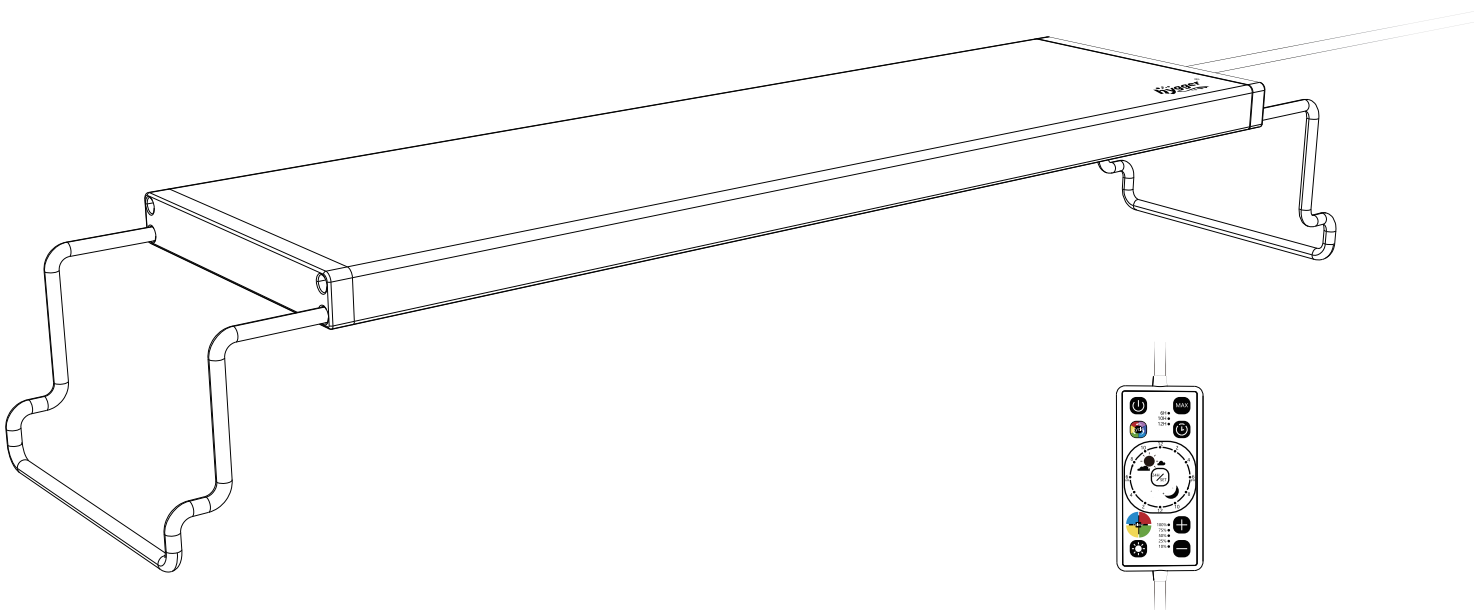
HG075 USER MANUAL

hygger planted+24/7 aquarium LED light



1. PRODUCT FEATURES

Super bright: Premium W5054 and 2835 LEDs provide vibrant illumination for plants, fish, and enhance the aesthetic appeal of the tank.

Built-in timer: lighting time can be programmed for 6H, 10H, and 12H.

Adjustable brightness: Choose from 7 colours (red-green-blue-orange-yellow-cyan-purple) and 5-stages brightness levels (10%-25%-50%-75%-100%) by pressing the “+” or “-” buttons.

24/7 recycling lighting mode: This aquarium light creates a natural and rhythmic light cycle with gradual sunrise, sunset, and moonlighting effect. The one-key operation allows for easy programming of light opening and closing.

Extendable bracket: The extendable bracket ensures that the LED light fits aquariums of different sizes within the adjustable range.

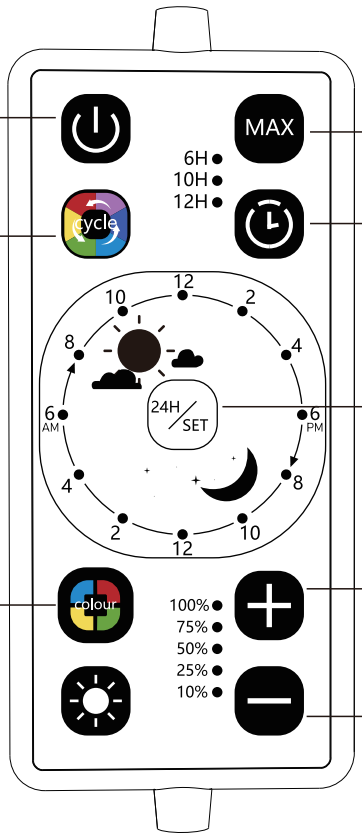
Suitable for plants and freshwater: The full-spectrum bulbs produce different colours to meet your preferences.

2. PRODUCT PARAMETERS

MODEL	HG075-14W	HG075-20W	HG075-26W	HG075-32W	HG075-40W	HG075-48W
INPUT VOLTAGE	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V
OUTPUT VOLTAGE	DC20V	DC20V	DC20V	DC20V	DC20V	DC20V
LED QUANTITY	60PCS W:25 R:3 G:2 B:6 RGB:24	90PCS W:39 R:4 G:3 B:8 RGB:36	120PCS W:53 R:5 G:4 B:10 RGB:48	150PCS W:66 R:7 G:5 B:12 RGB:60	180PCS W:81 R:7 G:6 B:14 RGB:72	210PCS W:95 R:8 G:7 B:16 RGB:84
LIGHT SIZE	12 INCH (30CM)	18 INCH (45CM)	24 INCH (60CM)	30 INCH (75CM)	36 INCH (90CM)	47 INCH (120CM)
APPLICATION	12-18INCH (30-45CM)	18-24INCH (45-60CM)	24-30INCH (60-75CM)	30-36INCH (75-90CM)	36-42INCH (90-107CM)	47-54INCH (120-137CM)
POWER CORD	4.9ft+2.3ft	4.9ft+2.3ft	4.9ft+2.3ft	4.9ft+2.3ft	4.9ft+2.3ft	4.9ft+2.3ft

3. METHOD OF APPLICATION

CONTROLLER DIAGRAM



On/Off button: Press once and turn on or turn off.

Cycle button: Creates a magical ambiance. Press once to turn the light and makes your fish tank even more dreamy.

Colour button: Choose from 7single colour: red-green-blue -orange-yellow-cyan-purple. Adjust the brightness by pressing “+”/“-” after selecting the desired colour.

MAX button: Press once to activate 100% full-spectrum. To adjust the brightness, press + to choose desired brightness level and the corresponding indicator will light

Timer button: Press once for 6H/10H/12H timing. The selected mode will repeat daily at the same time.

24H/SET Button: Program the lighting time for 24/7 mode. Divide 24 hours a day into 12 time periods. Select the start and end times. Note: The earliest start time is 12:00 a.m., and the latest end time is also 12:00 a.m. The start and end time cannot overlap. Press the "24H/SET" button once and then press the "+" or "-" button allows you to choose the nearest real-time time. You can also select the nearest real-time time for synchronization after setting the light's on/off time.

“+”/“-” button: Adjusts the brightness for any mode.

(1) How to Program the 24/7 Lighting Mode

The 24/7 lighting mode gradually simulates the natural light cycle for the fish, with dim orange light at dawn, bright full spectrum light during the day and blue light at night. Once set, the light will automatically turn on and off at the same time every day. In this mode, the light colour and intensity are fixed and cannot be changed. There are 12 time periods available for easy customization.

Please follow the steps below:

Step 1: Long press the “24H/SET” button to enter the 24-hour programmed setting. The indicator will flash, and press the “+” or “-” button to choose the light’s start time and press the “24H/SET” button to save.

Step 2: After completing Step 1, then the indicator will flash again. Press the “+” or “-” button to choose the light’s end time, and press the “24H/SET” button to save it.

Step 3: Finally, press the “24H/SET” button once, the indicator will light up, and you can choose the closest current time range with the “+” or “-” button.

Note: If you set the timer an hour earlier than the actual time, it will turn off an hour earlier and turn on an hour earlier the next day.

For example:
It is currently 7:45 p.m., and you want to set the 24/7 lighting mode for 8 hours a day, starting at 8 a.m.

First, press and hold the “24/SET” button to enter the setting. The indicator light will flash. Press the “-” button to select 8:00 a.m. as the start time, and then press the “24/set” button to save.

Next, the indicator light will flash again. Press the “-” button to select 4:00 p.m. as the end time, and press the “24/SET” button to save.

Finally, press once the “24/SET” button once. The indicator will light up. Press the “+” button to choose the current at 8:00 p.m. (The closest time to the current time of 7:45 p.m. is 8:00 p.m., and the light will turn on at 7:45 a.m. and turn off at 3:45 p.m. the next day.)

If you want the light to turn on at 8:00 a.m. the next day, you need to wait for 15 minutes to set the current time, ensuring it is consistent with the local time.

(2) Default Program Setting: 6:00 a.m.~10:30 p.m.
You don’t need to manually set the time. Simply press the “24H/SET” button once to select the closest current time range, and the light will operate automatically.

4. ATTENTION:

✓ Please read the manual carefully before using it and follow all instructions.

✓ Please keep the switch away from water, the switch is not waterproof.

✓ Please keep the light away from flammable items.

✓ 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 remember that the temperature range for the light is 23~113℉.

5. PACKAGE INCLUDES:

- 1× LED Light
- 1×AC/DC power adaptor
- 2× Extendable brackets
- 1× User manual

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:

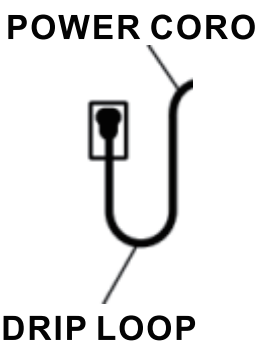
1.Read and follow this user manual strictly.

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 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 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.



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. ONE YEAR LIMITED WARRANTY

This product MUST be purchased from an authorized hygger reseller. Visit our website for a list of unauthorized resellers. hygger warrants this product against defects in materials and worksmanship for ONE(1) YEAR from the date of the original retail purchase and is none-transferable.

Warranty on all products, including aquariums. But it is limited to the replacement of the products and does not cover fish loss, personal injury, property loss or direct, incidental or consequential damage caused by using this product.

Note: hygger One-year Limited Warranty does not cover damage caused by the followings: improper installation, saltwater corrosion, electrical surges or modifications.

Additionally, products that have been refunded are also not covered under the warranty.

If you discover a defect, please contact hygger, who will, at it's option, repair or replace the product at no charge, provided that you return it during the warranty period. A copy of the bill of sale is required as a proof of the original purchase date in the event of the product needing repairs within the warranty period. Hygger does not warrant any products that are hygger's.

This warranty does not apply if the product has been damaged by accident, abuse, misuse or misapplication, or modified without the written permission of hygger.

8. DISPOSAL

Do not dispose this product as unsorted municipal waste. This product must not be disposed together with the domestic waste it must be disposed of at an authorized place for recycling of electrical and electronic appliances.
By collecting and recycling waste, you help save natural resources, and make sure the product is disposed in an environmental friendly way.

9. CONTACT INFORMATION:

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