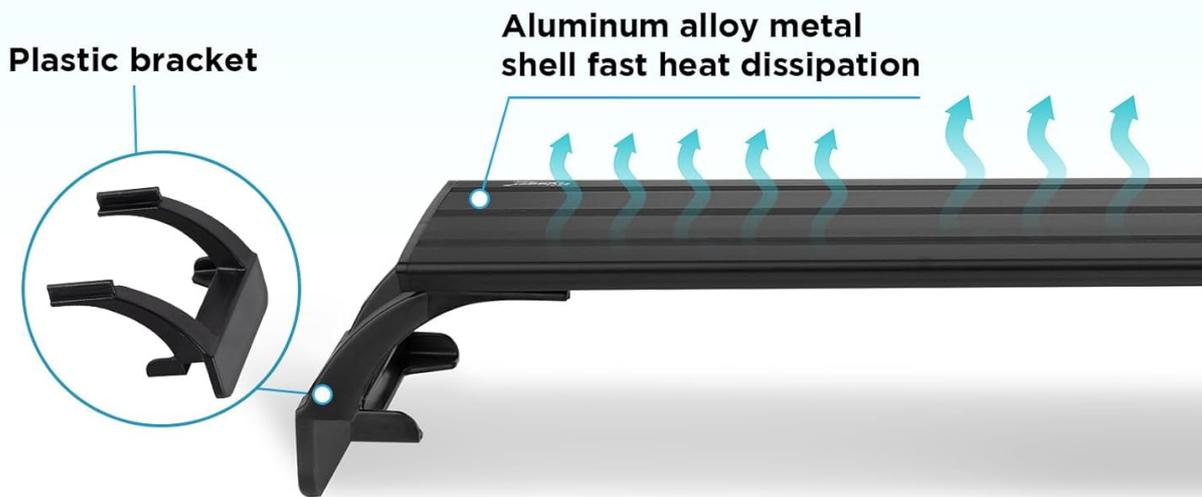
6. SETUP INSTRUCTIONS

6.1 Attaching the Brackets

The Hygger Aquarium LED Light comes with both metal and plastic adjustable brackets. Choose the type that best suits your aquarium setup.

1. Identify the bracket type you wish to use (metal or plastic).
2. Slide the brackets into the slots on each end of the light fixture. Ensure they are securely fitted.
3. Adjust the length of the brackets to match the width of your aquarium. The brackets are extendable to fit various tank sizes.

MENTAL SHELL & EXTENDABLE BRACKETS



How to push and pull the plastic bracket?

There are 3 ways:

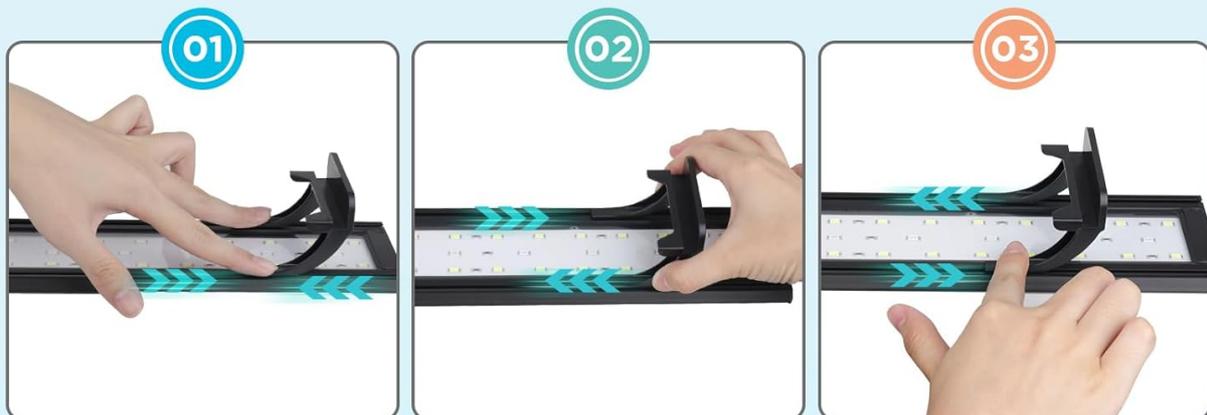


Figure 8: Hygger Aquarium Light with aluminum alloy shell and extendable metal brackets, ready for installation.

6.2 Mounting on the Aquarium

Once the brackets are attached and adjusted:

- Carefully place the light fixture on the edges of your aquarium, ensuring the brackets rest firmly on the tank walls.
- Make sure the light is centered and stable to prevent accidental falls.

6.3 Power Connection

Connect the light to the power source:

- Connect the light's cable to the inline controller.
- Connect the inline controller to the power adapter.
- Plug the power adapter into a suitable electrical outlet.

7. OPERATING INSTRUCTIONS

7.1 Inline Controller Overview

The light is controlled via an inline controller with four buttons:

- **Brightness Adjustment Button (+/-):** Adjusts the light intensity.
- **Color Mode Button (Cycle Icon):** Cycles through different color modes.
- **Timer Button (Clock Icon):** Sets the lighting duration.
- **Power Button (On/Off Icon):** Turns the light on or off.

7.2 Power On/Off

Press the **Power Button** once to turn the light on or off.

7.3 Color Mode Selection

The light offers three distinct color modes:

1. **White LEDs:** Provides bright, clear illumination.
2. **Blue + White + Red LEDs:** A balanced spectrum for general viewing and plant growth.
3. **Red + Blue LEDs:** Ideal for enhancing red plant coloration and creating a moonlight effect.

To cycle through these modes, press the **Color Mode Button** (second button from top) repeatedly until your desired mode is active.

7.4 Brightness Adjustment

The light has five adjustable brightness levels (100%, 77%, 55%, 32%, 10%).

- Press the **+ button** to increase brightness.
- Press the **- button** to decrease brightness.

7.5 Timer Function

The light features a timer for 3, 6, or 12 hours:

- Press the **Timer Button** (third button from top) once for 3 hours.
- Press it twice for 6 hours.
- Press it three times for 12 hours.

The light will automatically turn off after the set duration. Note that the timer function does not include a gradual sunrise/sunset simulation; it is a simple on/off timer.

Your browser does not support the video tag.

Video 1: This video provides a visual guide to the installation and operation of the Hygger 9W-32W Aquarium Light, showcasing its adjustable brightness, multiple color options, and integrated timer functionality.

8. MAINTENANCE

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

8.1 Cleaning

- Always unplug the light before cleaning.
- Wipe the light fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Ensure the light is completely dry before plugging it back in.

8.2 Storage

If storing the light for an extended period, ensure it is clean and dry. Store it in a cool, dry place away from

direct sunlight.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, damaged adapter.	Check power outlet, ensure all connections are secure, try a different outlet. If adapter is damaged, replace it.
Light flickers or dims unexpectedly.	Unstable power supply, loose connection, internal fault.	Check power connections. Ensure the power supply is stable. If the problem persists, contact customer support.
Timer function not working.	Incorrect setting, power interruption.	Re-set the timer according to the operating instructions. If power is interrupted, the timer may reset.
Cannot change color modes or brightness.	Controller malfunction.	Ensure the light is on. Try pressing the buttons firmly. If unresponsive, contact customer support.

10. WARRANTY AND SUPPORT

The Hygger 9W Aquarium LED Light comes with a **one-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

If you encounter any issues or have questions regarding your product, please do not hesitate to contact us through Amazon's messaging system. Our customer support team aims to respond within 16 hours to assist you.