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## NICREW N14584

# NICREW ClassicLED Gen 2 Aquarium Light Instruction Manual

Model: N14584 (30-36 Inch)

## INTRODUCTION

Thank you for choosing the NICREW ClassicLED Gen 2 Aquarium Light. This advanced LED lighting system is designed to provide optimal illumination for your freshwater or saltwater aquarium, promoting healthy plant growth and vibrant fish colors. Featuring 2-channel control for white and blue LEDs, dimmable settings, and an integrated timer with sunrise/sunset simulation, this light offers comprehensive control over your aquarium's lighting environment. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your product.

## SAFETY INSTRUCTIONS

- Always unplug the light from the power outlet before performing any maintenance, cleaning, or when placing hands in the aquarium water.
- This product is designed for indoor use only. Do not expose to water splashes or immerse in water. It is not water resistant.
- Ensure the power cord is not damaged. Do not operate the light if the cord or plug is damaged.
- Keep the power adapter and controller away from water. A drip loop should be formed with the power cord to prevent water from traveling along the cord and reaching the electrical outlet.
- Do not attempt to disassemble or modify the light fixture. Refer all servicing to qualified personnel.
- Ensure the light is securely mounted on the aquarium to prevent accidental falls.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

## PACKAGE CONTENTS

Please check the package for the following items:

- NICREW ClassicLED Gen 2 Aquarium Light Fixture
- Adjustable Mounting Brackets (2x)

- Inline Controller with Power Cord
- Power Adapter

## SETUP INSTRUCTIONS

1. **Attach Mounting Brackets:** Insert the adjustable mounting brackets into the slots on each end of the light fixture. Ensure they are securely seated.

### More LEDs, 50% Brighter, Wider Coverage

4.3-inch wide light for wider area coverage and uniform lighting without dead spots

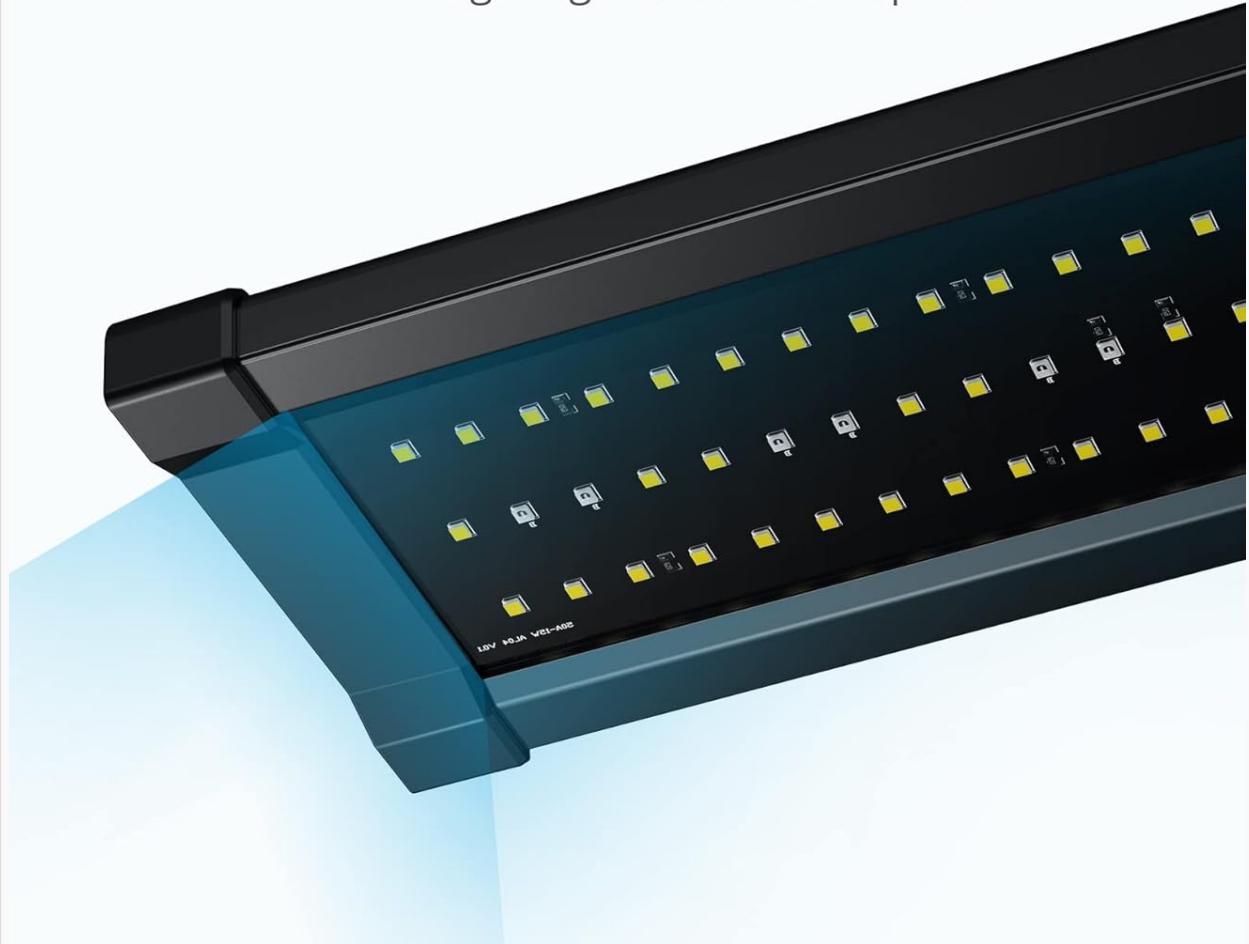


Image: The NICREW ClassicLED Gen 2 light fixture with its adjustable mounting brackets installed on both ends, ready for placement on an aquarium.

2. **Position the Light:** Place the light fixture on top of your aquarium. Adjust the extendable brackets to fit the width of your tank (for 30-36 inch aquariums). Ensure the light is centered and stable.

# Aluminum Alloy Housing

Maximize surface area for high performance in heat rejection

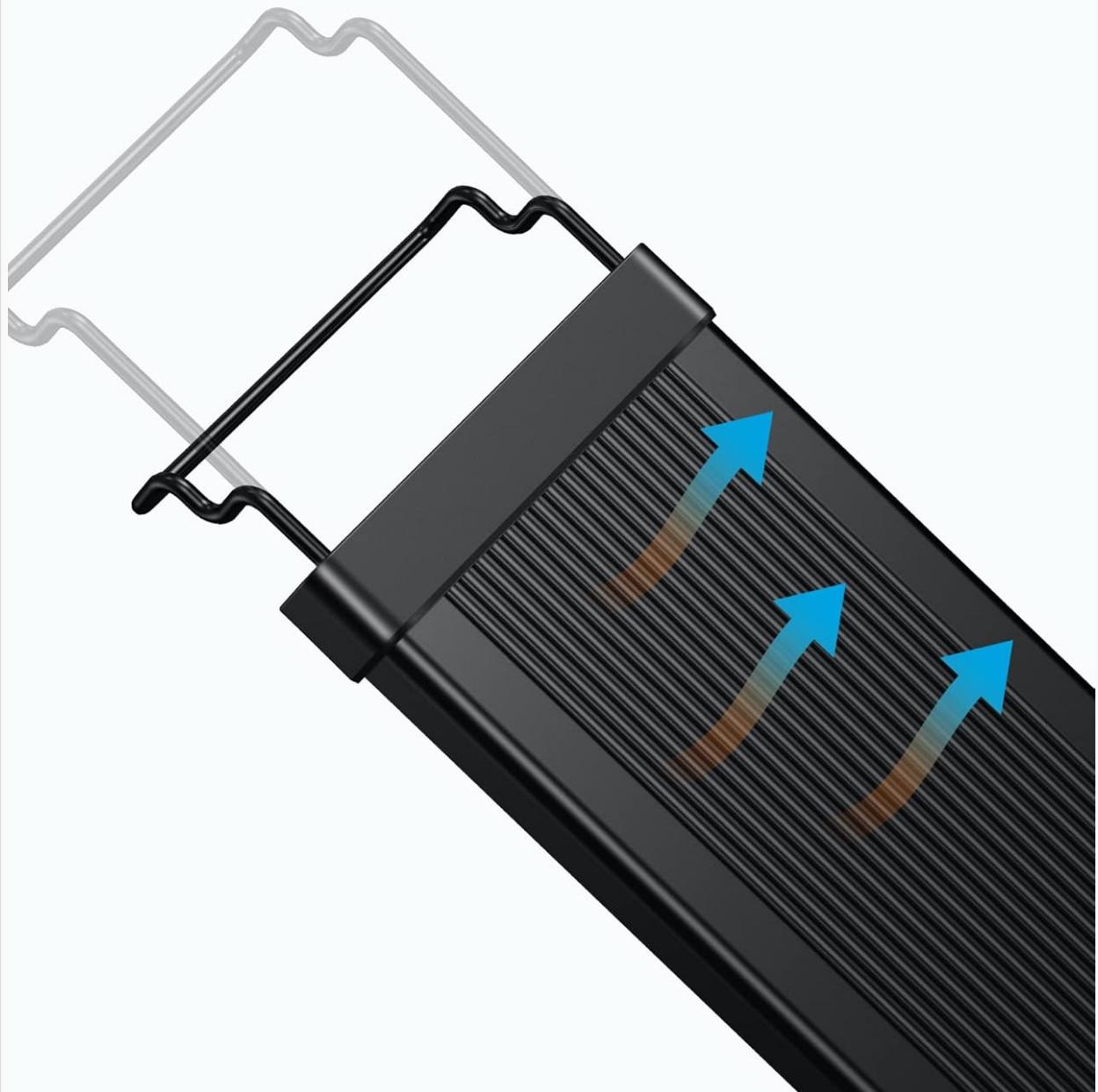


Image: A technical diagram illustrating the dimensions of the NICREW ClassicLED Gen 2 light, including its length and width, and how the adjustable brackets extend to fit various tank sizes.

3. **Connect Power:** Connect the inline controller to the light fixture, then connect the power adapter to the controller. Plug the power adapter into a suitable electrical outlet. Create a drip loop with the power cord to prevent water from reaching the outlet.



Image: The NICREW ClassicLED Gen 2 Aquarium Light, showcasing the light bar and its attached inline controller with buttons for operation.

## OPERATING INSTRUCTIONS

The NICREW ClassicLED Gen 2 features an inline controller for easy operation. Refer to the diagram below for button functions.

# Timer for 8, 10 and 12 Hour On Options

Set it, and forget it!



Image: A close-up diagram of the inline controller for the NICREW ClassicLED Gen 2, labeling the 'W' (white LEDs), 'B' (blue LEDs), timer, and 'M' (mode/power) buttons.

## Button Functions:

- **W Button (White LEDs):** Press to adjust the brightness of the white LEDs. Multiple presses will cycle through different brightness levels.
- **B Button (Blue LEDs):** Press to adjust the brightness of the blue LEDs. Multiple presses will cycle through different brightness levels.
- **Timer Button:** Press to cycle through the built-in timer options (8 hours, 10 hours, 12 hours). The light will automatically turn on and off at the set intervals.
- **M Button (Mode/Power):** Press to switch between daylight mode (white and blue LEDs) and moonlight mode (blue LEDs only). Press and hold for 3 seconds to turn the light ON/OFF.

## Color Temperature Adjustment:

The independent control of white and blue LEDs allows for precise color temperature adjustment. You can lower blue lights for a warmer appearance or increase blue lights for a cooler, more intense look. This feature is useful for highlighting specific fish colors or plant growth.

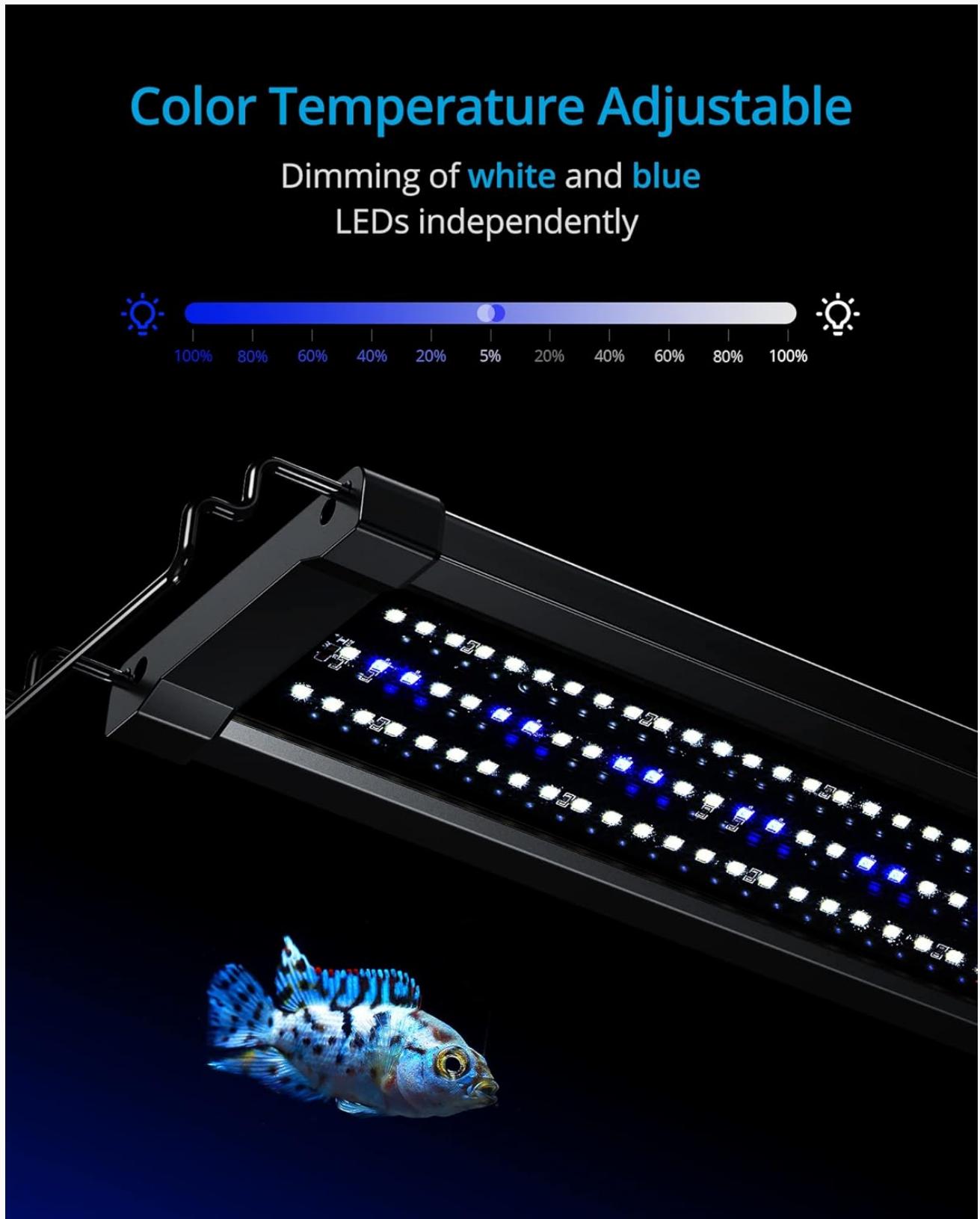


Image: The NICREW ClassicLED Gen 2 light illuminating an aquarium, demonstrating the ability to adjust color temperature by independently dimming white and blue LEDs, ranging from cool blue to bright white.

## Sunrise/Sunset Simulation:

The integrated timer includes a 15-minute ramp-up and dim-down feature. This gradual lighting increase and

decrease simulates natural sunrise and sunset conditions, preventing sudden changes that can startle fish and providing a more natural environment.

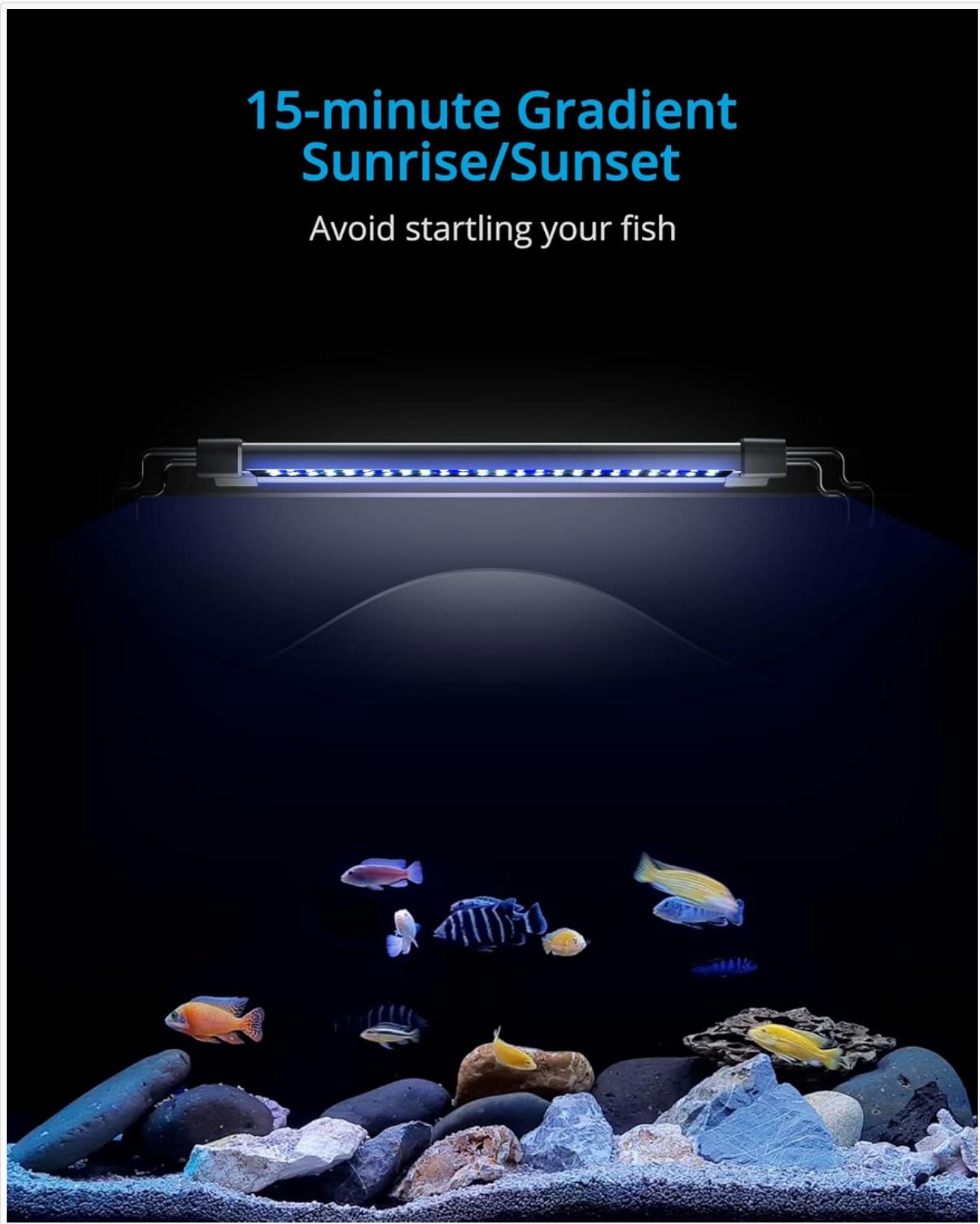


Image: An aquarium illuminated by the NICREW ClassicLED Gen 2 light, demonstrating the 15-minute gradient sunrise/sunset feature with a soft blue glow, designed to avoid startling fish.

## MAINTENANCE

- **Cleaning:** Regularly wipe the light fixture with a soft, damp cloth to remove dust, water spots, and algae buildup. Ensure the light is unplugged before cleaning. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the power cord, controller, and light fixture for any signs of damage or wear.

Replace any damaged components immediately.

- **Heat Dissipation:** Ensure the aluminum alloy housing remains clear of obstructions to allow for proper heat rejection, which is crucial for the light's performance and lifespan.

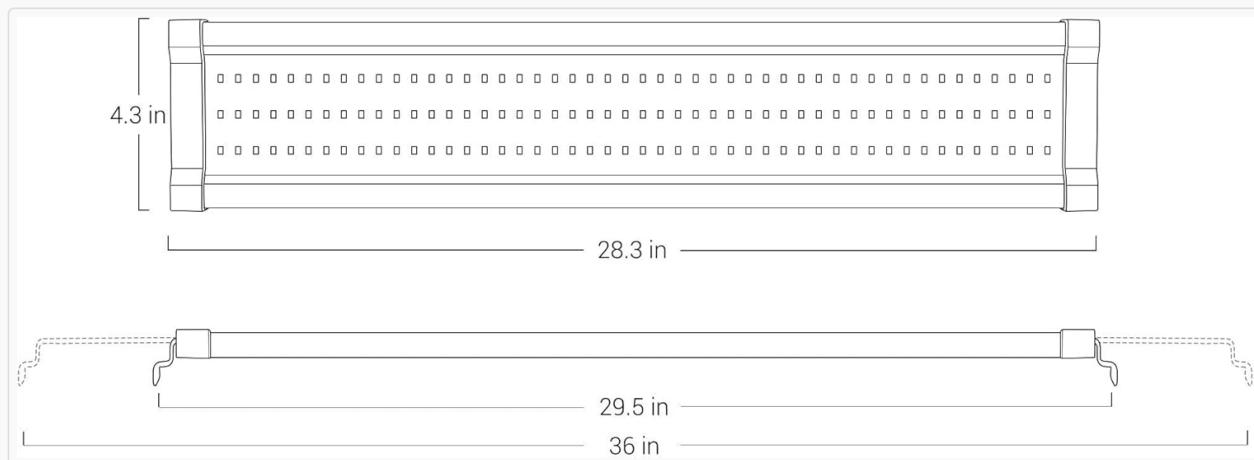


Image: A close-up view of the NICREW ClassicLED Gen 2's aluminum alloy housing, highlighting its finned design for efficient heat dissipation, indicated by arrows showing heat rising away from the fixture.

## TROUBLESHOOTING

| Problem   | Possible Cause  | Solution  |
|---|---|---|
| Light does not turn on.                             | Power cord or adapter not connected properly.<br>Power outlet is not functioning.<br>Light is in OFF state (press and hold 'M' button).<br>Faulty power adapter or light fixture. | Check all connections.<br>Test the outlet with another appliance.<br>Press and hold the 'M' button for 3 seconds to turn on.<br>Contact customer support if the issue persists. |
| One color channel (e.g., blue LEDs) is not working. | Brightness for that channel is set to minimum.<br>Internal component failure.   | Press the corresponding 'W' or 'B' button to increase brightness.<br>Contact customer support.  |
| Timer function is not working as expected.          | Timer not set correctly.<br>Power interruption.   | Re-set the timer using the Timer button.<br>Ensure consistent power supply.   |

## SPECIFICATIONS

|                           |  |
|---------------------------|--|
| <b>Brand:</b>             | NICREW   |
| <b>Model Number:</b>      | N14584   |
| <b>Size:</b>              | 30 - 36 inches (Light length without bracket: 28.3 inches) |
| <b>Wattage:</b>           | 25 Watts   |
| <b>Light Source Type:</b> | LED (White and Blue)                                       |
| <b>Control Method:</b>    | Inline Controller  |

|                                    |  |
|------------------------------------|--|
| <b>Special Feature:</b>            | Dimmable, 2-Channel Control, Built-in Timer (8/10/12H), 15-minute Sunrise/Sunset |
| <b>Material:</b>                   | Aluminum Alloy, Acrylic, Glass   |
| <b>Product Dimensions (LxWxH):</b> | 32.28 x 4.84 x 2.17 inches (approx.)   |
| <b>Water Resistance Level:</b>     | Not Water Resistant  |

## WARRANTY AND SUPPORT

The NICREW ClassicLED Gen 2 Aquarium Light comes with a **Hassle-Free 12-Month Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

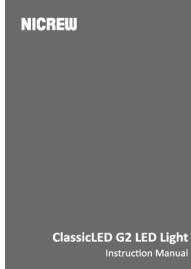
For technical assistance, troubleshooting, or warranty claims, please contact NICREW Customer Service. Our team is available to provide 24-hour friendly customer service.

Please visit the official NICREW website or refer to your purchase documentation for contact information.

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## Related Documents - N14584

|   |  |
|---|--|
| <b>NICREW</b><br><br><small>ClassicLED Plus Aquarium Light<br/>Instruction Manual</small> | <p><a href="#"><u>NICREW ClassicLED Plus Aquarium Light: Instruction Manual &amp; Setup Guide</u></a></p> <p>Comprehensive instruction manual for the NICREW ClassicLED Plus Aquarium Light. Learn how to install, program, and maintain your aquarium lighting for optimal plant and fish health. Includes safety guidelines and troubleshooting.</p> |
| <b>NICREW</b><br><br><small>SkyLED Plus 2.0<br/>Instruction Manual</small>                | <p><a href="#"><u>NICREW SkyLED Plus 2.0 Aquarium Light Instruction Manual</u></a></p> <p>Comprehensive guide for the NICREW SkyLED Plus 2.0 aquarium LED light, detailing its programmable lighting schedules, sunrise/sunset simulation, spectrum control, safety precautions, and warranty information for optimal aquarium plant growth.</p>       |
| <b>NICREW</b><br><br><small>Aquarium Clip-on Light<br/>Instruction Manual</small>         | <p><a href="#"><u>NICREW Aquarium Clip-on Light Instruction Manual</u></a></p> <p>Instruction manual for the NICREW Aquarium Clip-on Light, covering safety precautions, installation, maintenance, WEEE information, and warranty details.</p>  |

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|---|--|
|  <p><b>NICREW</b><br/>ClassicLED G2 LED Light<br/>Instruction Manual</p>  | <p><a href="#"><b>NICREW ClassicLED G2 LED Light Instruction Manual</b></a></p> <p>This manual provides instructions for the NICREW ClassicLED G2 LED Light, covering safety precautions, package contents, quick installation, controller usage, timer functions, maintenance, and frequently asked questions.</p>                                  |
|  <p><b>NICREW</b><br/>SlimLED Plants Light<br/>Instruction Manual</p>  | <p><a href="#"><b>NICREW SlimLED Plants Light Instruction Manual</b></a></p> <p>Comprehensive instruction manual for the NICREW SlimLED Plants Light, covering safety precautions, installation, controller usage, color temperature and brightness settings, timer functions, troubleshooting, maintenance, disposal, and warranty information.</p> |
|  <p><b>NICREW</b><br/>Clip-on LED Light<br/>for Framed &amp; Frameless Aquariums<br/><b>12 Months Warranty</b><br/>NICREW products carry a 12 month limited warranty.<br/>If your product is within warranty and you require any service, please feel free to contact us at support@nicrew.com. For more information, please visit <a href="http://www.nicrew.com">www.nicrew.com</a>.</p> | <p><a href="#"><b>NICREW Clip-on LED Light - Aquarium Lighting Guide &amp; Warranty</b></a></p> <p>Learn how to use your NICREW Clip-on LED Light for framed and frameless aquariums. Includes controller functions, warranty information, and safety tips.</p>  |