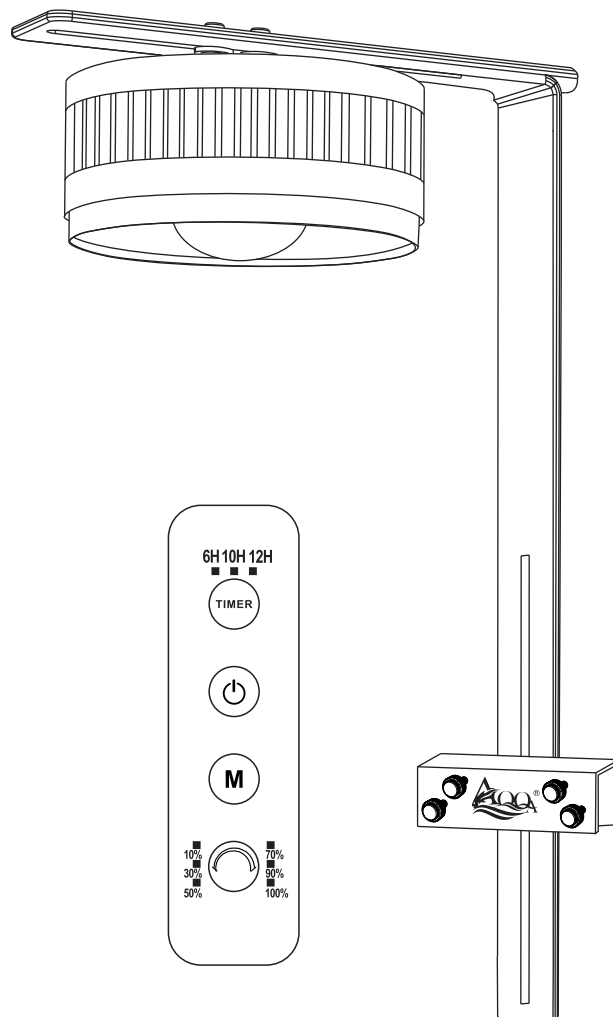




AQ147 USER MANUAL

AQQA Full Spectrum COB LED Aquarium Light



AQQA Full Spectrum COB LED Aquarium Light adopts full spectrum integrated lamp beads with superior light penetration, transparency, and brightness. It can be used in aquaculture or freshwater fish tanks. Please read this instruction manual carefully before use and follow it strictly. This high-quality full spectrum light COB LED aquarium lamp hopes to bring you a better life, "Let there be no difficult fish in the world" is our AQQA brand mission!

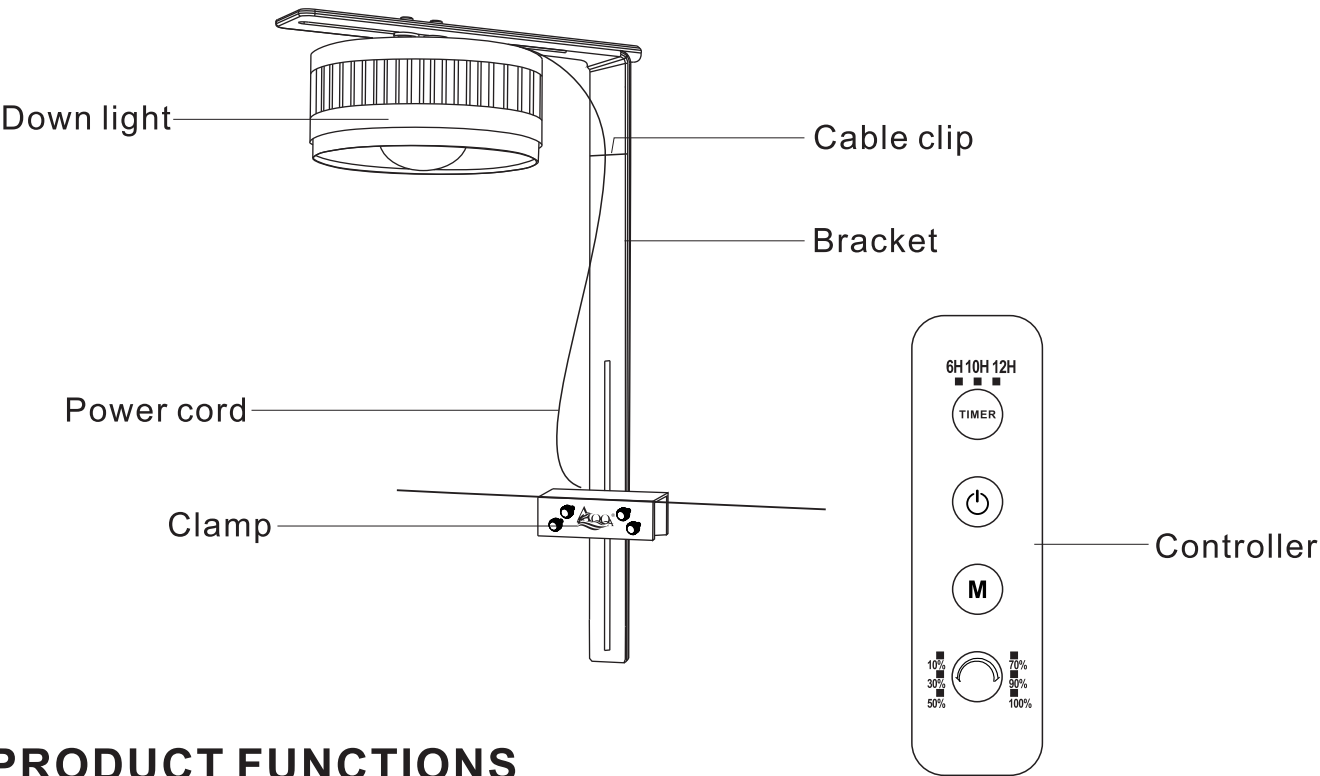
1. PRODUCT FEATURES

- **Professional Down Light:** Adopt high-quality COB LED full-spectrum lamp beads; the measured temperature will reach 5000K+. It has superior light penetration and is transparent and bright enough to lighten the whole tank easily.
- **Multifunctional Controller:** 3 Light colors: full-spectrum, white, and colored light; 6 brightness levels: 10%, 30%, 50%, 70%, 90%, 100%; 3 timing functions: 6H, 10H, 12H. Multiple control methods to meet a variety of usage requirements.
- **High-temperature Cooling:** Noise-reducing fan for heat dissipation, one-piece aluminum alloy fan system, grid-like wire channel design, 360° annular curved screen blade, greatly increase the cooling surface, effectively reduce light decay.
- **Solid Bracket System:** The aluminum alloy clip design allows for the freedom of height and front and back distance. It is easy to adjust the light distance and meet different fish tanks and light areas.

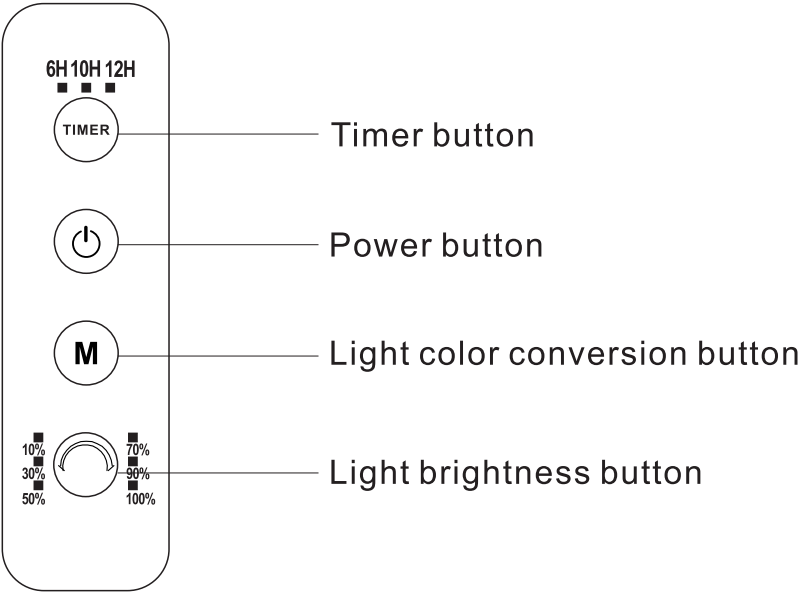
2.PRODUCT PARAMETER

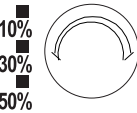
MODEL	AQ147-35W	AQ147-60W
POWER	35W	60W
INPUT VOLTAGE	AC 100-240V	
OUTPUT VOLTAGE	24V 1.5A	24V 2.5A
LIGHT SIZE	14cm	14cm
LED QUANTITY	42PCS	63PCS
APPLICABLE FISH TANK	30-80Gallon	30-100Gallon
POWER CORD	2.95ft+4.92ft(90cm+150cm)	2.95ft+4.92ft(90cm+150cm)

3. PRODUCT STRUCTURES



4.PRODUCT FUNCTIONS



-  **Timer button :** The light will automatically light up when connected to the power supply; long press 3 seconds, the light will automatically turn off, then long press 3 seconds, the light will light up again.
-  **Light color conversion button:** 3 colors: full-spectrum, white, and colored light. Each time you press the button, you can switch different light colors.
-  **Light brightness button:** There are 6 adjustable brightness levels: 10%, 30%, 50%, 70%, 90%, and 100%; each press the button, you can switch different light brightness, and you can cycle to select the brightness.
-  **Timer button:** There are 3 timed periods: 6H, 10H, and 12H. After selecting the light color and brightness, you can press this timer button to select the required duration.

After selecting the timing, the lighting timing function will be automatically activated. When the timing is over for 4 minutes, the light color will gradually weaken to go out, allowing the fish to adapt to the light environment with the lights off in advance to avoid being frightened.

For example, the light color is full-spectrum, brightness is 50%, and timing is 6H (At 14:00 local time, set the timing period to 6H); at this time, the light will run according to the set timing within 6H, and the light will be turned off at the end of the timing at 20:00 local time. At 19:56, the lights begin to dim gradually until 20:00, the lights go out. The next day, the lights will automatically turn on at 14:00, and the lights will brighten progressively to 50% of the original brightness before 14:04. (There is a 4-minute lighting process from dark to bright, allowing the fish to adapt to the light in advance to avoid being frightened.)

5.INSTALLATION STEPS



STEP 1

Attach Light Bracket: Use the included Allen wrench to tighten the light bracket (use flat-head screws).



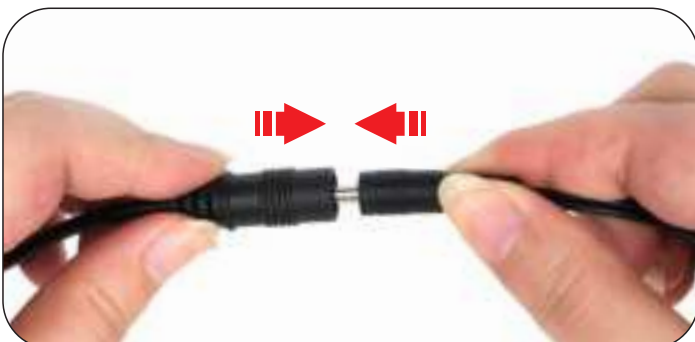
STEP 2

Secure Tank Bracket: Fasten the clip to bracket using the Allen wrench (use dome-head screws).



STEP 3

Install Light Body: Screw the light body onto the bracket by hand until snug.



STEP 4

Plug in Controller: Connect the light to the controller.



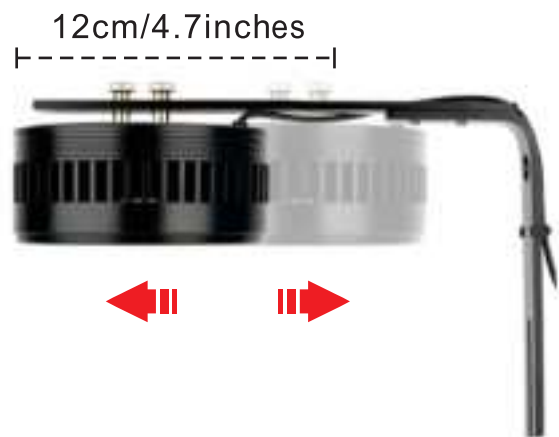
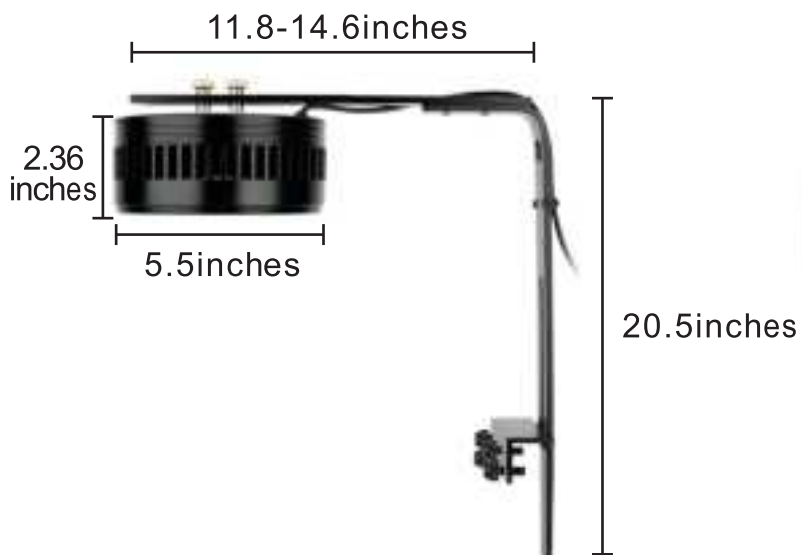
STEP 5

Mount on Tank: Position the assembled unit on fish tank and tighten to secure.



STEP 6

Organize Cables: Use cable clips to fix wires in place.



6.ATTENTIONS

- √ Please read this user manual carefully before using 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).

7.WARNING

To avoid possible electric shock, do not immerse the switch in the water. If the switch falls into the water or becomes wet, do not touch it until you have unplugged it. Basic safety precautions that should be observed are as follows:

1.Read and follow this user manual strictly.

2.DANGER- To avoid possible electric shock, special care should be taken since water is employed in the use of aquarium equipment. For each of the following situations, do not attempt to repair yourself. Instead, return the light to an authorized service facility for maintenance or discard it.

A.If the light falls into the water, DO NOT touch it. First unplug it, then retrieve it. If electrical components of the light get wet, unplug it immediately.

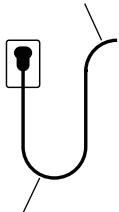
B.Carefully examine the light after installation. It should not be plugged in if there is water on parts that are not intended to be wet.

C.Do not operate the light if it has a damaged cord or plug, is malfunctioning, 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.

D.To avoid the possibility of the light plug getting wet, position the aquarium and its stand to one side of a wall mounted outlet to prevent water from dripping onto the outlet or plug.

A "drip loop", shown in the figure below, should be arranged by the user for each cord, which connects the light to the outlet. If an extension cord is used, the "drip loop" is the part of the cord below the level of the outlet or the connector that prevents water from traveling along the cord and coming in contact with the outlet. If the plug or outlet 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 outlet. If you are not sure, consult a certified electrician.

POWER CORD



DRIP LOOP

3.Close supervision is necessary when the light is used near children.

- 4.To avoid injury, do not contact 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, such as rated amperes or watts. A cord rated for fewer 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.

8. AQQA LIMITED MANUFACTURER'S WARRANTY

We offer the end user of this product a manufacturer warranty of 2 years from the date of sale if this product was purchased from an AQQA[®]-authorised specialist dealer

Retain receipt for any future warranty claim. Conditions apply. Products are guaranteed by AQQA[®] Aquatic Supplies to the original purchaser against defective material and workmanship under normal use for a period up to 2 years from the date of the original purchase through an Authorized Dealer. Refer to the User Manual included with your product for specific warranty details.

Products have no warranty if:

1. The product has been serviced, modified or tampered with by anyone other than AQQA[®] Aquatic Supplies.
2. The product has been abused or damaged (including broken or cracked bulbs), and/or.
3. The product has been transported without proper packaging.
4. The product was purchased from an Unauthorized Reseller.

WARRANTY LIABILITY DISCLAIMER

In no event will AQQA[®] be liable for any consequential or incidental damages, including but not limited to, lost aquatic life, personal injury, property damage, equipment damage, lost profits, lost wages, lost savings, lost income, etc., arising out of the use of any AQQA[®] products.

1.0. Terms and Conditions of Warranty.

- 1.1. AQQA[®] warrants to the purchaser, for 2 years from date of original purchase through an Authorized AQQA[®] Reseller, free to repair or replace parts where fault is found due to defective materials or faulty workmanship and where goods do not operate in accordance with the instructions.
- 1.2. All claims for repair or replacement must be made at place of purchase.
- 1.3. Only the direct purchaser is entitled to warranty claims against us and these are not transferable without our consent.
- 1.4. The original and dated Proof of Purchase (receipt) must be supplied with all goods claims. Please also provide this Guarantee where possible.
- 1.5. Wear parts (e.g.: seals, suction devices, axes, pump wheels, light sources, pH electrodes, filter media, such as filter cartridges, as well as UVC burners), glass damage and the opening of the product, as well as structural changes or the use of non-AQQA[®] original parts are excluded from the guarantee.

- 1.6. All goods subject to claim under Guarantee should be prepared for transportation in the original packaging or other comparable packaging which offers the same degree of protection and AQQA® must incur no costs from the shipment.
- 1.7. Where claims on inspection reveal goods are in normal working order, AQQA® will request reimbursement of all reasonable costs incurred.
- 1.8. Warranty claims do not exist in the case of only insignificant deviations from the agreed or customary condition or usability, e.g. insignificant deviations in colour, dimensions and/or quality or performance characteristics of the products.
- 1.9. Our warranty obligation extends only to the delivery of newly manufactured products. Unless otherwise agreed, used products are sold as seen, excluding any warranty.

9. 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.



10. PACKING LIST

- 1× LED light
- 1× AC/DC adapter
- 1× Metal bracket arm
- 1× User manual

11. CONTACT INFORMATION

Company Name: Shenzhen Aiku Pet Technology Co., Ltd
Add: Room 501, No.20, Lane 1, Lishipai, Dafapu Community
Bantian Street, Longgang District, Shenzhen Guangdong. 518000
Email: service@aqqapet.com
Website: <http://www.aqqapet.com>



@AQQA Aquarium

If you have any problem, please provide your Amazon order id (Amazon invoice) and shipping address by E-mail: service@aqqapet.com.



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MADE IN CHINA