

## Pawfly Pawfly-CW2585-EU

# Pawfly Aquarium LED Light (Model Pawfly-CW2585-EU)

User Manual

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Pawfly Aquarium LED Light. This full-spectrum LED light is designed to enhance your aquatic environment with various lighting modes, including 24/7 natural simulation, D/N mode, and customizable DIY settings. Please read this manual thoroughly before use to ensure proper function and longevity of the product.

## SAFETY INFORMATION

- Always disconnect the power supply before performing any maintenance or installation.
- Ensure the power cord and adapter are not damaged. Do not use if damaged.
- This product is designed for indoor aquarium use only.
- Do not attempt to disassemble or modify the light.
- Keep out of reach of children.
- The light is IP68 waterproof and can be fully submerged. However, the power adapter and controller are not waterproof and must be kept dry.

# IP68 Waterproof

Fully submerge it without damage or electric leakage



Image: The Pawfly Aquarium LED Light fully submerged in water, illustrating its IP68 waterproof design, which allows for complete submersion without damage or electrical leakage.

## PACKAGE CONTENTS

Please check the package for the following items:

- Pawfly Aquarium LED Light
- Power Adapter
- Remote Controller (integrated with power cord)
- Suction Cups for mounting
- Velcro strips for mounting

## SETUP

---

Follow these steps to install your Pawfly Aquarium LED Light:

1. **Choose Mounting Method:** The light can be installed using either the provided suction cups or Velcro strips.
2. **Suction Cup Installation:** Attach the suction cups to the ends of the light fixture. Press the suction cups firmly onto a clean, smooth surface inside your aquarium. Ensure they are securely fastened.
3. **Velcro Strip Installation:** Peel off the protective backing from one side of the Velcro strips and attach them to the light fixture. Peel off the backing from the other side and attach the light to a desired location on the aquarium glass (e.g., under the hood or on the side).
4. **Positioning:** Position the light to achieve optimal illumination for your aquarium. The light is fully submersible, allowing for flexible placement.
5. **Connect Power:** Connect the power adapter to the light's controller and then plug the adapter into a suitable power outlet. Ensure the controller remains outside the water.

# Easy to Install



## Practical Velcro

Handy to fix the light anywhere in the fish tank



## Strong Suction Cup

Always stick tightly to the smooth surface of fish tank



Image: Installation methods for the Pawfly Aquarium LED Light, featuring practical Velcro strips for flexible attachment and strong suction cups for secure placement on smooth aquarium surfaces.

## OPERATING INSTRUCTIONS

The Pawfly Aquarium LED Light features an integrated remote controller for easy operation. Refer to the diagram below for button functions.

# Easy to Use

A simple press to achieve your desired lighting modes

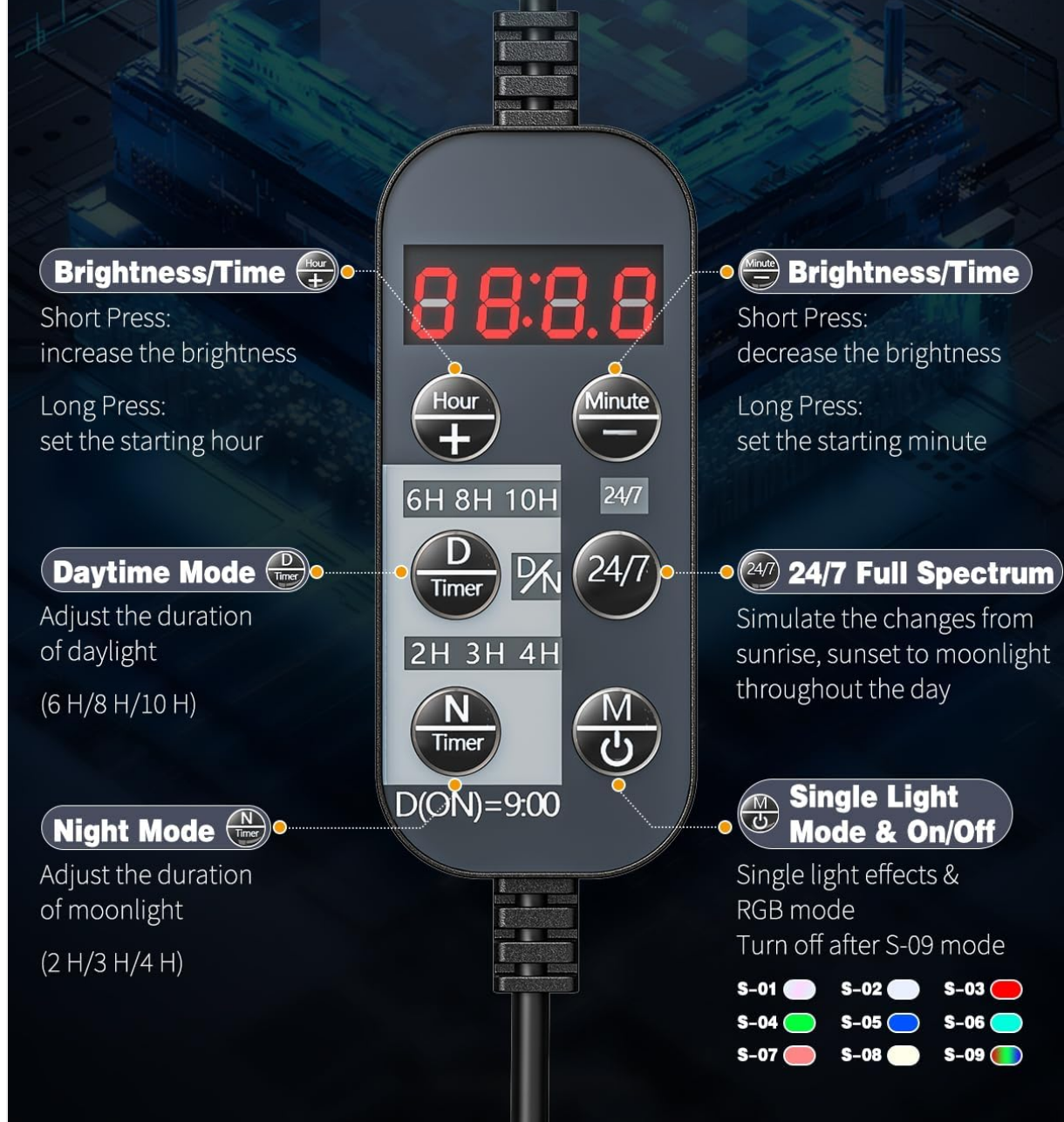


Image: Detailed view of the remote control for the Pawfly Aquarium LED Light, illustrating buttons for brightness adjustment, time setting, D/N mode, 24/7 full spectrum mode, and various single light effects.

## Controller Functions:

- **Brightness/Time Buttons (+ / -):**
  - Short Press: Increase (+) or decrease (-) brightness. There are 10 adjustable brightness levels.
  - Long Press: Set the starting hour (+) or minute (-) for DIY mode.
- **Daytime Mode (D Timer):** Adjust the duration of daylight to 6 hours, 8 hours, or 10 hours.
- **Night Mode (N Timer):** Adjust the duration of moonlight to 2 hours, 3 hours, or 4 hours.
- **24/7 Full Spectrum Mode:** Activates an automatic cycle simulating natural changes from sunrise, sunset, and moonlight throughout the day. The light starts automatically at 6:00 AM and turns off at

10:00 PM.

- **Single Light Mode & On/Off (M / Power Button):**

- Short Press 'M': Cycle through single light effects and RGB modes (S-01 to S-09).
- Press Power Button: Turn the light On/Off.

### **Understanding 24/7 Natural Mode:**

This mode mimics a natural day-night cycle, providing optimal conditions for your aquatic life. The light intensity and color temperature gradually change:

- **06:00 AM:** Orange Light (Sunrise simulation)
- **08:00 AM - 01:00 PM:** White Light (Daylight peak)
- **01:00 PM - 06:00 PM:** White Light (Daylight)
- **06:00 PM - 10:00 PM:** Blue Light (Sunset and Moonlight simulation)
- **10:00 PM:** Light turns off.

# 24/7 Natural Mode

Simulate sunrise, sunset and moonlight to energize fish

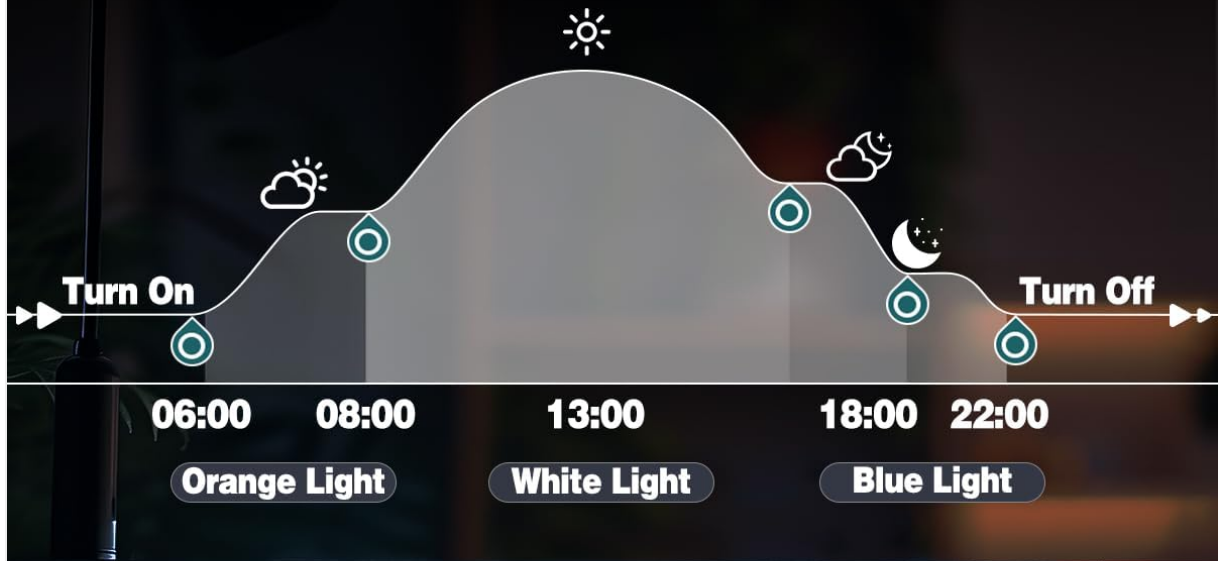


Image: Visual representation of the 24/7 Natural Mode, showing the gradual transition of light from orange (sunrise) to white (daylight) and blue (sunset/moonlight), designed to energize fish and simulate natural conditions.

## MAINTENANCE

- **Cleaning:** Regularly wipe the light fixture with a soft, damp cloth to remove algae or mineral deposits. Ensure the power is disconnected before cleaning. Do not use abrasive cleaners.
- **Power Cord:** Periodically inspect the power cord and adapter for any signs of damage.
- **Storage:** If storing the light for an extended period, clean it thoroughly and store it in a dry, cool place.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, damaged adapter.	Check power outlet. Ensure all connections are secure. Inspect adapter for damage.
Remote control not responding.	Controller malfunction.	Ensure the controller is not wet. Try unplugging and replugging the power.
Light modes not changing.	Incorrect button press, temporary glitch.	Refer to "Operating Instructions" for correct button usage. Unplug and replug the power to reset.

## SPECIFICATIONS

Feature	Detail
Model Number	Pawfly-CW2585-EU
Dimensions	7.3 x 74 x 4.6 cm (28 inches length)
Weight	327 Grams
Material	Glass, Aluminum
Light Source Type	LED (Full Spectrum: 6500K White, 450-495nm Blue, 495-570nm Green, 620-750nm Red)
Color Rendering Index (CRI)	97
Power	14 W
Waterproof Rating	IP68 (Light fixture only)
Power Supply	Corded Electric, ETL-certified adapter
Control Method	Integrated Remote Control
Energy Efficiency Class	F ( <a href="#">View EPREL Data for PSTL-27.4</a> )

# Submersible Tube Light

Perfect blend of  
illumination and dazzling  
lighting shows

**28 in**  
**71 cm**

CRI:  
**97**

Power:  
**14 W**

**1.16 in/3 cm**   **0.6 in/1.5 cm**

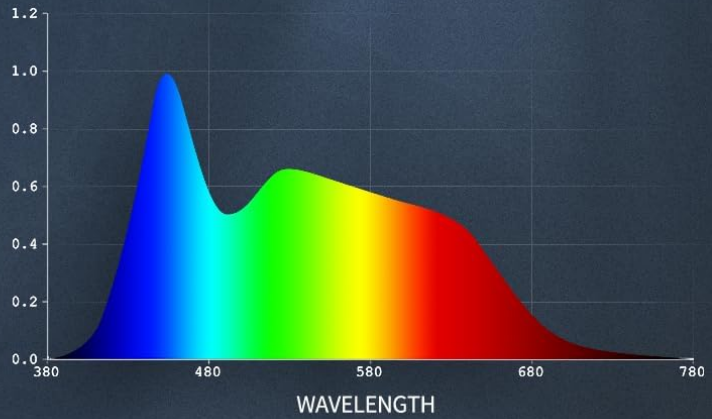
Image: Technical specifications of the Pawfly Submersible Tube Light, including its length (28 inches / 71 cm), width, height, Color Rendering Index (CRI) of 97, and power consumption of 14 Watts.

# Full Spectrum

Imitated natural light for the healthy growth of aquatic lives

## Spectral Waveband

RELATIVE SPECTRUM



**OURS'**



**High Color Rendering Rate**

**OTHERS'**



**Poor Color Rendering**

Image: Illustration of the full spectrum light provided by the Pawfly LED, designed to imitate natural light for healthy aquatic life growth, alongside a spectral waveband graph and a visual comparison of high versus poor color rendering in an aquarium setting.

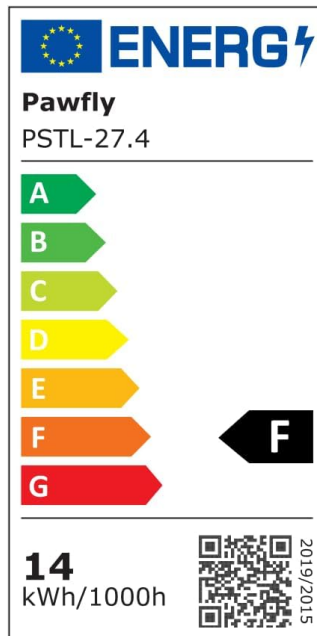


Image: EU Energy Label for the Pawfly Aquarium LED Light, indicating an energy efficiency class of F and an energy consumption of 14 kWh per 1000 hours.

## WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the manufacturer's official website or contact your retailer. Keep your purchase receipt as proof of purchase.