

hipargero
A30 LED
Aquarium Light



Hipargero A30 LED Aquarium Light User Manual

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Hipargero A30 LED Aquarium Light



Please read this manual before operating your device and keep it for future reference!

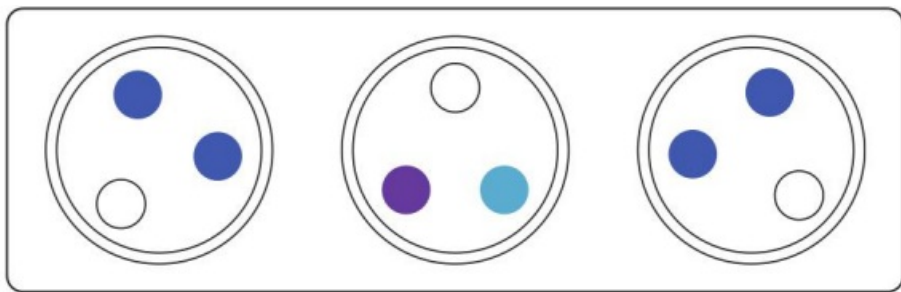
Delivery Contents

- 1 x Aqua Knight LED light
- 1 x Power plug
- 1 set Bracket
- 1 x User's manual
- 5 x Screws in a bag (1 spare included)

Product Features

- Colorful spectrum
- Touch control function
- Build-in Timer
- Sunrise and Sunset
- Adjustable bracket
- Setting AutoSave
- Simple installation
- Fashionable design
- High-quality XPE & Epileds
- Designed for marine tanks specially
- Two-rollers silent fans
(The fan works only when the channels turn on)
- Two channels with intensity dimming

LED Layout



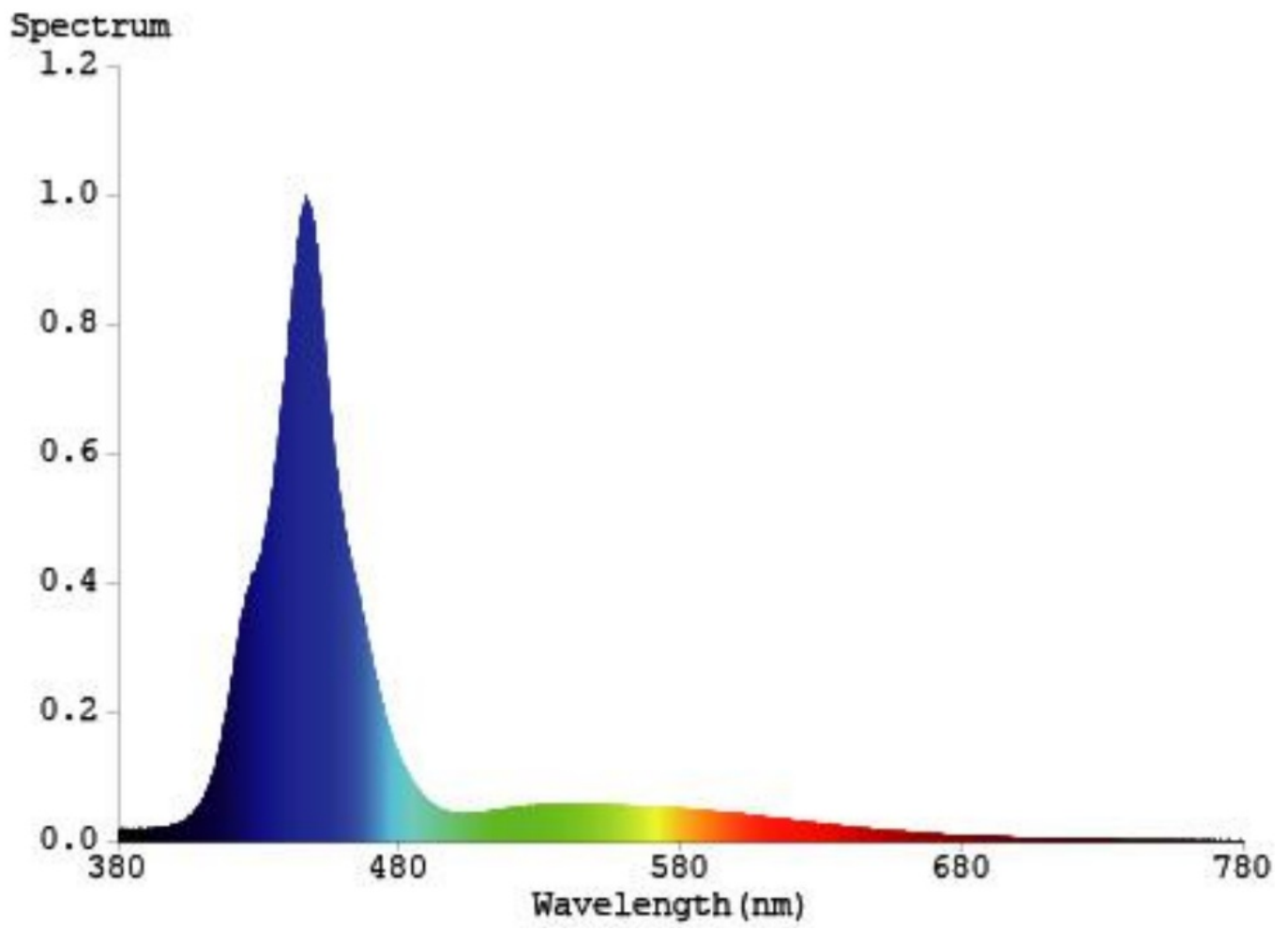
● Epileds Violet
 ● Xpe Royal blue
 ● Xpe Blue
 ○ Xpe White

- **Channel 1:** XPE white 5w LEDs3pcs
- **Channel 2:** Epileds Violet 3w×1pcs + XPE Royal blue 3w×4pcs + XPE Blue 3w×1pcs

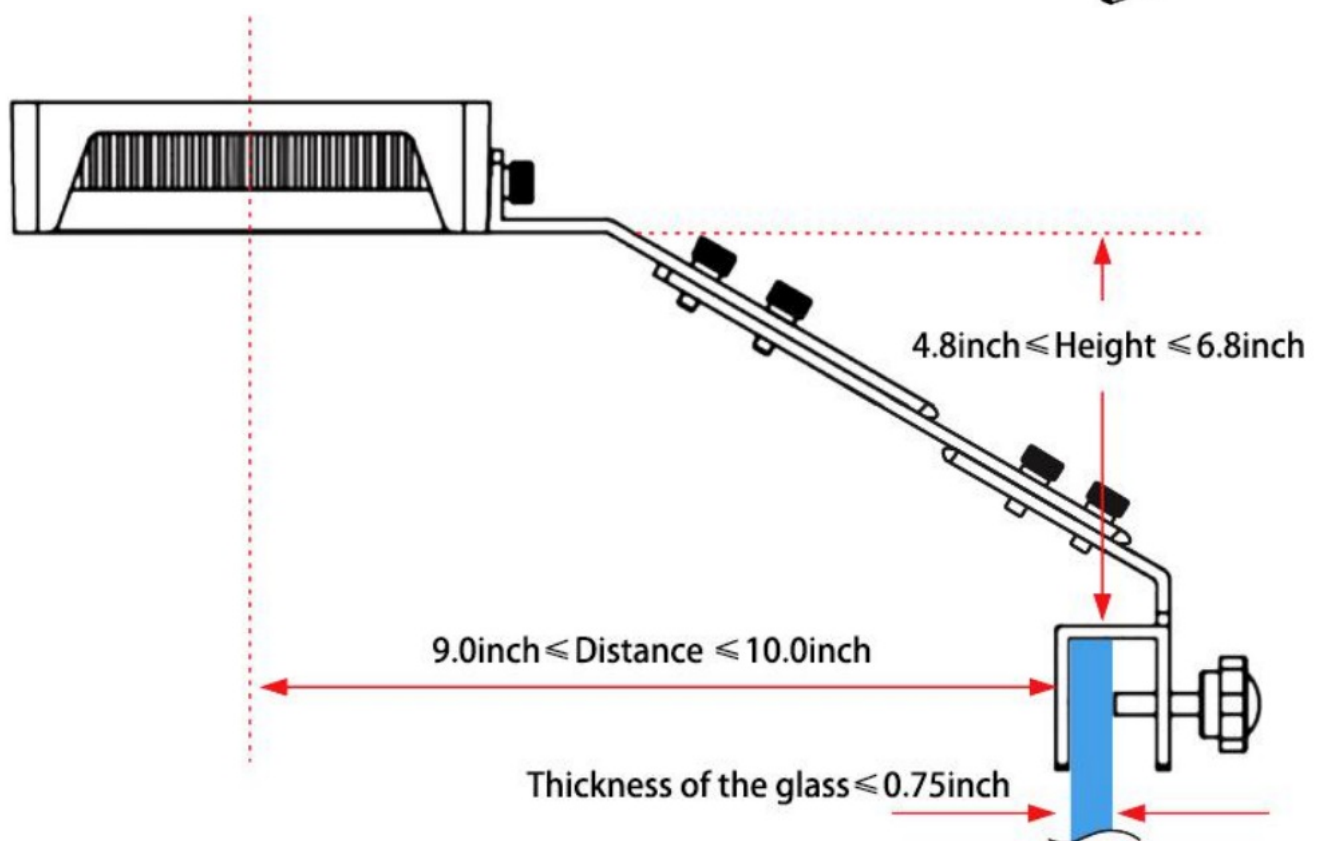
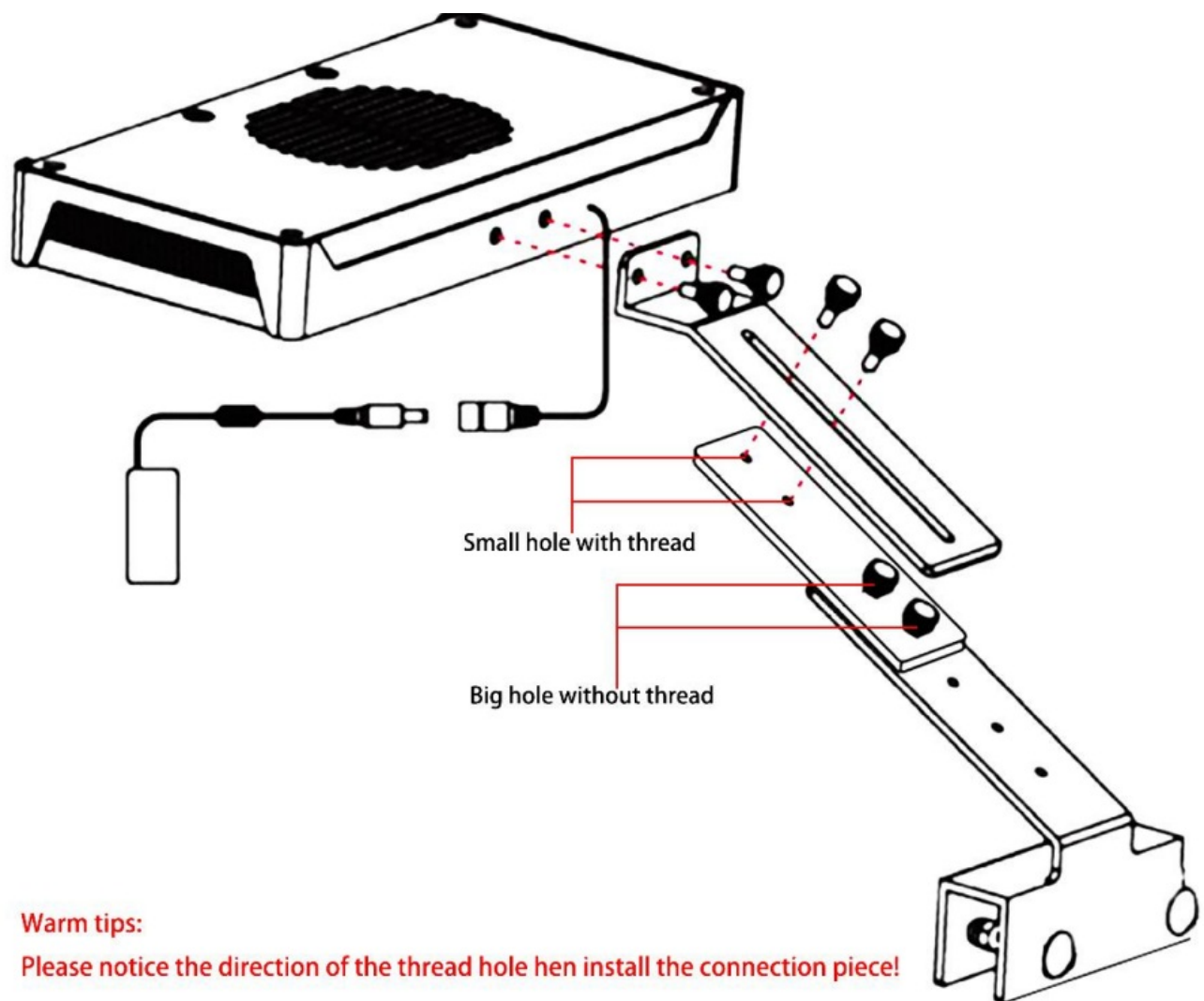
Specification

Item	Specification	Item	Specification
Product model	A029	Input voltage	100 240V-AC
LEDs quantity	9pcs	Single LED wattage	3/5W
Max power	30W	Dimension(mm)	220x110x30
Frequency	50 60Hz	Suitable for	10-18 inch tank
Shell material	E-Plastic	Shell color	Black
Working temperature	0°C to 40°C	Storage temperature	-10°C to 50°C

Spectrum



Assembly Diagram



Instruction

- Turn on/ turn off the light

Click the W button and B button at the same time to turn on or turn off the light.

• Signal channel control

- Click the W button to adjust the brightness of the white channel.
- Click the B button to adjust the brightness of the blue channel.
- The correspondence between the indicators and the brightness of the channel is shown below:

SN.	Diagrammatic drawing	Indicator light	Brightness of the channel that we are dimming(W/B)
1		L1 on, L2 & L3 off	20%
2		L2 on, L1 & L3 off	40%
3		L3 on, L1 & L2 off	60%
4		L1 & L2 on, L3 off	80%
5		L1 & L2 & L3 on	100%
6		L1 & L2 & L3 off	0%

• Timing function



Touch button to set the time schedule per day.

Correspondence between the indicator light and the time set:

SN.	Diagrammatic drawing	Indicators	Working Hours Per Day
1		L1 on, L2 & L3 off	8h
2		L2 on, L1 & L3 off	12h
3		L3 on, L1 & L2 off	14h
4		L1 & L2 on, L3 off	24h
5		L1 & L2 & L3 on	24h

NOTICE!

- Indicator will go off after 5 minutes if no operation. And it turn on when any button touched.
- Indicator mainly show time schedule. It can also indicate brightness when W or B button touched.
- All the 3pcs of indicators will flicker at the same time when switching between timer and the W/B button.
- Timing start when AC power on. The sunrise time is the clock of AC power on.
- Sunrise and Sunset time both 30 minutes.

1. Factory setting of A029 as below


- Brightness of blue channel: B=100%
- Brightness of white channel: W=100%
- Time: 24hours

That means the light will full on for 24 hours/day.

2. Timer function

1. Support 8H, 10H, 12H, 14H and 24H per day for choose.

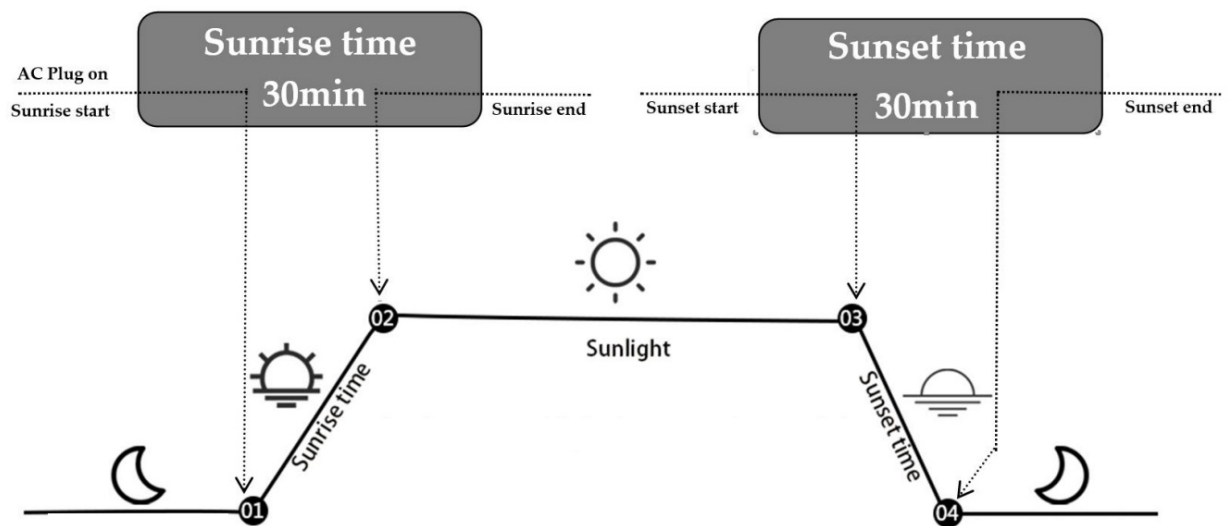


Touch the  button to set the working hours you wanted. (Working hours per day.)

2. Please note that the timing start when we plug on the light and the sunrise time start at the same time.
3. The lamp will run sunset function before turning off.
4. The sunrise and sunset time both 30minutes.

3. Built-in Sunrise, Sunset function

- The built-in sunrise/sunset function simulates nature sunrise and sunset, the brightness of the light will change slowly at the start and at the end of working time. e.g., if setting light run 10 hours/day from 7:00 am(AC plug on time) and brightness are 80%.
- The brightness of the light changed from 0% to 80% between 7:00-7:30
- The brightness of the light keep 80% between 7:30-16:30
- The brightness of the light changed from 80% to 0% between 16:30-17:00
- Sunrise and Sunset duration is fixed 30minutes.
- Sunrise time is started when AC plug on. So if customer want sunrise is 7:00 am, need do AC plug on at 7:00am.



4. Setting Auto-save function

- This light has a memory function, all the data (Channel Brightness & Working hours) that we set can't be lost when the power is cut.
- The light will run based on the setting when powered on again. The sunrise function will first run for 30 minutes.
- The sunrise time is changed based on the AC plug on time.

5. Check the setting data

Touch the corresponding button, the indicators will show the setting data.

For example,

Touch the W button, L1&L2 on, L3 off, and then we can judge the setting brightness is 80%.

Touch the timer button, L1&L2 on, L3 off, then we could judge working hours is 10H.

Troubleshooting

Why does the fan stop working when the brightness of the light is 0%?

- It will work only when the light is working.
- The fan will stop working when the light or the brightness of the two channels is both 0%.

What are the installation steps of A029?

1. Step 1: Assemble the bracket and the light together
2. Step 2: Install the light on your tank
3. Step 3: Put the plug into an outlet

Install the light first, then put the plug into the outlet, DON'T MAKE IT INVERSE!

Could the light work with a timer?

- No need extra timer.
- This light has timer function itself.

Warranty

No damage to human factors, 365-day warranty, and life-long technical support! If any doubts or problem with our product, please do not hesitate to contact us!

HOW to contact Us

- **M Email:** info@hipargero.com
 - **Email:** sales@hipargero.com
 - **Website:** www.hipargero.com
 - **Send a message via Amazon** All the emails will replied to within 24 hours! Contact us at anytime you need help!
- Learn more about Hipargero at www.hipargero.com

FAQs

What is the power consumption of the Hipargero A30 LED Aquarium Light?

The Hipargero A30 LED Aquarium Light uses 30 watts of power, offering energy-efficient lighting for your aquarium while ensuring optimal brightness.

What type of LEDs does the Hipargero A30 LED Aquarium Light use?

The Hipargero A30 LED Aquarium Light uses high-quality LEDs, including royal blue, blue, white, and violet LEDs, which help mimic the deep-sea environment and promote coral health.

What is the size compatibility of the Hipargero A30 LED Aquarium Light?

The Hipargero A30 LED Aquarium Light is compatible with nano tanks ranging from 5 to 20 gallons, with a recommended tank size of up to 18

What is the material of the Hipargero A30 LED Aquarium Light?

The Hipargero A30 LED Aquarium Light is made from high-quality aluminum and plastic, ensuring durability and effective heat dissipation.

How does the sunrise/sunset function work on the Hipargero A30 LED Aquarium Light?

The Hipargero A30 LED Aquarium Light features a sunrise and sunset function that gradually increases the brightness from 1% to the set level over 30 minutes, simulating natural light transitions.

What is the lifespan of the Hipargero A30 LED Aquarium Light?

The Hipargero A30 LED Aquarium Light has a long lifespan, with the LEDs lasting up to 50,000 hours, providing reliable lighting for your aquarium over time.

How do I adjust the brightness on the Hipargero A30 LED Aquarium Light?

You can easily adjust the brightness on the Hipargero A30 LED Aquarium Light by using the touch control buttons for the white and blue channels, allowing you to fine-tune the lighting intensity.

What is the noise level of the Hipargero A30 LED Aquarium Light?

The Hipargero A30 LED Aquarium Light operates with a very low noise level, thanks to its two-roller silent fan system, maintaining noise levels below 44.7 dB(A).

What type of warranty does the Hipargero A30 LED Aquarium Light come with?

The Hipargero A30 LED Aquarium Light comes with one-year quality assurance and a 30-day free replacement policy, ensuring peace of mind for your purchase.

Can I use the Hipargero A30 LED Aquarium Light for freshwater aquariums?

While the Hipargero A30 LED Aquarium Light is designed primarily for saltwater reef tanks, it can also be used for freshwater aquariums, particularly those with aquatic plants or marine fish that benefit from the light spectrum.

How do I install the Hipargero A30 LED Aquarium Light on my tank?

The Hipargero A30 LED Aquarium Light comes with an adjustable bracket that easily fits on tanks with a width of 10 to 18 and a glass thickness of up to 0.8. It's a simple plug-and-play installation process.

What is the ideal placement for the Hipargero A30 LED Aquarium Light?

The Hipargero A30 LED Aquarium Light should be placed above the aquarium, ensuring that it provides uniform coverage across the tank's surface. It is best suited for nano tanks with an open top.

How do I control the sunrise and sunset features on the Hipargero A30 LED Aquarium Light?

To activate the sunrise and sunset features on the Hipargero A30 LED Aquarium Light, you need to turn on the sunrise switch via the touch controls. This feature simulates natural light transitions by gradually increasing and decreasing the brightness over 30 minutes.

How long does it take for the sunrise feature to complete on the Hipargero A30 LED Aquarium Light?

The sunrise feature on the Hipargero A30 LED Aquarium Light takes 30 minutes to transition from low to full brightness, simulating the natural progression of sunrise.

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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