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› Current USA Orbit Marine PRO IC Loop LED Aquarium Light (Model 4338) - Instruction Manual

## CURRENT 4338

# Current USA Orbit Marine PRO IC Loop LED Aquarium Light (Model 4338) - Instruction Manual

Model: 4338 | Brand: CURRENT

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## 1. INTRODUCTION AND OVERVIEW

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The Current USA Orbit Marine PRO IC Loop LED Aquarium Light is designed to provide advanced lighting and control for saltwater reef and marine aquariums. This system features dual LED fixtures for vibrant, full-color spectrum lighting, optimized for coral growth and fluorescence. Integrated Bluetooth app control allows for wireless programming and management of lighting modes, eFlux wave pumps, and flow pumps, enhancing the aquarium experience.

## 2. PRODUCT FEATURES

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- **Dual LED Fixtures:** Produces a vibrant, full-color spectrum with up to twice the light output for enhanced coral growth.
- **Optimized Color Spectrum:** A powerful blend of Dual Actinic blue, Dual Daylight white, and RGB LEDs with 90° spherical optical lenses for strong coral growth and amazing fluorescence.
- **Wireless LOOP Control:** Program and control aquarium LED lights, create waves, and manage flow using the intuitive LOOP app on iOS or Android mobile devices via Bluetooth.
- **Dynamic Lighting Modes:** Features spectacular on-demand dynamic lighting modes and binaural audio for an immersive experience.
- **Ultra-Slim Design:** Measuring less than ½ inch thick, the fixture is sleek and thermally efficient, requiring no cooling fan for silent operation.
- **Integrated Temperature Monitoring:** The system includes a temperature probe to monitor water temperature, displayed directly in the LOOP app.



Figure 2.1: Optimized color spectrum and control features for the Orbit Marine PRO IC Loop LED light.

### 3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Orbit Marine PRO IC Loop LED Light Fixture (72" model)
- Bluetooth LOOP Controller
- Power Supply
- Temperature Probe
- Mounting Brackets (Adjustable, for tank mounting)
- Velcro (for securing components)
- Instruction Manual

### 4. SETUP INSTRUCTIONS

#### 4.1 Physical Installation

1. Unpack all components and inspect for any damage.
2. Attach the adjustable mounting brackets to the LED light fixture.
3. Position the light fixture securely on your aquarium. Ensure it is centered and stable.
4. Connect the LED light fixture to the Bluetooth LOOP Controller.
5. Plug the power supply into the LOOP Controller and then into a power outlet.
6. Insert the temperature probe into your aquarium water, ensuring the sensor is fully submerged but the cable connection remains dry.



Figure 4.1: The Orbit Marine PRO IC Loop LED light fixture installed on an aquarium.

## 4.2 App Download and Bluetooth Connection

1. Download the "LOOP" app from the Apple App Store (for iOS devices) or Google Play Store (for Android devices).
2. Ensure Bluetooth is enabled on your mobile device.
3. Open the LOOP app. The app will automatically search for available LOOP systems via Bluetooth.
4. Select your LOOP system from the list to connect. You can rename your system within the app settings for easy identification.



Figure 4.2: The LOOP app interface for controlling the aquarium light.

### 4.3 Initial Programming

Upon successful connection, the app will display the main control screen. You can begin programming your lighting schedule and pump settings. Refer to Section 5 for detailed operating instructions.

Your browser does not support the video tag.

Video 4.1: An overview of the LOOP App features and connection process. This video demonstrates how to connect your mobile device to the LOOP system and navigate the app's interface for controlling aquarium devices.

## 5. OPERATING INSTRUCTIONS

### 5.1 Lighting Control via LOOP App

The LOOP app provides comprehensive control over your Orbit Marine PRO LED light:

- **Daily Schedule:** Set custom sunrise, daylight, sunset, and moonlight periods. Adjust intensity and color spectrum for each phase.
- **Custom Colors:** Fine-tune individual LED channels (blue, white, red, green) to achieve desired color rendition.

- **Dynamic Weather Effects:** Activate on-demand weather effects such as cloud cover, lightning storms, and more.
- **Temperature Display:** Monitor your aquarium's water temperature in real-time on the app's main screen.



Figure 5.1: The LOOP controller and app interface, showing various control options for lighting and pumps.

## 5.2 eFlux Wave and Flow Pump Control

If you have compatible eFlux wave or flow pumps connected to your LOOP system, you can control them through the app:

- **Flow Adjustment:** Adjust the flow rate of individual pumps.
- **Wave Modes:** Select from various wave patterns and intensities to simulate natural ocean currents.
- **Feed Mode:** Temporarily pause pumps during feeding times to prevent food from being swept away.
- **Synchronization:** Lights and pumps can be synchronized to work in tandem for specific effects.

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Video 5.1: Demonstration of the Orbit Marine with Bluetooth Loop App. This video highlights the app's capabilities for controlling both lighting and eFlux pumps, including flow adjustments and dynamic effects.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your Orbit Marine PRO IC Loop LED light:

- **Fixture Cleaning:** Periodically wipe the LED fixture and lenses with a soft, damp cloth to remove salt creep, dust, and water spots. Ensure the fixture is unplugged before cleaning. Do not use abrasive cleaners.
- **Controller and Cable Inspection:** Regularly check the Bluetooth LOOP Controller and all cables for signs of wear, damage, or corrosion. Ensure all connections are secure and dry.
- **Temperature Probe:** Clean the temperature probe regularly to ensure accurate readings. Remove any algae or debris that may accumulate on the sensor.
- **App Updates:** Keep the LOOP app updated to the latest version to access new features and performance improvements.

## 7. TROUBLESHOOTING

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If you encounter issues with your Orbit Marine PRO IC Loop LED light, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Light fixture not turning on	No power, loose connection, faulty power supply/controller.	Check power outlet, ensure all cables are securely connected to the light and controller. Verify power supply is functioning.
App cannot connect to LOOP system	Bluetooth off, app not updated, controller out of range, interference.	Ensure Bluetooth is enabled on your device. Update the LOOP app. Move closer to the controller. Restart the app and controller.
Lights flickering or displaying incorrect colors	Loose connection, software glitch, controller malfunction.	Check all cable connections. Restart the LOOP app and controller. If the issue persists, contact customer support.
Temperature readings are inaccurate	Dirty probe, improperly submerged probe, faulty probe.	Clean the temperature probe. Ensure the probe sensor is fully submerged. If readings remain inaccurate, the probe may need replacement.

## 8. SPECIFICATIONS

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Technical specifications for the Current USA Orbit Marine PRO IC Loop LED Aquarium Light (Model 4338):

<b>Specification</b>	<b>Detail</b>
Model Number	4338
Dimensions (L x W x H)	72"L x 72"W x 0.5"H
Material	Metal
Color	White
Light Source Type	Light Emitting Diode (LED)
Number of Light Sources	2
Maximum Compatible Light Source Wattage	144 Watts
Voltage	12 Volts
Power Source	DC
Color Temperature	12000 Kelvin
Mounting Type	Bracket Mount
Control Method	Bluetooth App Control

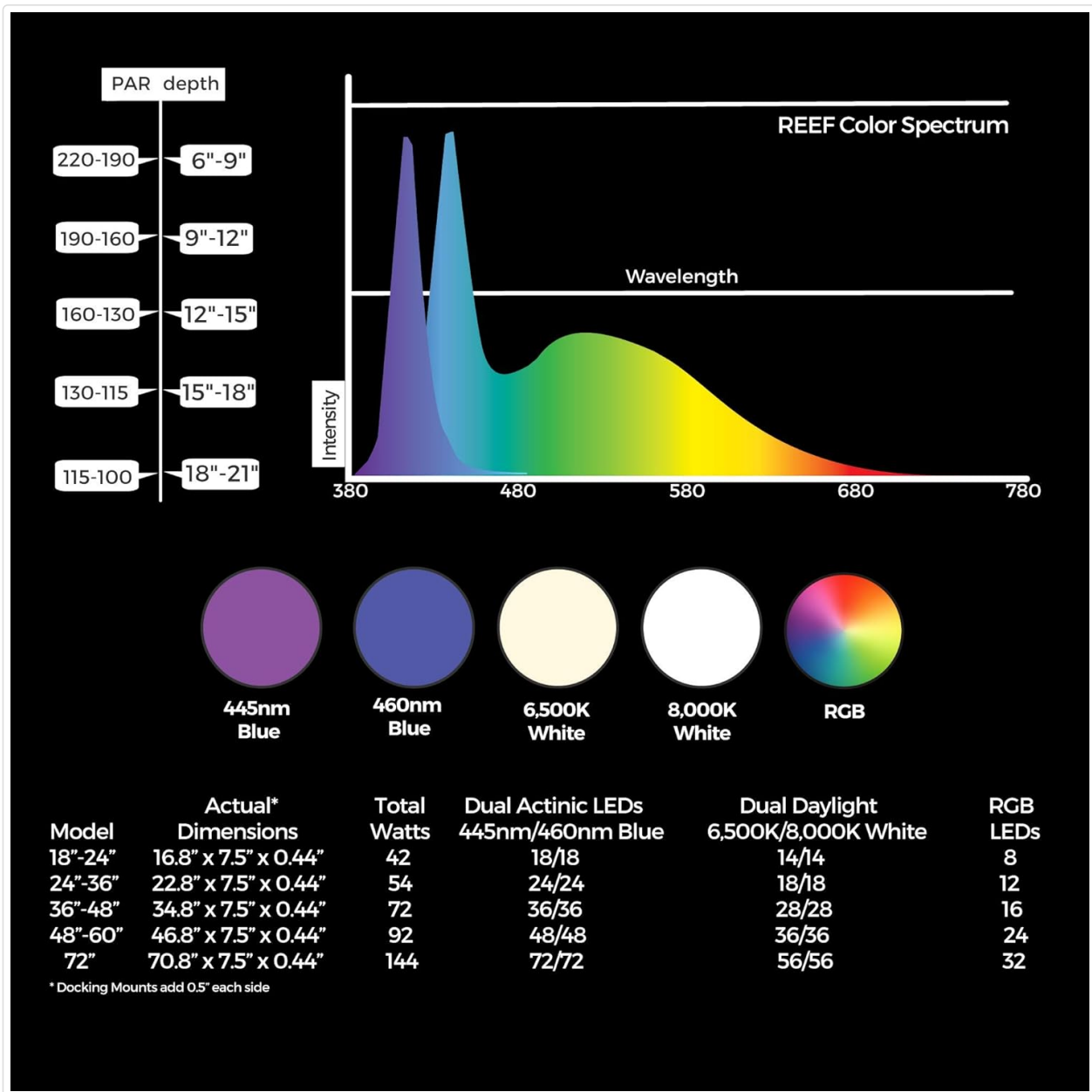


Figure 8.1: PAR depth and LED color spectrum details for the Orbit Marine PRO IC Loop LED light.

## 9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or visit the official Current USA website. Specific warranty terms and conditions may vary.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Current USA customer service directly. Contact information can typically be found on the product packaging or the manufacturer's website.