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› fishkeeper 24/7 Auto-Cycle Smart LED Aquarium Light (Model YUS027-26W) Instruction Manual

fishkeeper YUS027-26W

fishkeeper 24/7 Auto-Cycle Smart LED Aquarium Light

Model: YUS027-26W

INTRODUCTION

Thank you for choosing the fishkeeper 24/7 Auto-Cycle Smart LED Aquarium Light. This manual provides essential information for the safe and efficient operation of your new aquarium light. Please read it thoroughly before installation and use, and retain it for future reference.

SAFETY INSTRUCTIONS

- Always unplug the light from the power outlet before performing any maintenance or cleaning.
- Do not operate the light if it has a damaged cord or plug, or if it is malfunctioning or has been dropped or damaged in any manner.
- Ensure the light is securely mounted on the aquarium to prevent accidental submersion.
- This product is designed for indoor use only. Do not expose to extreme temperatures or direct sunlight for prolonged periods.
- Keep out of reach of children and pets.
- Do not attempt to repair or modify the light yourself. Refer all servicing to qualified personnel.
- The light is IP68 waterproof, meaning the lamp beads are sealed. However, the power adapter and controller are not waterproof and must be kept dry.

PACKAGE CONTENTS

- fishkeeper 24/7 Auto-Cycle Smart LED Aquarium Light
- Extendable Brackets (2 pcs)
- External Controller
- Power Adapter
- User Manual

1. **Attach the Brackets:** Slide the extendable brackets onto both ends of the LED light fixture. Ensure they are securely fitted.
2. **Position the Light:** Place the light fixture on top of your aquarium. Adjust the extendable brackets to fit the width of your tank (suitable for 32-40 inch tanks). Ensure the light is stable and centered.
3. **Connect Power:** Connect the external controller to the light fixture, then plug the power adapter into the controller. Finally, plug the power adapter into a suitable electrical outlet.

24/7 Natural Mode

Mimicking natural light for automatic lighting changes throughout the day to keep your fish and plants healthier and more vibrant.

Note: Under this setting, timer and brightness adjustment are unavailable



Image: The fishkeeper LED Aquarium Light with its extendable brackets attached, ready for placement on an aquarium.

Suitable for 32" - 40" Fish Tanks

Including 2 extendable metal brackets for extending the overall length of the aquarium light up to 40 inches



Image: The fishkeeper LED Aquarium Light positioned on top of an aquarium, illuminating the aquatic environment.

OPERATING INSTRUCTIONS

Your fishkeeper aquarium light features an external controller for easy management of lighting modes, timers, and brightness levels.

Controller Functions:

- **ON/OFF/Mode (M) Button:** Press to turn the light on/off or cycle through different lighting modes.
- **Brightness Adjustment (+/-) Buttons:** Adjust the light intensity (5 levels from 0% to 100%).
- **Timer Button:** Set the duration for DIY modes (6H/10H/12H).
- **24/7 Button:** Activate the automatic 24/7 natural light cycle mode.

24/7 Natural Mode:

This mode mimics natural outdoor sunlight, promoting healthier plant and fish growth. Once activated, timer and brightness adjustments are unavailable.

- **Sunrise (8 AM - 10 AM):** Gradual orange light.
- **Daylight (10 AM - 10 PM):** Bright white light.
- **Moonlight (10 PM - 11 PM):** Blue light.
- **Off (11 PM - 8 AM):** Light remains off.

You can set the initial running time for the 24/7 cycle using the dedicated button on the external controller.



Image: Visual representation of the 24/7 Natural Mode, showing the progression of light colors and intensity throughout the day.

8 RGB Colors DIY Mode:

Customize your aquarium's lighting with 8 rich colors and adjustable settings.

- **Available Colors:** White, Blue, Red, Green, Fuchsia, Orange, Cyan, and an all-color cycle.
- **Timer Settings:** Choose between 6H, 10H, or 12H duration for your selected color mode.
- **Brightness Levels:** Adjust brightness in 5 levels from 0% to 100%.

8 Lighting Modes for DIY

Covers almost all the light spectrum required for healthy growth of plants and fish.



Image: Illustration of the 8 RGB color options and 5 brightness levels available in DIY mode.

Official Product Videos:

Video: Overview of the fishkeeper Smart 24/7 Full Spectrum Planted Aquarium Light, showcasing its features and benefits for aquatic life.

Video: Demonstration of the 24/7 Auto Sunrise/Moonlight Cycle and the 8 Colors Light DIY Timer functions.

Video: Highlights the 3 Color Lighting Modes and the 5 Column Lamps design of the aquarium light.

Video: Detailed look at the fishkeeper Full Spectrum LED Fish Tank Light, emphasizing its benefits for plant growth.

MAINTENANCE

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

- **Cleaning:** The lamp beads are IP68 waterproof and sealed, allowing for safe cleaning. Before cleaning, always

unplug the light. Use a soft, damp cloth to wipe the light fixture. Do not use abrasive cleaners or solvents.

- **Inspection:** Periodically inspect the power cord, adapter, and controller for any signs of damage. If any damage is found, discontinue use and contact customer support.

BLACK • ALUMINUM ALLOY DESIGN

Faster heat dissipation, scratch resistance, fashion & cool!



Image: A close-up view highlighting the IP68 waterproof sealing of the fishkeeper LED Aquarium Light, demonstrating its resistance to water.

TROUBLESHOOTING

If you encounter any issues with your fishkeeper aquarium light, please refer to the following common troubleshooting steps:

- **Light Not Turning On:**
 - Check if the power adapter is securely plugged into both the controller and the wall outlet.
 - Ensure the controller is properly connected to the light fixture.
 - Verify the wall outlet is functional by plugging in another device.
- **Incorrect Light Mode/Color:**

- Press the 'M' button on the controller to cycle through the available modes.
- If in 24/7 mode, remember that brightness and color are automatically controlled.

- **Brightness Issues:**

- Use the '+' and '-' buttons on the controller to adjust brightness.
- Ensure the light is not in 24/7 mode, as brightness is fixed in this setting.

- **Timer Not Working:**

- Ensure you have correctly set the timer duration (6H/10H/12H) in DIY mode.
- For 24/7 mode, the timer is automatic; you only set the initial start time.

If these steps do not resolve the issue, please contact fishkeeper customer support for further assistance.

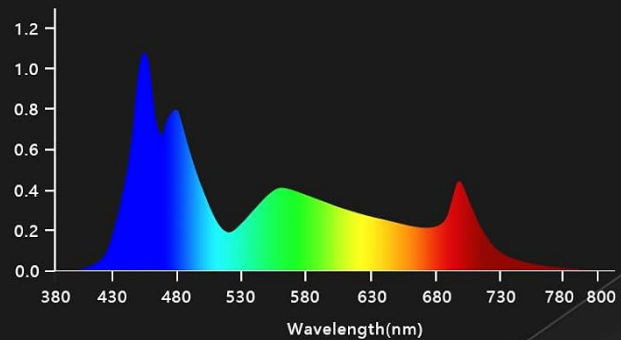
SPECIFICATIONS

Feature	Specification
Model Name	YUS027
Part Number	YUS027-26W
Wattage	26 watts
Brightness	1775 Lumen
Product Dimensions	3.54"D x 31.5"W x 0.41"H
Tank Size Compatibility	32" to 40" in length (with extendable brackets)
Light Source Type	LED (5050 RGB + 5730 LED chips)
Number of Light Sources	100 PCS (RGB:28pcs; White:45pcs; Blue:12pcs; Red:11pcs; Green:4pcs)
Color Rendering Index (CRI)	86
Light Color Options	White, Blue, Red, Green, Fuchsia, Orange, Cyan
Water Resistance Level	IP68 Waterproof (lamp beads)
Material	Aluminum Alloy
Control Method	Push Button (External Controller)
Power Source	Corded Electric
Voltage	24 Volts (DC)
Item Weight	1.7 pounds

Upgrade RGB+5730 LED Chips

for excellent CRI 86%

Power	26W
Lumen	1775lm
Input Voltage	100-240V/50-60Hz
Output Voltage	DC 24V



LEDs: 100pcs

- White LED 45PCS / 6500K
- Blue LEDs 12PCS / 455nm
- Red LEDs 11PCS / 620nm
- Green LEDs 4PCS / 560nm
- RGB LEDs 28PCS / 1775lm

5 Rows Lamps

Compact design & more LEDs than others, super bright

Image: A detailed view of the LED chips used in the fishkeeper aquarium light, along with key electrical specifications.

WARRANTY AND SUPPORT

fishkeeper products are manufactured to high-quality standards. For warranty information or technical support, please refer to the documentation included with your purchase or visit the official fishkeeper website. Please have your model number (YUS027-26W) and purchase date ready when contacting support.