PopBloom HertzRL60WiFi-White

PopBloom RL60 Full Spectrum Reef Light User Manual

Model: HertzRL60WiFi-White | Brand: PopBloom

1. Introduction

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your PopBloom RL60 Full Spectrum Reef Light. Please read this manual thoroughly before using the product to ensure proper function and safety.



This image displays the PopBloom RL60 Full Spectrum Reef Light in both white and black color options, alongside a smartphone illustrating the mobile application interface for controlling the light's settings.

2. Safety Information

- Always disconnect power before performing any maintenance or installation.
- Do not immerse the light fixture or power supply in water.
- Ensure proper ventilation around the light to prevent overheating.
- Keep out of reach of children and pets.
- Use only the provided power adapter.

3. Package Contents

Verify that all items are present in the package:

- 1x RL60 WiFi Light
- 1x Arm Kit
- 1x Power Supply

- 1x User Manual

This image displays the contents of the PopBloom RL60 WiFi Light package, which includes the WiFi lamp, vertical bar, base & screws, power adapter, and user manual. It also provides a clear, three-step visual guide for installing the arm kit.

4. Setup

4.1. Arm Bracket Installation

Follow these steps to assemble the arm bracket and attach the light:

1. Insert the vertical bar into the base.
2. Insert the lamp into the vertical bar.
3. Manage the cable and screw the base securely.



This image displays the contents of the PopBloom RL60 WiFi Light package, which includes the WiFi lamp, vertical bar, base & screws, power adapter, and user manual. It also provides a clear, three-step visual guide for installing the arm kit: inserting the vertical bar into the base, inserting the

lamp into the vertical bar, and managing the cable while screwing the base.

This video provides a comprehensive overview of the PopBloom RL60 WiFi Reef LED Aquarium Light, demonstrating its features, installation process, and the vibrant lighting effects it produces in a marine fish tank. It includes segments on physical setup and app control.

4.2. App Installation & Connection

The PopBloom RL60 light can be controlled via a smartphone application. Follow these steps to install the app and connect your device:

1. Download and install the Smart Life app from your device's app store (available on App Store and Google Play). You can scan the QR codes provided in the image below or visit https://smartapp.tuya.com/smartlife.
2. Open your phone's Wi-Fi and Bluetooth settings.
3. Open the Smart Life app and tap "Add Device".
4. Connect to your home Wi-Fi network (2.4G WiFi is required).
5. Add and connect to the light.



This visual guide outlines the four simple steps for setting up the PopBloom Smart-APP Light. It shows how to enable WiFi and Bluetooth on a smartphone, open the app to search for the light, connect to the home Wi-Fi network, and finally establish a connection with the light fixture.

5. Operating Instructions

5.1. Smart APP Control

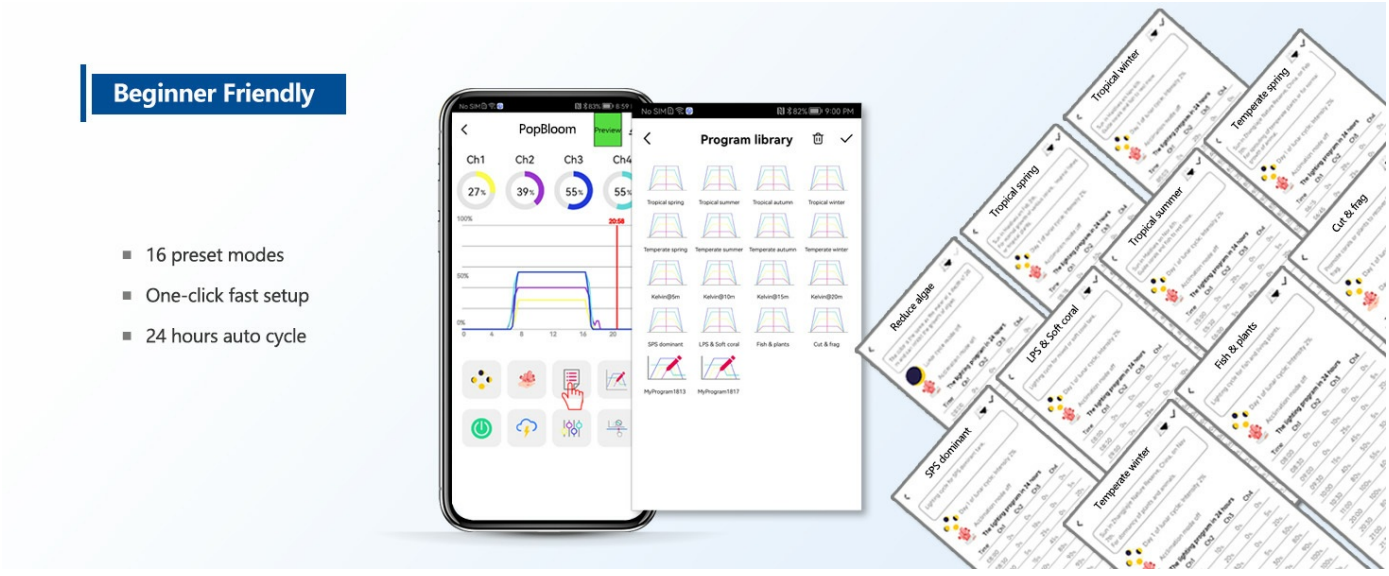
The PopBloom RL60 light offers comprehensive control through its dedicated smartphone application, providing flexibility and ease of use for managing your aquarium's lighting environment.



This image illustrates the user-friendly interface of the PopBloom Smart-APP, allowing for precise control over light intensity and various lighting modes.

5.2. Preset Modes

The app includes 16 preset lighting modes designed for various aquarium needs, offering one-click fast setup and a 24-hour auto cycle.



This image displays the app's program library, offering 16 preset lighting modes to suit different coral and fish requirements, simplifying setup for beginners.

5.3. DIY (Custom) Program

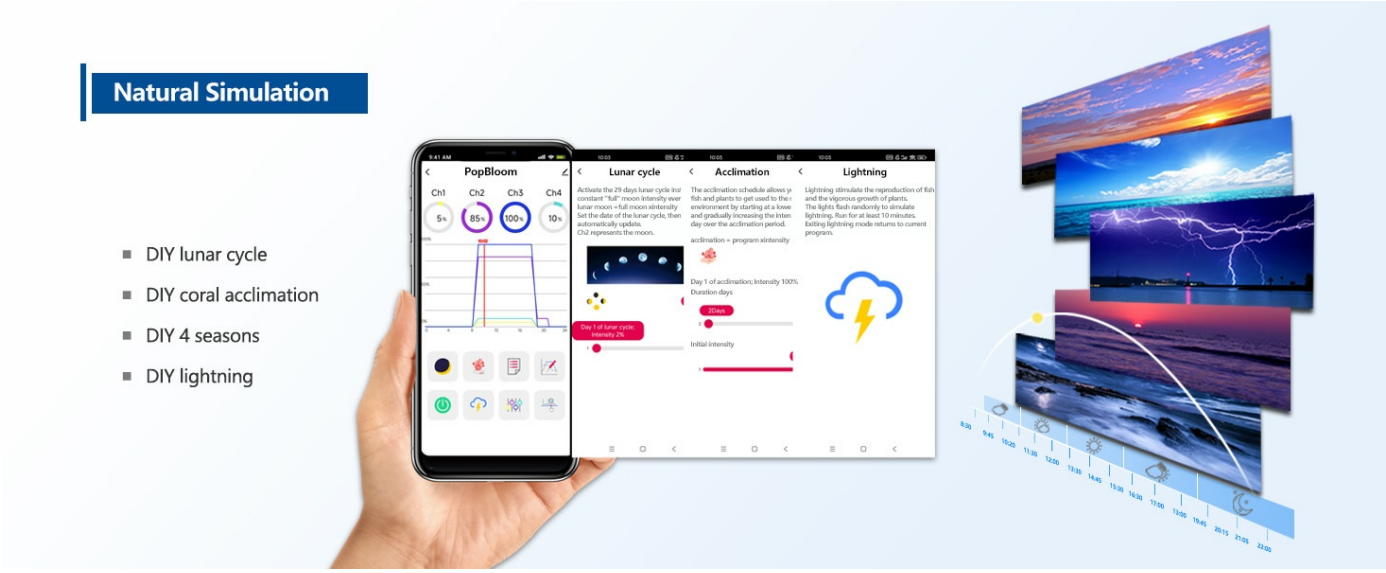
You can create your own custom lighting programs by adjusting the ramp up and ramp down times, and setting the brightness for each of the 4 channels at different time points throughout a 24-hour auto cycle.

This image shows the app's DIY program interface, enabling users to precisely control the light's behavior by setting ramp-up/down times and individual channel brightness for a personalized 24-hour cycle.

5.4. Natural Simulation

The app offers features to simulate natural environmental conditions, including:

- DIY lunar cycle
- DIY coral acclimation
- DIY 4 seasons
- DIY lightning



This image highlights the app's natural simulation capabilities, allowing users to replicate environmental phenomena such as lunar cycles, coral acclimation, seasonal changes, and lightning effects for a more natural aquarium experience.

5.5. Group Control System

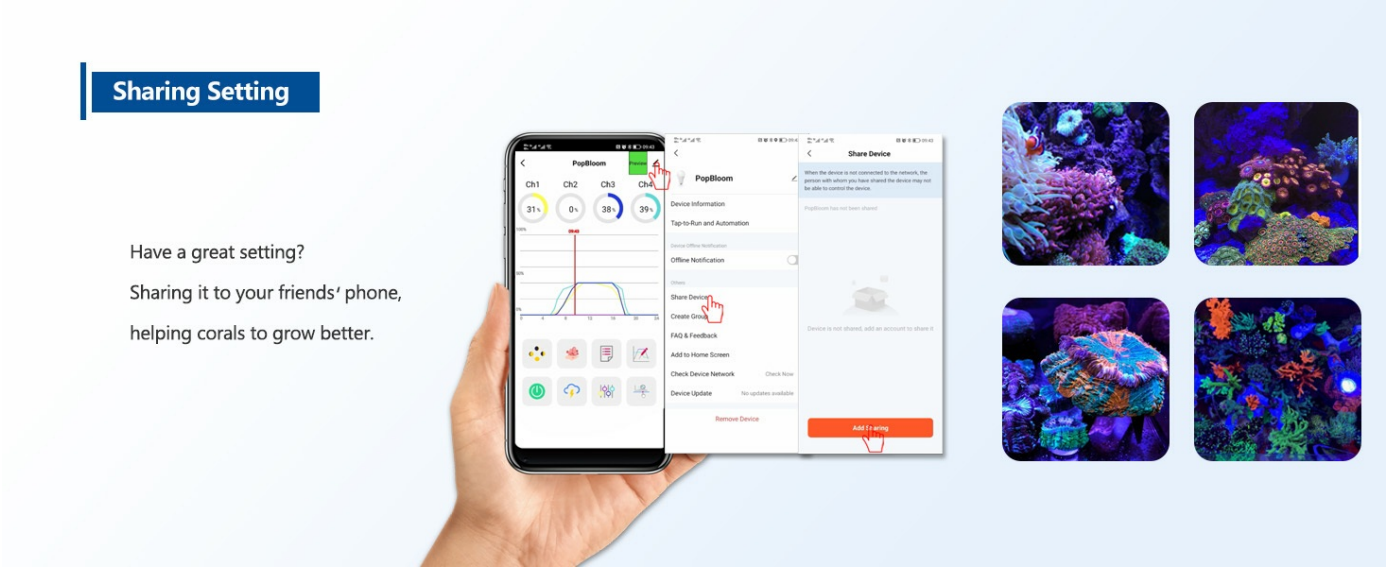
Control multiple PopBloom lights simultaneously with the group control feature. One phone can control up to 12 lights by creating a group within the app.



This diagram demonstrates the PopBloom Group Control System, which enables users to manage multiple RL60 or RL90 lights simultaneously from a single smartphone application via Wi-Fi. It highlights the ability to control lights anytime and anywhere.

5.6. Sharing Settings

Share your customized lighting settings with other users, allowing them to easily apply your successful configurations to their own PopBloom lights.



This image illustrates the app's sharing feature, allowing users to easily share their optimized lighting settings with friends or other aquarists, promoting better coral growth and vibrant tank displays.

6. Specifications

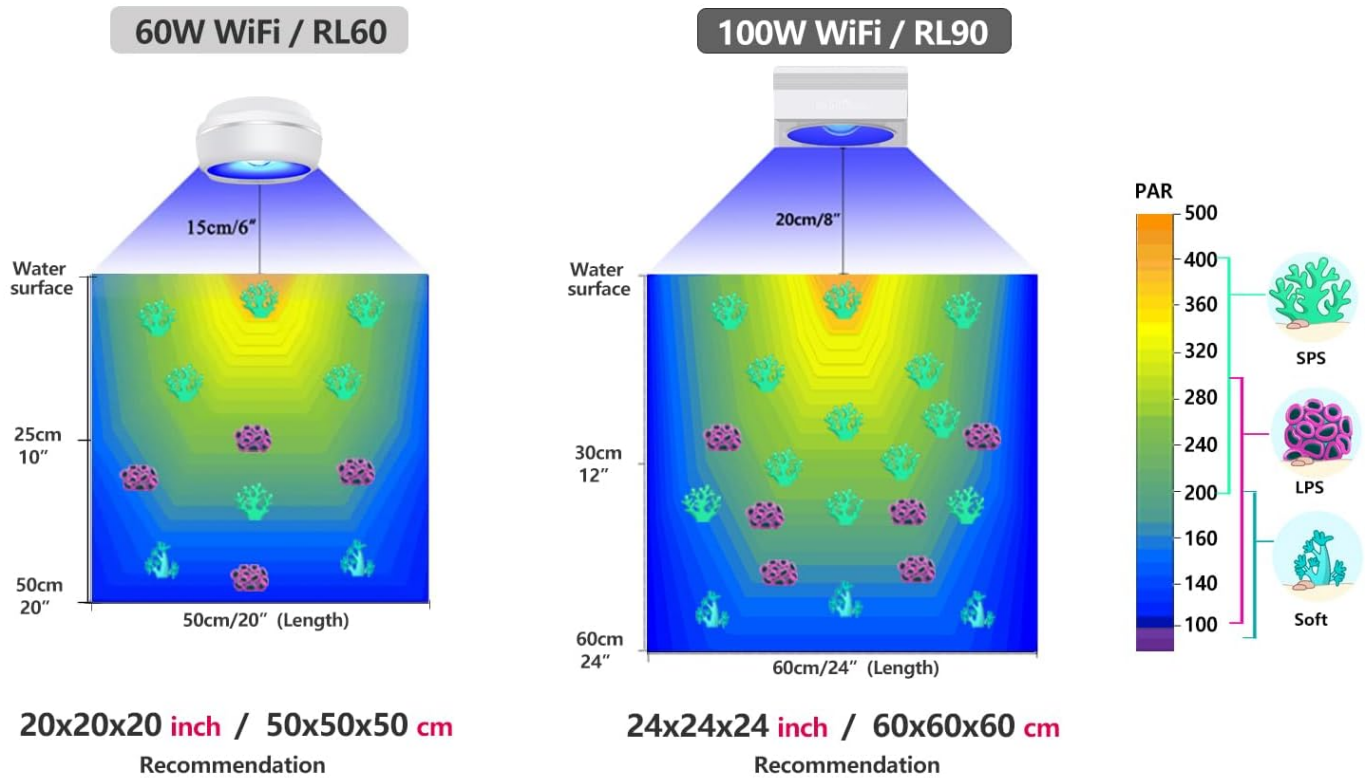
Feature	Specification
Product Dimensions	12"D x 1.7"W x 12"H
Item Weight	2.6 Pounds
Lamp Type	Aquarium Light
Shade Color	Full Spectrum
Shade Material	Aluminum
Switch Type	Touch
Light Source Type	COB
Material	Aluminum, Plastic
Power Source	Corded Electric
Mounting Type	Arm Mounting Kit
Wattage	60 watts
Number of Items	1

Feature	Specification
Control Method	App
Bulb Features	4 Channels Dimmable and Programmable, Better light effect, no light spot at the bottom of the tank., Full Spectrum, The effect is similar to the sunlight sparkling effect, which can restore the real underwater world.



This graphic provides a detailed comparison between the 60W WiFi and 100W WiFi models of the PopBloom reef light, outlining their physical dimensions, PAR values at 60cm depth, and the wattage distribution across their respective light channels (CH1: 12000K White, CH2: Moonlight, CH3: Reef-grow Blue, CH4: Vivid Color).

Even PAR & High Output



20x20x20 inch / 50x50x50 cm
Recommendation

24x24x24 inch / 60x60x60 cm
Recommendation

		Tank Length						
		50cm/20"	60cm/24"	90cm/36"	120cm48"	150cm60"	180cm/72"	240cm/96"
Tank Width	50cm 20"	1x RL60	1x RL90	2x RL60	3x RL60 2x RL90	3x RL90	4x RL90	5x RL90
	60cm 24"		1x RL90	2x RL90	2x RL90	3x RL90	4x RL90	5x RL90
	70cm 28"		1x RL90	2x RL90	3x RL90	4x RL90	5x RL90	6x RL90

This image illustrates the even PAR (Photosynthetically Active Radiation) distribution and high output capabilities of the PopBloom RL60 (60W WiFi) and RL90 (100W WiFi) reef lights. It includes diagrams showing PAR values at various depths for recommended tank sizes (20x20x20 inch for RL60, 24x24x24 inch for RL90), along with a table suggesting light quantities based on tank length and width.

7. Maintenance

7.1. Cleaning

- Regularly wipe the light fixture with a soft, dry cloth to remove dust and salt creep.
- Ensure the fan vents are clear of obstructions to maintain optimal cooling.
- Do not use abrasive cleaners or solvents.

7.2. General Care

- Periodically check all connections for security.
- Avoid exposing the light to direct sunlight or extreme temperatures.

8. Troubleshooting

8.1. Light Not Turning On

- Check if the power adapter is securely connected to both the light and the power outlet.
- Ensure the power outlet is functional.
- Verify that the light is not set to 0% brightness in the app.

8.2. App Connectivity Issues

- Ensure your phone's Wi-Fi and Bluetooth are enabled.
- Confirm your Wi-Fi network is 2.4G.
- Restart the light and your phone, then try connecting again.
- Ensure the light is within range of your Wi-Fi router.

8.3. Fan Noise

The fan noise is rated at 32 dB, which is generally quiet. If you experience excessive noise:

- Check for any obstructions in the fan vents.
- Ensure the light is securely mounted and not vibrating against any surfaces.

9. Warranty and Support

For warranty information and technical support, please refer to the contact details provided on the official PopBloom website or contact your retailer. Keep your purchase receipt as proof of purchase.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question