

NICREW N18926

NICREW SlimLED Aquarium Light User Manual

Model: N18926

1. INTRODUCTION

Thank you for choosing the NICREW SlimLED Aquarium Light. This manual provides essential information for the safe and effective installation, operation, and maintenance of your new aquarium lighting system. This full-spectrum LED light is designed to promote healthy growth for freshwater aquarium plants and enhance the visual appeal of your aquatic environment.



Image 1.1: The NICREW SlimLED Aquarium Light with its integrated controller.

2. SAFETY INSTRUCTIONS

- Read all instructions carefully before use and retain for future reference.

- This product is designed for indoor use only. Do not use outdoors or in wet conditions other than over an aquarium.
- Do not submerge the light fixture or the power adapter in water.
- Always ensure your hands are dry before plugging in or unplugging the power adapter.
- Unplug the light from the power outlet before performing any maintenance, cleaning, or when handling the aquarium.
- Keep the light and its components out of reach of children and pets.
- Do not attempt to repair or modify the light. Refer all servicing to qualified personnel.
- Dispose of electrical waste responsibly according to local regulations.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- NICREW SlimLED Aquarium Light Fixture
- Adjustable Mounting Brackets (pre-attached or separate)
- Power Adapter
- Instruction Manual

4. PRODUCT FEATURES

- **Full Spectrum Lighting:** Combines 6500K bright white, 460nm blue, and 660nm red LEDs for optimal plant growth and vibrant aquatic colors.
- **Adjustable Brightness:** Offers 6 levels of brightness adjustment for both white/red and blue LED channels.
- **Integrated Timer Function:** Features 3 preset daylight timer modes (6H, 8H, 10H) and 3 moonlight timer modes (2H, 4H, 6H).
- **Independent Channel Control:** Blue and white/red LED channels can be controlled independently.
- **Durable Construction:** Aluminum alloy housing provides excellent heat dissipation and corrosion resistance, extending the lamp's lifespan.
- **Adjustable Mounting Brackets:** Extendable brackets allow for easy installation on various aquarium widths.
- **Memory Function:** Retains previous settings after power interruption.

Durable Materials and Better Dissipation

Aluminum alloy shell features excellent corrosion resistance and heat dissipation for aquarium lights.



Image 4.1: The aluminum alloy shell design ensures efficient heat dissipation and durability.

5. INSTALLATION

1. Carefully unpack all components from the packaging.
2. Attach the adjustable mounting brackets to the ends of the light fixture if they are not already pre-attached.
3. Place the light fixture on the rim of your aquarium. Extend the brackets as needed to securely fit the width of your tank. Ensure the light is stable and level.

Adjustable Brackets

The light features an extendable mounting bracket, allowing easy installation on a variety of aquarium widths.



Image 5.1: The adjustable brackets allow for flexible installation on various aquarium sizes.

4. Ensure the light fixture is securely positioned and that no part of the electrical components can fall into the water. The light itself is IP67 rated, but the power adapter is not.
5. Connect the power adapter cable to the light fixture's input port.
6. Plug the power adapter into a suitable electrical outlet.

6. OPERATION

6.1 Controller Overview

The light is operated via an inline controller with three buttons:

- **Power Button ():** Long press to turn the light ON or OFF. Short press to switch between different lighting modes (e.g., full spectrum, blue only).
- **W/D Button (White/Daylight):** Adjusts the brightness of the white and red LEDs. Also used to set the daylight timer.
- **B/N Button (Blue/Night):** Adjusts the brightness of the blue LEDs. Also used to set the moonlight timer.

Simplified Control for Powerful Function

Achieve perfect lighting balance with adjustable spectrum and timer function.

Power

Long press to turn **on/off** the light
Short press to switch lighting mode

Timer

With **W/D**: setting **6H/8H/10H**
daylight timer

With **B/N**: setting **2H/4H/6H**
moonlight timer

Adjust brightness
of **blue LEDs**

Adjust brightness
of **white LEDs**



Image 6.1: Simplified control panel for power, timer, and brightness adjustments.

6.2 Setting Timer Modes

The light features a memory function, so your settings will be saved even after a power outage.

- **Daylight Timer (W/D):** Short press the W/D button to cycle through the preset daylight timer options: 6 hours, 8 hours, or 10 hours. The selected duration will be indicated by an LED light on the controller. The light will automatically turn on at the same time each day for the set duration.
- **Moonlight Timer (B/N):** Short press the B/N button to cycle through the preset moonlight timer options: 2 hours, 4 hours, or 6 hours. The selected duration will be indicated by an LED light on the controller. The blue light will automatically turn on at the same time each day for the set duration.

SlimLED Plants 118 - 150 cm

120

6500K White LEDs

36

460nm Blue LEDs

18

660nm Red LEDs

70

PAR@30 cm in air

4600

LUX@30 cm in air

90

Color Rendering Index (CRI)

32 Watt.

Total Power Consumption

65 lm/W

Efficacy

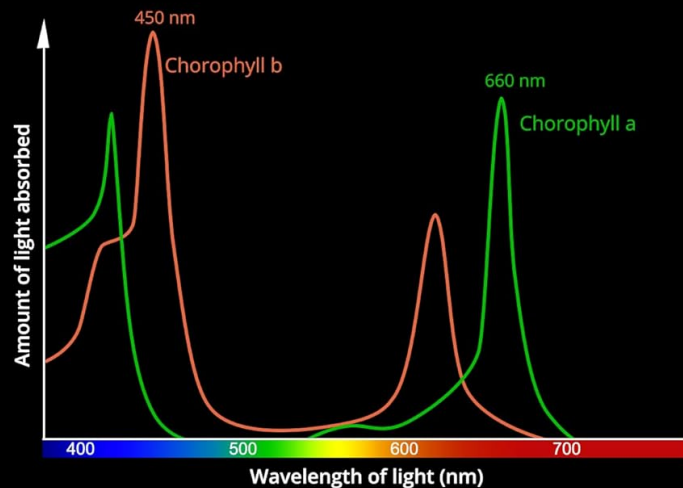
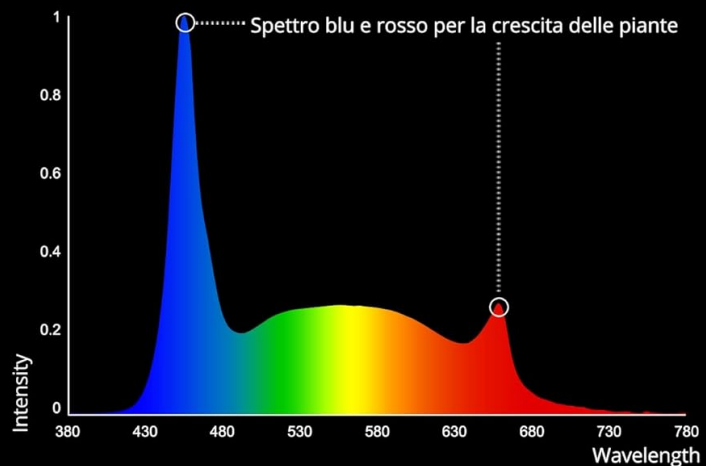


Image 6.2: The timer function simulates natural sunrise and sunset effects for a realistic environment.

6.3 Adjusting Brightness

- **White/Red LEDs Brightness:** When the light is in daylight mode, short press the W/D button to cycle through 6 brightness levels: 5%, 20%, 40%, 60%, 80%, 100%.
- **Blue LEDs Brightness:** When the light is in moonlight mode (blue only), short press the B/N button to cycle through 6 brightness levels: 0%, 5%, 20%, 40%, 60%, 80%, 100%.

7. MAINTENANCE

- Always unplug the light from the power outlet before cleaning.
- Regularly wipe the light fixture with a soft, damp cloth to remove dust, water spots, and algae buildup.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the light's finish or components.
- Ensure the light is completely dry before plugging it back in.
- Keep the power adapter and cable dry and free from water splashes.

8. TROUBLESHOOTING

- **Light not turning on:**

- Check if the power adapter is securely plugged into both the light fixture and the wall outlet.
- Verify that the wall outlet is functional by plugging in another device.
- Ensure the power button on the controller has been pressed (long press) to turn the light on.

- **Timer not working as expected:**

- Re-set the desired timer duration (6.2 Setting Timer Modes).
- Ensure there have been no power interruptions that might reset the internal clock (though the memory function should retain settings).

- **Light appears dim:**

- Check the brightness settings for both white/red and blue channels (6.3 Adjusting Brightness).
- Clean the light fixture surface to remove any buildup that might obstruct light output.

- **Flickering light:**

- Ensure all connections are secure.
- Verify a stable power supply from the outlet.

If issues persist, please contact NICREW customer support.

9. TECHNICAL SPECIFICATIONS

Specification	Value
Model Number	N18926
Dimensions (L x W x H)	117 x 6 x 1.15 cm
Weight	1.1 Kilograms
Power Consumption	32 Watts
Luminous Flux	2000 lm
Color Temperature	10000 Kelvin
LED Types	6500K White, 460nm Blue, 660nm Red
IP Rating	IP67
Input Voltage	230 Volts
Material	Aluminum
Special Feature	Memory Function

Gradient Effect

Simulate natural sunrise and sunset to create a realistic environment



Image 9.1: Overview of SlimLED models, dimensions, and wattage for various aquarium sizes.



Fits Aquarium	Dimensions	Wattage
28 - 42 cm	26 x 6 x 1,15 cm	9W
43 - 60 cm	41 x 6 x 1,15 cm	14W
58 - 75 cm	56 x 6 x 1,15 cm	16W
75 - 95 cm	72,5 x 6 x 1,15 cm	20W
90 - 110 cm	87 x 6 x 1,15 cm	25W
120 - 140 cm	117 x 6 x 1.15 cm	32W

Image 9.2: Detailed spectral data and chlorophyll absorption curves for optimal plant growth.

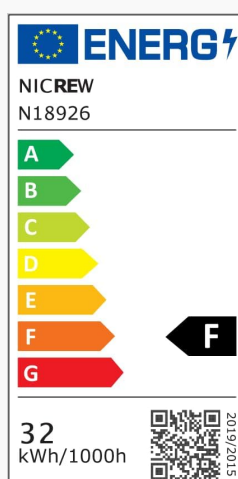




Image 9.3: EU Energy Label for model N18926. For more details, visit [EPREL Database](#).

10. WARRANTY AND SUPPORT

This NICREW product is covered by a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official NICREW website.

If you encounter any issues or have questions regarding your NICREW SlimLED Aquarium Light, please contact NICREW customer support for assistance. Provide your model number (N18926) and purchase details when contacting support.

Related Documents - N18926

 <p>NICREW</p> <p>SlimLED Plants Light Instruction Manual</p>	<p>NICREW SlimLED Plants Light Instruction Manual</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>NICREW</p> <p>SkyLED Plus 2.0 Instruction Manual</p>	<p>NICREW SkyLED Plus 2.0 Aquarium Light Instruction Manual</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>
 <p>NICREW</p> <p>ClassicLED Plus Aquarium Light Instruction Manual</p>	<p>NICREW ClassicLED Plus Aquarium Light: Instruction Manual & Setup Guide</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>
 <p>NICREW</p> <p>Aquarium Air Pump Instruction Manual</p>	<p>NICREW Aquarium Air Pump Instruction Manual</p> <p>Instruction manual for the NICREW Aquarium Air Pump, covering safety, installation, maintenance, and troubleshooting.</p>
 <p>NICREW</p> <p>ClassicLED G2 LED Light Instruction Manual</p>	<p>NICREW ClassicLED G2 LED Light Instruction Manual</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>

NICREW

[NICREW Marine Aquarium Light Quick Start Guide](#)

A quick start guide for the NICREW Marine Aquarium Light, detailing setup, programming, and safety instructions for optimal aquarium lighting.

Marine Aquarium Light
Quick Start Guide