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› NICREW SlimLED Aquarium LED Light User Manual (43-60 cm, 14W)

## NICREW N18922

# NICREW SlimLED Aquarium LED Light User Manual

Model: N18922 (43-60 cm, 14W)

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your NICREW SlimLED Aquarium LED Light. Designed for aquatic plants, this full-spectrum light offers adjustable brightness and integrated timer functions to create an optimal environment for your aquarium inhabitants.

## PRODUCT COMPONENTS

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Before installation, ensure all components are present:

- NICREW SlimLED Light Fixture
- Adjustable Mounting Brackets
- Power Adapter with Integrated Controller
- User Manual (this document)

# Staffe regolabili

La lampada è dotata di una staffa di montaggio estensibile, che consente un'installazione facile su acquari di varie larghezze.



Image: Overview of the NICREW SlimLED Aquarium LED Light, showing the light fixture, adjustable brackets, and the inline controller.

## SETUP INSTRUCTIONS

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1. **Unpack the Light:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Attach Mounting Brackets:** Slide the adjustable mounting brackets onto both ends of the light fixture. Ensure they are securely attached.

# Materiali durevoli e migliore dissipazione

La scocca in lega di alluminio offre un'eccellente resistenza alla corrosione e dissipazione del calore per le luci da acquario.



Image: Close-up of the adjustable mounting brackets being attached to the light fixture, allowing for flexible installation on various aquarium widths.

3. **Position the Light:** Place the light fixture on top of your aquarium. Adjust the brackets to fit the width of your tank (suitable for aquariums with or without lids). Ensure the light is centered and stable.
4. **Connect Power:** Connect the power adapter to the light fixture. Then, plug the power adapter into a suitable electrical outlet.
5. **Initial Power On:** The light should turn on. If not, check all connections.

## OPERATING INSTRUCTIONS

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The NICREW SlimLED features an inline controller for easy operation and programming.

# 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: The inline controller, illustrating buttons for power, white/daylight mode (W/D), and blue/night mode (B/N), along with timer settings.

## Controller Functions:

### • Power Button:

- Long press to turn **on/off** the light.
- Short press to switch between lighting modes (e.g., full spectrum, blue only).

### • W/D Button (White/Daylight Mode):

- Adjusts the brightness of the white LEDs.
- Sets the daylight timer: 6, 8, or 10 hours.

### • B/N Button (Blue/Night Mode):

- Adjusts the brightness of the blue LEDs.
- Sets the moonlight timer: 2, 4, or 6 hours.

## Setting the Timer:

The light features an integrated timer with gradual sunrise and sunset effects.

1. **Set Daylight Cycle:** Press the W/D button repeatedly to cycle through 6, 8, or 10-hour daylight settings. The light will automatically turn on at the set time each day.
2. **Set Moonlight Cycle:** Press the B/N button repeatedly to cycle through 2, 4, or 6-hour moonlight settings. This mode typically follows the daylight cycle.
3. **Sunrise/Sunset Simulation:** The light gradually ramps up brightness at the start of the daylight cycle and dims down at the end, simulating natural sunrise and sunset.

## Effetto sfumato

Simula l'alba e il tramonto naturali per creare un ambiente realistico



Image: Visual representation of the fading effect, simulating natural sunrise and sunset to create a realistic aquatic environment.

Light Spectrum and Intensity Guide:

The NICREW SlimLED combines white (6500K), blue (460nm), and red (660nm) LEDs to provide a full spectrum suitable for aquatic plants. Different color settings can enhance specific aspects of your aquarium.



Image: A guide illustrating various color spectrum and intensity settings, such as warm white, cool white, bluish white, and deep blue night mode, and their recommended uses for different aquatic environments and plant types.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your NICREW SlimLED light.

- **Cleaning:** Regularly wipe the light fixture with a soft, dry cloth to remove dust and water spots. Ensure the light is unplugged before cleaning.
- **Water Exposure:** This product is **not waterproof**. Avoid splashing water directly onto the light fixture or submerging it. Water exposure can cause damage and is not covered under warranty.
- **Heat Dissipation:** The aluminum casing is designed for effective heat dissipation. Ensure the light is not covered or obstructed to allow for proper airflow.

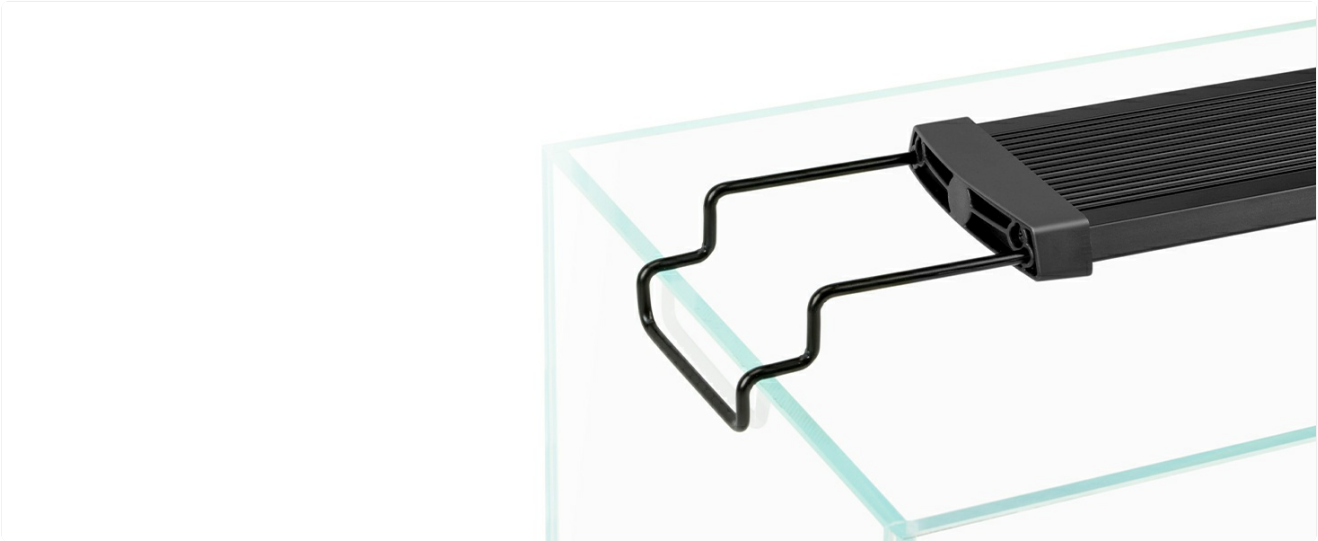


Image: Detailed view of the durable aluminum casing, highlighting its role in efficient heat dissipation and extending the lamp's lifespan.

TROUBLESHOOTING

If you encounter issues with your NICREW SlimLED light, refer to the following common problems and solutions:

| Problem                 | Possible Cause                                               | Solution                                                                                                                                           |
|-------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Light does not turn on. | Power connection loose or disconnected. Faulty power outlet. | Check all power connections. Ensure the power adapter is securely plugged into the light and the wall outlet. Test the outlet with another device. |

| Problem                                 | Possible Cause                                  | Solution                                                                                                                  |
|-----------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Timer function not working correctly.   | Incorrect timer setting.<br>Power interruption. | Re-program the timer settings using the W/D and B/N buttons. If there was a power outage, the timer may need to be reset. |
| Light intensity is too low or too high. | Brightness levels incorrectly set.              | Use the W/D and B/N buttons to adjust the brightness levels for white and blue LEDs respectively.                         |
| Some LEDs are not lighting up.          | Individual LED failure.                         | If individual LEDs fail, contact customer support. Do not attempt to repair the light fixture yourself.                   |

## SPECIFICATIONS

Detailed technical specifications for the NICREW SlimLED Aquarium LED Light (Model N18922, 43-60 cm, 14W).

- **Model Number:** N18922
- **Power:** 14 Watts
- **Luminous Flux:** 920 Lumens (for 43-60 cm model)
- **Dimensions (Light Fixture):** 41.2 cm (Length) x 5.6 cm (Width) x 1.2 cm (Height)
- **Material:** Aluminum (Fixture), Aluminum (Shade), Aluminum (Base)
- **Light Type:** LED (Light Emitting Diode)
- **Number of Lights:** 48 LEDs (approximate, based on visual representation)
- **LED Configuration:** 6500K White, 460nm Blue, 660nm Red (optimized for plant growth)
- **Control Method:** Touch (via inline controller)
- **Features:** Adjustable temperature, Memory function, Integrated timer (6/8/10h daylight, 2/4/6h moonlight), Sunrise/Sunset simulation
- **Water Resistance:** Not water resistant (False)
- **Energy Efficiency Class:** F ([View EU Energy Label](#))
- **Country of Origin:** China

## Aquarium Compatibility and Dimensions:



| 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: A table detailing the compatibility of various SlimLED models with different aquarium lengths, their respective dimensions, and wattage.

For the 43-60 cm aquarium size, the light fixture dimensions are approximately 41 cm (length) x 6 cm (width) x 1.15 cm (height), with a power consumption of 14W.

Light Spectrum Data:

# SlimLED Plants 43- 60 cm

**60**

6500K White LEDs

**12**

460nm Blue LEDs

**6**

660nm Red LEDs

**65**

PAR@30 cm in air

**4100**

LUX@30 cm in air

**90**

Color Rendering Index (CRI)

**14**Watt

Total Power Consumption

**65** lm/W

Efficacy

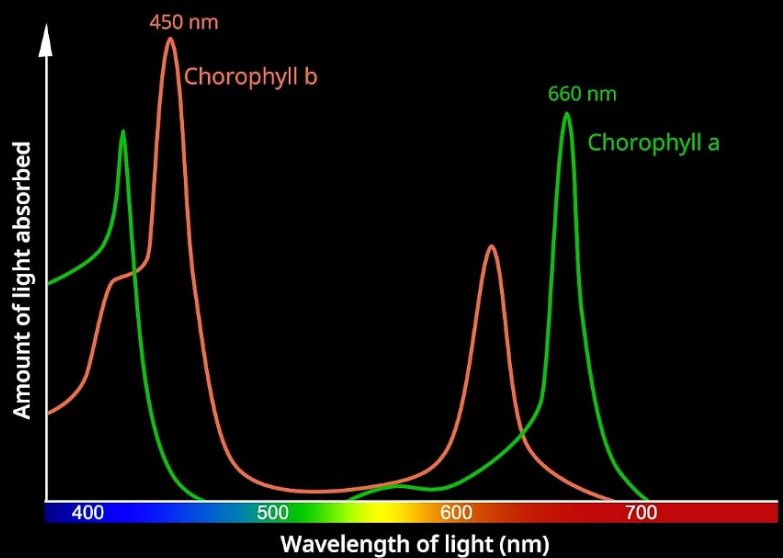
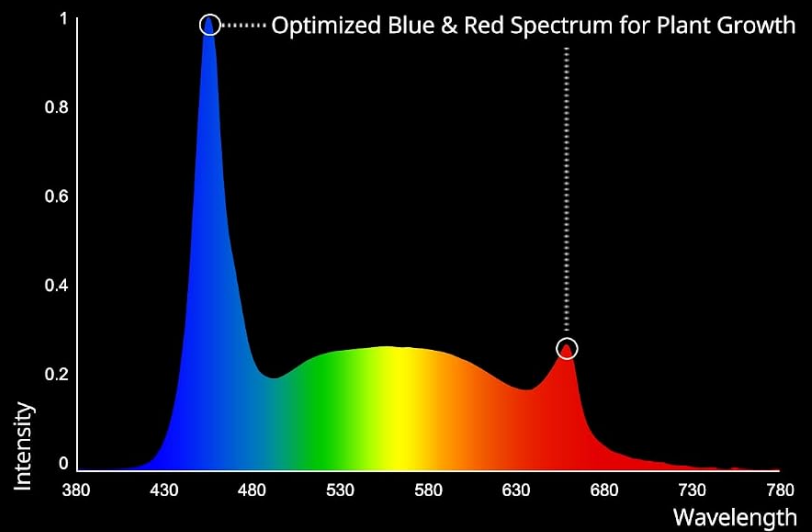


Image: Spectral distribution graph for the SlimLED Plants light (43-60 cm model), indicating optimized blue and red spectrums for aquatic plant growth, along with PAR and LUX values.

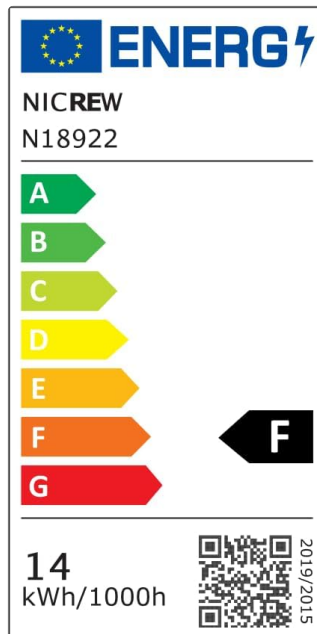


Image: The EU Energy Label for the NICREW SlimLED, model N18922, indicating an energy efficiency class of F and 14 kWh/1000h consumption.

## WARRANTY AND SUPPORT

### Warranty Information:

Please refer to your purchase documentation or the product packaging for specific warranty terms and conditions. The warranty typically covers manufacturing defects for a specified period from the date of purchase. Keep your proof of purchase for warranty claims.

### Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact the seller or NICREW customer service. Contact details can usually be found on the product packaging or the official NICREW website.

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### ASK A QUESTION ABOUT THIS MANUAL

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