



# USER MANUAL

hygger planted+24/7 aquarium extendable LED light



**Please read this manual carefully before using and follow the instructions carefully.**

# 1. PRODUCT FEATURES

- **Super Brightness:** Premium 5054 LEDs provide brilliant illumination for plants, and fish, enhancing the visual appeal of your aquarium.
- **Adjustable Timer:** Set the lighting time to 6H, 8H, and 12H according to your preferences.
- **Adjustable Brightness:** Choose from 10 brightness levels to create the perfect lighting ambiance.
- **24/7 Lighting Mode:** Create a natural and rhythmic light cycle with progressive sunrise, sunset, and moonlight effects throughout the day.
- **Easy Maintenance:** Built-in smooth metal aluminum housing, can be easily cleaned with a dry towel.
- **Extendable Bracket:** The bracket allows the LED light to fit different-sized aquariums.
- **Suitable for Plants and Freshwater:** The full-spectrum bulbs offer a range of colors to suit your needs.


# 2. PRODUCT PARAMETERS

MODEL	HG089-14W	HG089-18W	HG089-22W	HG089-26W	HG089-36W	HG089-42W
INPUT VOLTAGE	AC100-240V					
OUTPUT VOLTAGE	DC24V	DC24V	DC24V	DC24V	DC24V	DC24V
POWER	14W	18W	22W	26W	36W	42W
LED QUANTITY	24PCS	39PCS	42PCS	60PCS	72PCS	87PCS
LIGHT SIZE	310*90*10.5mm	410*90*10.5mm	566*90*10.5mm	800*90*10.5mm	900*90*10.5mm	1160*90*10.5mm
APPLICATION	12" - 18" 31-46CM	17"-23" 43-61CM	23"-28" 58-72CM	32"-37" 82-95CM	36"-41" 92-105CM	46"-52" 117-132CM

# 3. METHOD OF APPLICATION


- Open the package and verify that the light and all accessories are included. If any parts are missing, please contact the seller for assistance.
- Adjust the length of both sides of the metal bracket to fit your aquarium.
- Connect the power supply to the light and then plug it in. Ensure a drip loop is created before the outlet as shown on the warning.

## 4.METHOD OF APPLICATION

Press  to turn on the light. To turn off the light, press the power button again. There are three lighting modes for your option.



### ◆Option1: 10 lighting color modes



The first one is timer lighting mode. In this mode, you can select different light colors, adjust their intensity, and set the lighting time. Follow the steps below to program the light in this mode:

1.Press  to cycle through different light colors: Fishlight Mode → Aquatic Plant Mode→ Ocean Blue Light Mode→White →Red →Orange →Green →Blue → Purple → Color Changing Loop Cycle.

#### 2. Timer function

Press  to set the lighting time. Each press corresponds to a different option: 6H, 8H, 12H, or No timer.

For example, press  once will select 6 hours.  The first indicator light on the top of the timer button will turn red. The light will automatically turn off after 6 hours and turn on at the same time the next day.


Press  twice will select 8 hours.  The second indicator light will turn blue. The light will automatically turn off after 8 hours and turn on at the same time the next day.

Press  three times will select 12 hours.  The third indicator light will turn green. The light will automatically turn off after 12 hours and turn on at the same time the next day.

For example, if you select 8H at 9:00, this light will automatically turn on at 9:00 and turn off at 17:00 every day.

Note: In case of a power failure, the timing function does not automatically resume and needs to be reset.

### 3. BRIGHTNESS CONTROL FUNCTION

Press  to adjust the brightness from 1 to 10 stages (10%-20%-30%-40%-50%-60%-70%-80%-90%-100%). Each short press increase or decrease the brightness by 10%. You can also long-press the button to quickly adjust the brightness, 10%-100% stepless dimming. When it reaches 100% or 10% brightness, the light will flash.

## ◆ Option2: 24/7 Sunrise and Sunset Mode

Press  to choose 24/7 mode. The indicators will light up at the same time.

**In this mode, the light gradually simulates the natural sunrise and sunset for the fish. It starts with dim orange light at dawn, transitions to bright full-spectrum light during the day, and ends with blue light at night. Once set, the light will auto-turn on and off at the same time every day. In this mode, the light color and intensity are fixed and cannot be changed.**

To activate the 24/7 lighting mode, set the desired time and leave it. The light will then operate on its own.

For example, if you press this button at exactly 7:00, the light will turn off at 22:00 and automatically turn on at the same time the next day.

**You can set the following examples for the 24/7 mode:**

**Sunrise stage from 07:00 to 08:00:** The light will start at 07:00 with 10% intensity of orange lighting and gradually increase to 50% intensity in an hour.

**Sunlight stage from 08:00 to 17:00:** The light will provide full-spectrum lighting.

L1: From 08:00-11:00, the intensity will increase from 5% to 100% with full-spectrum lighting;


L2: From 11:00-14:00, the intensity will remain at 100%.

L3: From 14:00-17:00, the intensity will decrease from 100% to 5%.

**Sunset stage from 17:00 to 18:00:** The light will transition to orange light with 50% intensity at 17:00 and gradually decrease to 10% intensity within an hour.

**Moonlight stage from 18:00 to 22:00:** The light will provide blue light with 30% intensity from 18:00 to 22:00 and then turn off.


## ◆ Option3: DIY Mode


Press  to choose the DIY mode, where you can customize the color of the light.



In this mode, you can adjust the ratio of the three RGB primary colors to create the desired color.



The color and intensity of the light can be changed in this mode.

You can also use the timing function to schedule automatic on and off times for the lights.



 Long press to increase the proportions of red light. When it reaches 100%, the lights will flash. Short press to increase the red light ratio by 5% with each press.

Long press  to decrease the proportions of the red light. When it reaches 5%, the lights flash. Short press to increase the red light ratio by 5% with each press.

 Long press  to increase the proportions of the green light. When it reaches 100%, the lights will flash. Short press to increase the red light ratio by 5% with each press.

 Long press  to increase the proportions of green light. When it reaches 5%, the lights will flash. Short press to increase the green light ratio by 5% with each press.

 Long press  to increase the proportions of blue light. When it reaches 100%, the lights will flash. Short press to increase the red light ratio by 5% with each press.

 Long press  to increase the proportions of blue light. When it reaches 5%, the lights will flash. Short press to increase the red light ratio by 5% with each press.

## 5. ATTENTION

- √ Please read this user manual carefully before using it and follow it strictly.
  - √ Please keep the switch away from water since it is not waterproof.
  - √ Please keep the light away from flammable items to avoid accidents.
  - √ Please unplug the power and contact the seller if the light is not working properly.
- \*\*OPENING WILL VOID WARRANTY\*\***
- √ Please unplug the power before maintenance.
  - √ Please mind that the temperature range for the light is between 23°F ~113°F (-5°C~45°C).

## 6. WARNING:

To avoid possible electrical shock, do not immerse the switch in water. If the switch falls into the water or otherwise becomes wet, do not touch it until you have unplugged it. Basic safety precautions should be observed including the following:

1. Read and follow this user manual strictly.
2. DANGER-To avoid possible electric shock, special care should be taken. For each of the following situations, do not attempt to repair yourself; return the light to an authorized service facility for service or discard the light.
  - A. Carefully examine the light after installation. It should not be plugged in if there is water on parts not intended to be wet.
  - B. Do not operate the light if it has a damaged cord or plug, if it is malfunctioning or if it is dropped or damaged in any manner. The power cord of this light cannot be replaced, if the cord is damaged, the light should be discarded.
  - C. To avoid the possibility of the light plug getting wet, position the aquarium stand and tank to one side of a wall-mounted receptacle to prevent water from dripping onto the receptacle or plug. A “drip loop”, shown in the figure below, should be arranged by the user for each cord connecting the light to the receptacle. The “drip loop” is the part of the cord below the level of the receptacle or the connector. If an extension cord is used, to prevent water from traveling along the cord and coming in contact with the receptacle. If the plug or receptacle does get wet, DO NOT unplug the cord. Disconnect the fuse to the circuit breaker that supplies power to the light. Then unplug and examine for the presence of water in the receptacle.

## POWER CORD



## DRIP LOOP

3. Close supervision is necessary when the light is used near children.
4. To avoid injury, do not touch moving or hot parts.
5. Make sure the light is securely installed before operating it.
6. Read and observe all the important notices on the light.
7. If an extension cord is necessary, a cord with a proper rating should be used. A cord rated for less amperes or watts than the appliance rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
8. The light is intended FOR HOUSEHOLD USE ONLY.
9. SAVE THIS USER MANUAL.

## 7. DISPOSAL

Do not dispose of this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary. This product has to be disposed of at an authorized place for the recycling of electrical and electronic appliances rather than being disposed of together with the domestic waste. Collecting and recycling waste is a way of saving natural resources. So, please consult with your local seller to make sure the product is disposed of in an environmentally friendly way.

## 8. PACKING LIST

1x User manual	1x LED light
1x Power adapter	2x Metal brackets

## 9. CONTACT INFORMATION

E-mail: [service@hygger-online.com](mailto:service@hygger-online.com)

Website: [www.hygger-online.com](http://www.hygger-online.com)