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Aqueon OptiBright MAX LED Aquarium Light User Manual

Model: 100533615 | Size: 18-24 Inch

Brand: Aqueon

1. INTRODUCTION

The Aqueon OptiBright MAX LED Aquarium Light is designed to provide optimal illumination for freshwater or saltwater aquariums, supporting the growth of low to medium light level plants. This slim, low-profile fixture features bright white, blue Moon Glow, and color-enhancing RGB LEDs, offering extensive customization through an easy-to-use RF remote control. Key features include a 24-hour timer, 10% increment dimming, 8 preset color options, a 3-speed color scroll mode, and automatic 30-minute ramp times for natural sunrise/sunset and moonrise/moonset effects.



Optimal light for freshwater or saltwater fish and low-medium light level plant

Image: An Aqueon OptiBright MAX LED light installed on top of an aquarium, illuminating a vibrant aquatic environment with fish and live plants.

2. SAFETY INFORMATION

- **Electrical Safety:** Always ensure your hands are dry before handling the power adapter or plugging/unplugging the unit. Do not operate if the cord or plug is damaged.
- **Water Resistance:** This product is **NOT WATER RESISTANT**. Avoid direct contact with water. Do not submerge the light fixture or remote control.
- **Indoor Use Only:** This light is designed for indoor aquarium use only. Do not use outdoors or in wet environments other than over an aquarium.
- **Ventilation:** Ensure adequate ventilation around the light fixture to prevent overheating.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Aqueon OptiBright MAX LED Light Fixture (18-24 Inch)
- RF Remote Control

- 2 x AAA Batteries (for remote)
- Power Transformer
- Setup Instructions (this manual)





Image: Box packaging of the Aqueon OptiBright MAX LED Light, 18-24 inches. Shows key features and included items.

4. SETUP

4.1. Installing Remote Control Batteries

1. Locate the battery compartment on the back of the RF Remote Control.
2. Open the compartment cover.
3. Insert the two (2) AAA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

4.2. Mounting the Light Fixture

The OptiBright MAX LED light features adjustable legs to fit various aquarium lengths within the 18-24 inch range.

1. Extend the adjustable mounting legs on both ends of the light fixture to match the length of your aquarium.
2. Carefully place the light fixture on the rim of your aquarium, ensuring it is stable and level. The light should sit securely on the tank edges.
3. Ensure the light is positioned to provide even illumination across the aquarium surface.



Adjustable legs to fit multiple aquarium lengths 18-24"

Image: A close-up view of the adjustable mounting legs on the Aqueon OptiBright MAX LED light fixture, designed to fit various aquarium lengths.

4.3. Connecting Power

1. Connect the power transformer to the light fixture's power input port.
2. Plug the power transformer into a suitable electrical outlet.
3. The light should briefly illuminate or indicate power is connected.

5. OPERATING INSTRUCTIONS

5.1. Remote Control Overview

The RF remote control allows full customization of your OptiBright MAX LED light. It does not require line of sight to operate the fixture.

Dimming capability in 10% increments



Bright LED lighting - white, blue moon glow and color enhancing red/green/blue LEDs

Image: The RF remote control for the Aqueon OptiBright MAX LED light, displaying its screen and various control buttons for white, blue, RGB LEDs, dimming, timer, and preset colors.

- **Power Button:** Turns the light fixture on or off.
- **White ON/OFF:** Toggles white LEDs.
- **Blue ON/OFF:** Toggles blue Moon Glow LEDs.
- **RGB ON/OFF:** Toggles color-enhancing RGB LEDs.
- **+' / '-:** Adjusts brightness in 10% increments or navigates menu options.
- **Set/Enter:** Confirms selections or enters programming modes.
- **Preset Color Buttons:** 8 dedicated buttons for quick access to various color options.
- **Color Scroll Button:** Activates a 3-speed color scroll mode.

5.2. Basic Operation

1. Press the **Power Button** to turn the light on or off.
2. Use the **White ON/OFF**, **Blue ON/OFF**, and **RGB ON/OFF** buttons to activate or deactivate specific LED colors.
3. While a color is active, use the **+' and '-'** buttons to adjust its intensity in 10% increments.

5.3. Setting the 24-Hour Timer

The remote allows individual 24-hour timers for white, blue, and RGB LEDs, including automatic 30-minute ramp times for a natural day/night cycle.

1. Press and hold the **Set/Enter** button to enter timer programming mode.
2. Use the **+' and '-'** buttons to navigate between settings (e.g., White ON time, White OFF time, Blue ON

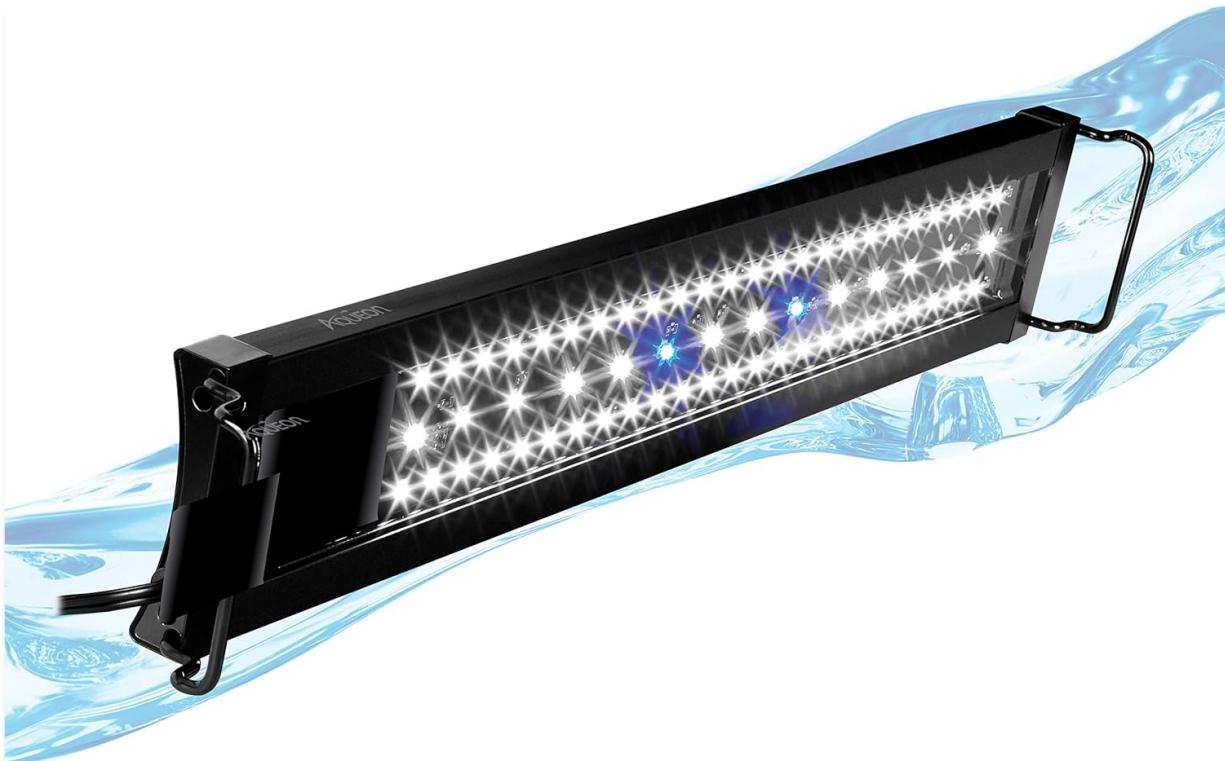
time, etc.).

3. Press **Set/Enter** to select a setting. Use '+' and '-' to adjust the hour and minute. Press **Set/Enter** to confirm each time.
4. Repeat for all desired ON/OFF times for White, Blue, and RGB LEDs.
5. Once all settings are configured, exit programming mode (refer to remote display for confirmation).

Note: Some users have reported that custom intensity settings may be overridden by default 100% intensity when the timer activates the light. If this occurs, manual adjustment after timer activation may be necessary.

5.4. Color Customization

- **Preset Colors:** Press any of the 8 dedicated color buttons to instantly switch to a preset color combination.
- **Color Scroll:** Press the **Color Scroll Button** to activate a dynamic color changing mode. Pressing it repeatedly will cycle through 3 different speeds.



Bright LED lighting - white, blue moon glow and color enhancing red/green/blue LEDs

Image: The Aqueon OptiBright MAX LED light fixture illuminated, showcasing bright white and blue LEDs, positioned over a water surface.

6. MAINTENANCE

6.1. Cleaning the Light Fixture

1. Always unplug the light fixture from the power outlet before cleaning.
2. Use a soft, damp cloth to gently wipe the exterior of the light fixture. Avoid abrasive cleaners or solvents.
3. Ensure no water enters the electrical components. Dry thoroughly before reconnecting power.

6.2. Remote Control Battery Replacement

Replace the AAA batteries in the remote control when the display becomes dim or the remote's range decreases. Follow the instructions in Section 4.1.

7. TROUBLESHOOTING

- **Light does not turn on:**

- Check if the power adapter is securely plugged into both the light fixture and the electrical outlet.
- Ensure the electrical outlet is functional.
- Verify the remote control batteries are correctly installed and have sufficient charge.

- **Remote control is unresponsive:**

- Replace the AAA batteries in the remote control.
- Ensure there are no obstructions between the remote and the light fixture, although it is an RF remote, extreme obstructions can interfere.

- **Timer settings are not working as expected:**

- Re-program the timer settings carefully, ensuring each step is confirmed with the **Set/Enter** button.
- Confirm the current time on the remote is accurate.
- Be aware that custom intensity settings might revert to default when the timer activates the light.

- **Light intensity is too low/high:**

- Use the '+' and '-' buttons on the remote to adjust the brightness of the white, blue, or RGB LEDs.

8. SPECIFICATIONS

Feature	Detail
Model Name	OptiBright MAX LED Light
Item Model Number	100533615
Size	18-24 Inch
Product Dimensions	2.5"D x 23.5"W x 4.5"H
Light Source Type	LED (White, Blue Moon Glow, RGB)
Control Method	RF Remote Control
Power Source	Battery Powered (for remote), AC Adapter (for light)
Remote Batteries	2 x AAA (included)
Material	Plastic, Aluminum
Finish Type	Painted
Water Resistance Level	Not Water Resistant
Indoor/Outdoor Usage	Indoor

9. WARRANTY INFORMATION

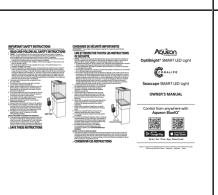
This Aqueon OptiBright MAX LED Aquarium Light is covered by a **1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage resulting from misuse, accident, unauthorized modification, or failure to follow the instructions in this manual.

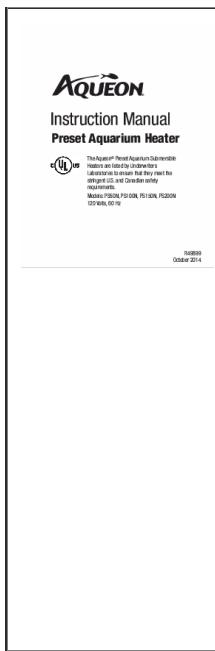
10. SUPPORT

For further assistance, technical support, or warranty inquiries, please contact Aqueon customer service. Visit the official Aqueon website for contact information and additional resources.

[Visit the Aqueon Store on Amazon](#)

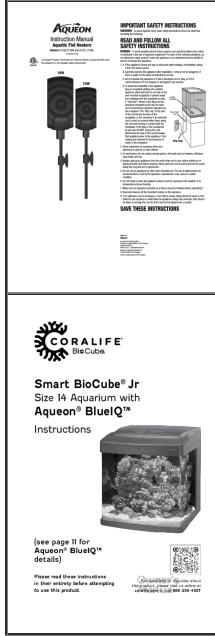
Related Documents - 100533615

	<p>Aqueon OptiBright MAX LED Light Owner's Manual and Instructions</p> <p>Comprehensive guide for the Aqueon OptiBright MAX LED Light, covering installation, remote operation, timer programming, cleaning, and warranty information.</p>
	<p>Aqueon Aquarium Setup Guide: Tips for Success</p> <p>A comprehensive guide to setting up your Aqueon aquarium, including essential tips for lighting, feeding, water changes, placement, gravel, plants, decor, water, filter, heater, and adding fish. Learn how to create a healthy and thriving aquatic environment.</p>
	<p>Aqueon OptiBright & Seascape SMART LED Light Owner's Manual</p> <p>Comprehensive owner's manual for Aqueon OptiBright and Seascape SMART LED aquarium lights, detailing safety instructions, installation, BluelQ app pairing, factory reset, warranty, and FCC compliance.</p>



[Aqueon Preset Aquarium Heater - Installation, Safety, and Warranty Information](#)

Comprehensive guide for installing and using the Aqueon Preset Aquarium Heater, including important safety instructions, troubleshooting tips, and warranty details. Learn how to properly set up and maintain your aquarium heater for optimal performance.



[Aqueon Aquatic Flat Heater: Installation, Safety, and Technical Specifications](#)

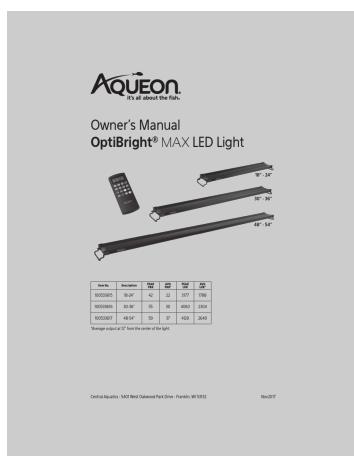
Instruction manual for Aqueon Aquatic Flat Heaters (Models 01230, 01231). Provides essential safety guidelines, operating instructions, technical data, warranty details, and troubleshooting tips for aquarium use.



[Coralife Smart BioCube Jr Size 14 Aquarium with Aqueon BlueIQ Instructions](#)

Comprehensive instructions for setting up, operating, and maintaining the Coralife Smart BioCube Jr Size 14 Aquarium with Aqueon BlueIQ smart technology. Includes safety guidelines, assembly steps, operation details, maintenance procedures, and warranty information.

Documents - Aqueon – 100533615



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Owner s Manual OptiBright MAX LED Light 18 - 24 30 - 36 48 - 54 Item No.

Description PEAK PAR AVG PAR* **100533615** 18-24 42 22 100533616 30-36 55 30 100533617 48-54 59 37 *Average output at 12 from the center of the light. PEAK LUX 3177 AVG LUX* 1788 4063 2304 4120 2649 ...

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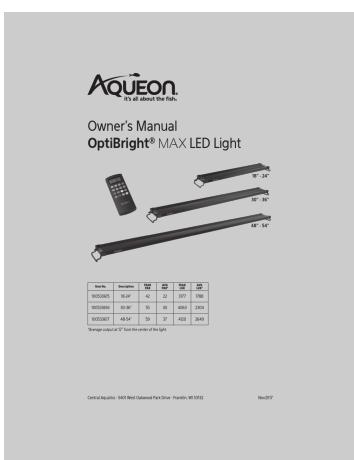
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Owner's Manual OptiBright® MAX LED Light Chewy IMPORTANT SAFETY INSTRUCTIONS Aqueon Red green and blue LEDs are mixed together to create a broad array of colors 8 preset options were created for quick customization Set Enter Use when setting preferred settings using the included remote Initial standard is set white purple RGB FIXTURE INSTALLATION Fixture installation instructions This product recommended use over Important safety WARNING To guard against injury Setting Desired Color Options fixture desired color combination by following steps below 1 White Press turn on 'W' will be displayed screen b buttons adjust intensity only c off 2 179387 Useandcareinstructions V1563978117 AQ OptiBrightMAXLEDs Instructions img chewy content catalog aqueon media files na us lighting aq optibrightmaxleds la en

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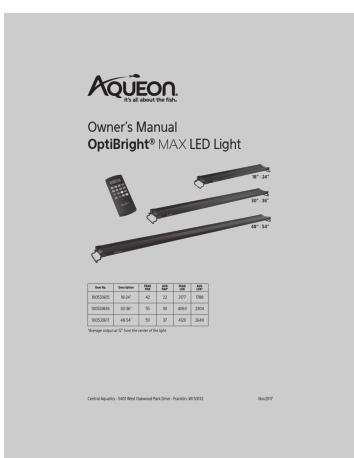
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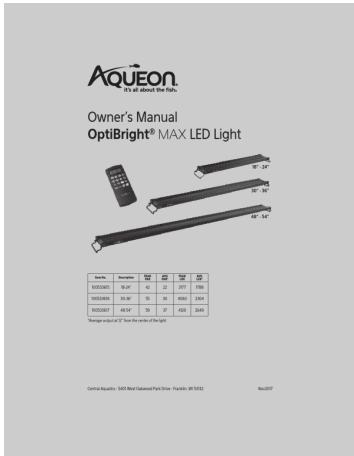
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Owner's Manual OptiBright MAX LED Light 18 - 24 30 - 36 48 - 54 Item No.

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[Aqueon OptiBright MAX LED Light Owner's Manual and Instructions](#)

Comprehensive guide for the Aqueon OptiBright MAX LED Light, covering installation, remote operation, timer programming, cleaning, and warranty information.

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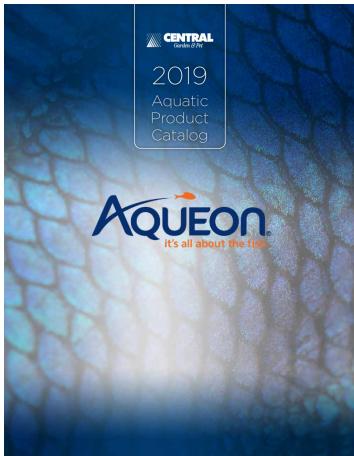
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Dimension Item Dimension L x W x H UPC **100533615** 18-24 10, 15, 20X, 20H, 30X, 16 Bow, 26 Bow 4.375 x 2.375 x 23.25 6 20 x 3 x 1.5 100...

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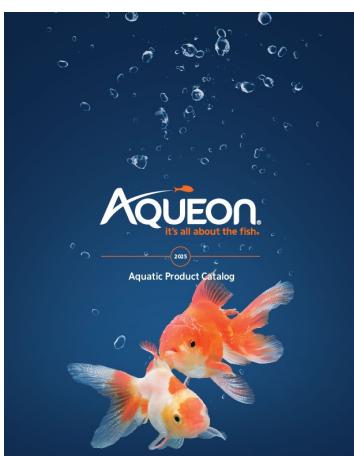
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Aquatic Product Catalog Aqueon Developed by true aquatic hobbyists provides a broad array of aquarium solutions to help maintain healthy life sustaining environments aqueon media files na us catalogs catalog

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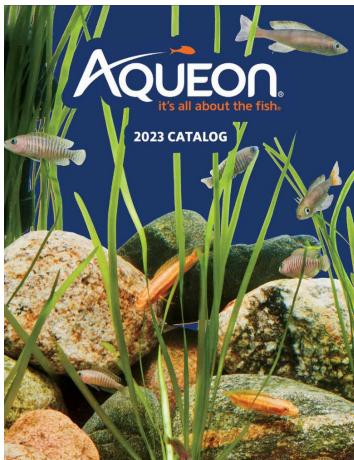


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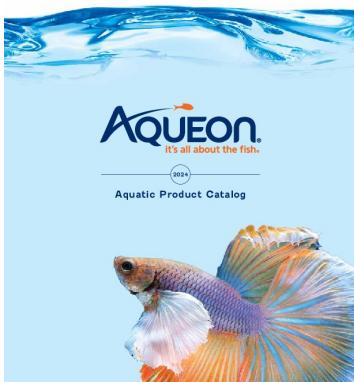


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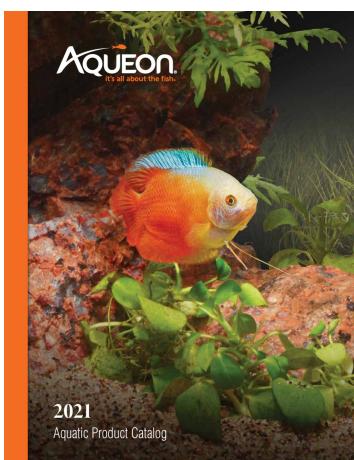


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