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## Pawfly Pawfly-2502-1

# Pawfly Terrarium Reptile LED Light Instruction Manual

Model: Pawfly-2502-1

## INTRODUCTION

Thank you for choosing the Pawfly Terrarium Reptile LED Light. This manual provides essential information for the safe and efficient operation of your new lighting system. Please read these instructions carefully before installation and use, and retain them for future reference.



Image: Main view of the Pawfly Terrarium Reptile LED Light.

## SAFETY INFORMATION

- Ensure the power supply voltage matches the product's requirements.
- Do not immerse the light fixture in water. The unit is IP67 waterproof, protecting against splashes and vapor, but not submersion.
- Always unplug the light from the power outlet before performing any maintenance or cleaning.
- Keep the light away from flammable materials.
- Do not attempt to disassemble or modify the light. Refer all servicing to qualified personnel.
- This product is designed for indoor use in terrariums or aquariums only.

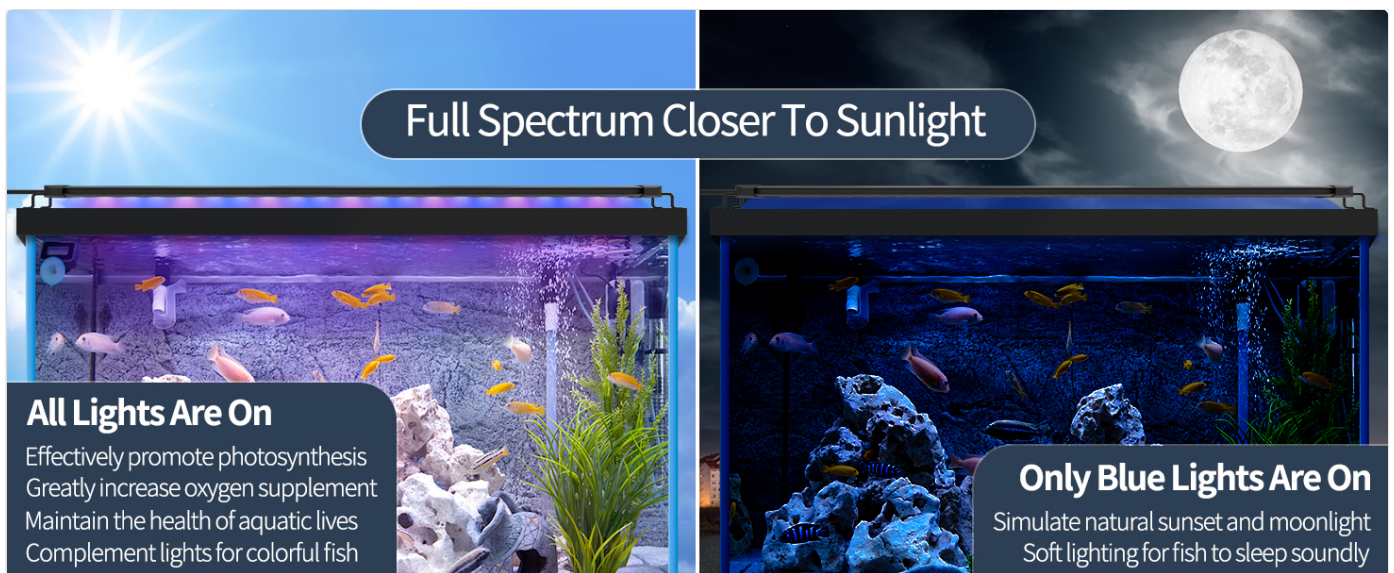


Image: Illustration of the light's IP67 waterproof rating and solid aluminum shell for efficient heat dissipation.

## PACKAGE CONTENTS

Verify that all components are present and in good condition:

- Pawfly Terrarium Reptile LED Light (Model: Pawfly-2502-1)
- Extendable Mounting Brackets
- ETL-certified Power Adapter

## PRODUCT FEATURES

- **Full Spectrum Lighting:** Contains 6500K white light, 450nm blue light, and 660nm red light to reproduce natural colors and support aquatic life. LUX: 3900; PAR: 80; CRI: 90.
- **Two Lighting Modes:** Easily switch between Daytime Mode (all lights on) and Night Mode (blue light only) to simulate natural sunrise and sunset cycles.
- **Adjustable Brightness:** Six intensity levels for both daytime and nighttime modes.
- **Extendable Brackets:** Designed for tanks 24 to 30 inches long, with brackets extending up to 38 inches for secure mounting.
- **Durable Construction:** IP67 waterproof clear board and solid aluminum shell for heat dissipation and protection against moisture.

# Aquarium LED Light

=  
Bring Vitality To  
Underwater Dwellers



Brilliance



Photosynthesis



Oxygenation

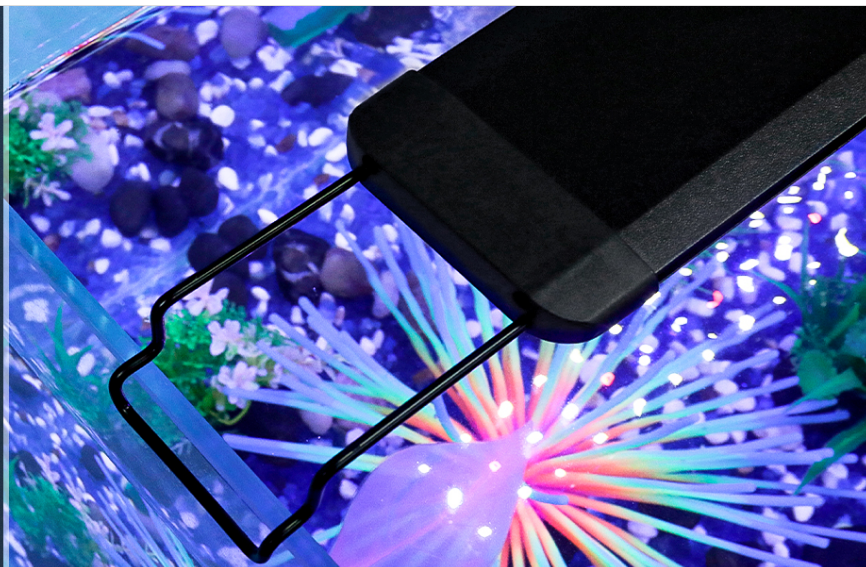


Image: Detailed view of the full spectrum lighting capabilities, including white, red, and blue light wavelengths, and spectral distribution.

## High Color Rendering Rate But Energy Saving

LUX: 3900

PAR: 80

CRI: 90

POWER: 18 W

Electrical Stability

No Light Spot

Excellent Brightness

Even Light Emission



Image: Illustration of the light's extendable design, suitable for tanks between 24 and 30 inches, with dimensions.

## SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove all components from the packaging.
2. **Attach Brackets:** Slide the extendable metal brackets onto both ends of the LED light fixture.
3. **Position Light:** Place the light fixture on top of your terrarium or aquarium. Adjust the extendable brackets to fit the tank's length securely. The light is designed for tanks 24 to 30 inches long.
4. **Connect Power:** Plug the ETL-certified power adapter into the light fixture's power input.
5. **Power On:** Plug the power adapter into a suitable electrical outlet.



Image: Close-up of the sturdy metal brackets, demonstrating their telescopic, detachable, and heavy-duty design for stable support.

## OPERATING INSTRUCTIONS

The light features an inline control panel with three buttons: W (White/Red brightness), M (Mode/On/Off), and B (Blue brightness).

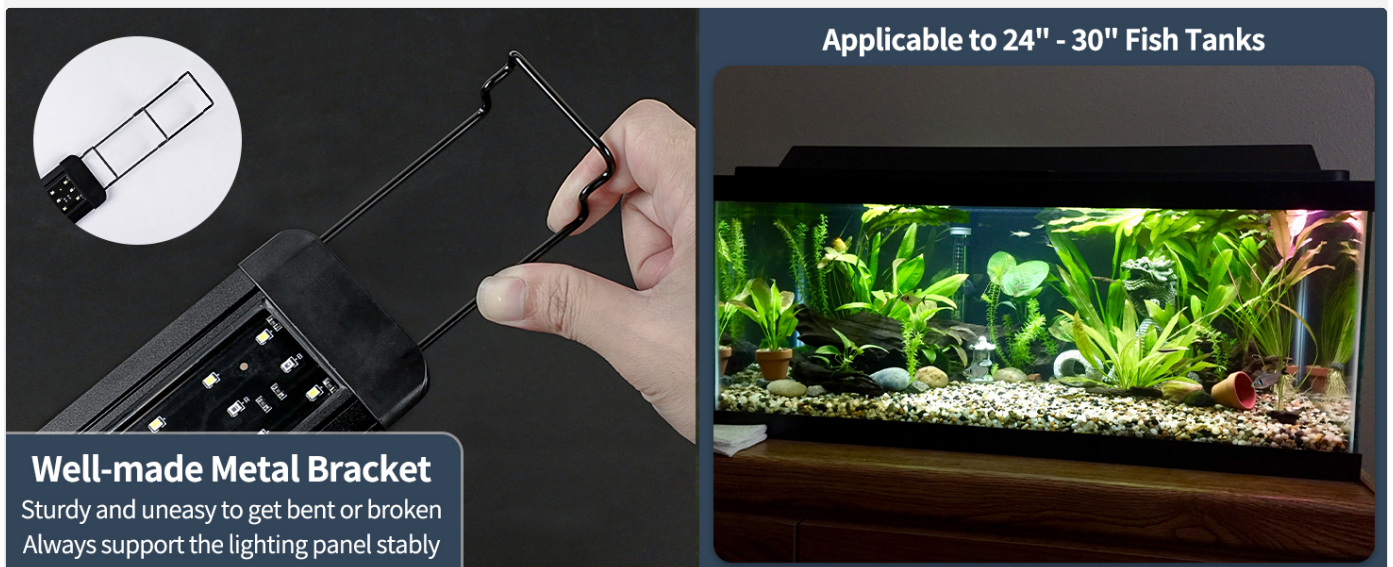


Image: Diagram of the control panel, detailing the functions of the W, M, and B buttons.

### 1. Power On/Off

- **To Turn On:** Short press the **M** button to turn on all the lights.
- **To Turn Off:** Hold the **M** button for 3 seconds to turn all lights off.
- **Resume Last Setting:** Short press the **M** button again after turning off to return to the last used lighting mode and brightness settings.

### 2. Mode Switching

- Short press the **M** button repeatedly to switch between Daytime Mode (all lights on) and Night Mode (blue light only).



Image: Comparison of Daytime Mode (full spectrum) and Night Mode (blue light only) in a terrarium setting.

### 3. Brightness Adjustment (6 Intensity Levels)

- **Daytime Mode:**

- Press the **W** button to adjust the brightness of the white and red lights.
- Press the **B** button to adjust the brightness of the blue light.

- **Night Mode:**

- Only blue light is on. Press the **B** button to adjust the luminance of the blue light.



Image: Visual representation of the six intensity levels for both Night Mode (blue light) and Daytime Mode (white, red, and blue lights).

## MAINTENANCE

- **Cleaning:** Before cleaning, always unplug the light. Wipe the exterior of the light fixture with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.
- **Inspection:** Regularly inspect the power cord and adapter for any signs of damage. If damage is found, discontinue use and contact customer support.
- **Storage:** If storing the light for an extended period, ensure it is clean, dry, and stored in a safe place away from extreme temperatures.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose connection. Faulty adapter.	Check if the power adapter is securely plugged into both the light and the electrical outlet. Try a different outlet. Ensure the M button was short-pressed to turn on.
Lights are dim or not changing brightness.	Incorrect mode selected. Brightness set to minimum.	Ensure you are in the correct mode (Daytime/Nighttime) for the desired adjustment. Press the W or B buttons repeatedly to increase brightness.
Some LEDs are not working.	Individual LED failure.	Contact customer support for assistance. Do not attempt to repair.

## SPECIFICATIONS

Feature	Detail
Model Number	Pawfly-2502-1
Power Source	Corded Electric
Light Source Type	LED
Wattage	18 Watts (for 24-30 inch model)
Color Temperature	6500K (White Light)
Wavelengths	450nm (Blue Light), 660nm (Red Light)
LUX	3900
PAR	80
CRI	90
Product Dimensions	23.22 x 2.95 x 3.14 inches (Light fixture only)
Extendable Bracket Length	Min 24 inches; Max 38 inches
Recommended Tank Length	24 to 30 inches
Material	Plastic, Aluminum
Waterproof Rating	IP67 (Splash and vapor resistant, not submersible)

## WARRANTY AND SUPPORT

**Manufacturer Warranty:** This product comes with a 1-year manufacturer warranty from the date of purchase.

**Customer Support:** For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact Pawfly customer service. Refer to your purchase documentation or the Pawfly official website for contact details.

**Online Resources:** Visit the Pawfly Store on Amazon for additional product information and related accessories.