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> [NICREW RGB+W 24/7 LED Aquarium Light User Manual \(Model N28782, 45-55 CM\)](#)

NICREW N28782 (45-55 CM)

NICREW RGB+W 24/7 LED Aquarium Light User Manual

Model: N28782 (45-55 CM)

Brand: NICREW

1. INTRODUCTION

Thank you for choosing the NICREW RGB+W 24/7 LED Aquarium Light. This light is designed to provide a full spectrum of illumination for freshwater aquariums, promoting plant growth and enhancing the natural colors of your aquatic environment. It features a remote control for easy operation, a programmable 24/7 mode, and is built with a waterproof design for durability.

NICREW RGB+W 24/7

Spettro completo, colori intensi

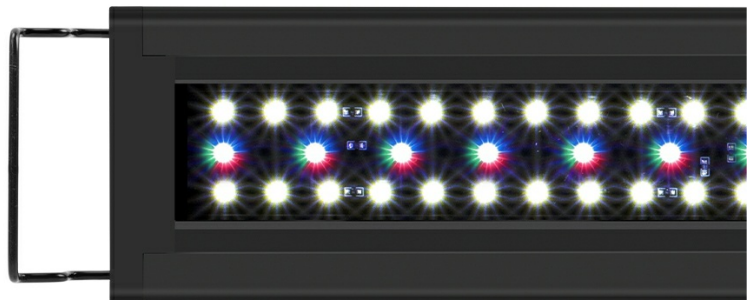


Image: NICREW RGB+W 24/7 LED Aquarium Light with full spectrum and intense colors.

2. PRODUCT FEATURES

- **RGB+W 24/7 Lighting:** Provides brilliant color enhancement and supports plant growth with RGB and 6500K white LEDs, ideal for freshwater aquariums.
- **Programmable 24/7 Mode:** Offers 5 light levels, allowing creation of multiple light schedules. Features 15

or 30-minute sunrise and sunset transitions.

- **Infrared Remote Control:** Enables easy access to various lighting effects, weather modes, and custom color settings.
- **Custom Color & Internal Memory:** Save preferred colors and access them quickly using M1-M4 memory buttons.
- **Waterproof Design (IPX7):** Resistant to typical aquarium splashes, ensuring durability.
- **Adjustable Brackets:** Extendable mounting brackets allow for easy installation on various aquarium widths.
- **High-Quality Aluminum Casing:** Durable and designed for optimal heat dissipation.

LED di Alta Qualità

Riproduce i colori naturali di piante e pesci.



CRI 90 per una resa cromatica naturale



Spettro Completo per colori perfetti



120° angolo di diffusione



LED bianchi da **6500K** + LED RGB



Image: Overview of multiple features including full spectrum, adjustable colors, 24/7 mode, and dynamic effects.

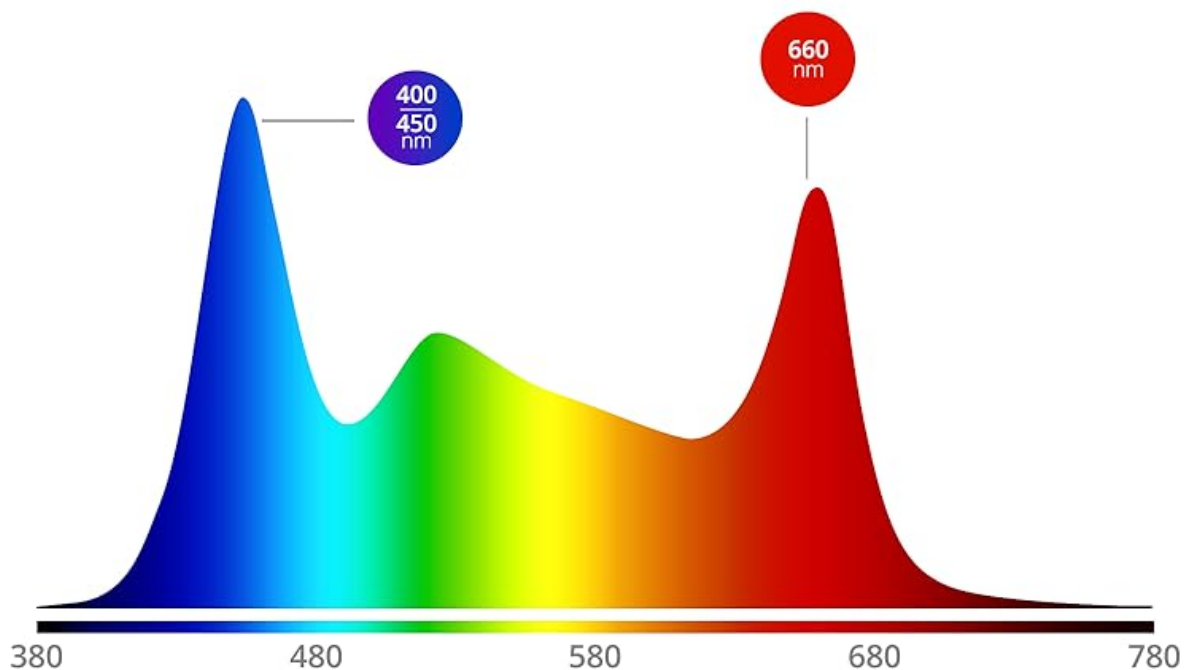


Image: A colorful graph showing the light spectrum distribution with peaks in blue (450 nm) and red (660 nm) regions, indicating

full spectrum output.

3. PACKAGE CONTENTS

- NICREW RGB+W 24/7 LED Aquarium Light
- Infrared Remote Control
- Adjustable Mounting Brackets
- Power Adapter
- User Manual

4. SETUP

1. **Unpack:** Carefully remove all components from the packaging. Inspect for any damage.
2. **Attach Brackets:** Slide the adjustable mounting brackets onto the ends of the light fixture.
3. **Position Light:** Place the light fixture on top of your aquarium, adjusting the brackets to fit the width of your tank securely. Ensure the light is centered for even illumination.
4. **Connect Power:** Connect the power adapter to the light fixture and then plug it into a suitable power outlet. Ensure a drip loop is formed with the power cord to prevent water from reaching the outlet.



Image: Close-up of the adjustable mounting brackets, demonstrating how they extend to fit various aquarium widths.

Regolabili Supporti

Il dispositivo è dotato di un supporto di montaggio estensibile, che consente un'installazione semplice su acquari di larghezze diverse.

Setup Video

Your browser does not support the video tag.

Video: An unboxing, installation, and demonstration video for the aquarium light. This video provides a visual guide to setting up the product.

5. OPERATION

Remote Control Overview

The infrared remote control allows for comprehensive management of your aquarium light's settings. Familiarize yourself with the buttons for optimal use.



Modalità 24/7

Fino a 5 fasi luminose. Dimmerazione continua disponibile.

4 Modalità di Simulazione Meteo Predefinite

Nuvoloso, Temporale, Soleggiato, Luna

Tasti di Memoria

Salvataggio delle impostazioni colore personalizzate

Image: Diagram illustrating the remote control buttons for 24/7 mode, preset weather simulations, and memory keys (M1-M4).



Impostazione delle ore / aumento dell'intensità

Impostazione dei minuti / riduzione dell'intensità

Attivazione della modalità 24/7

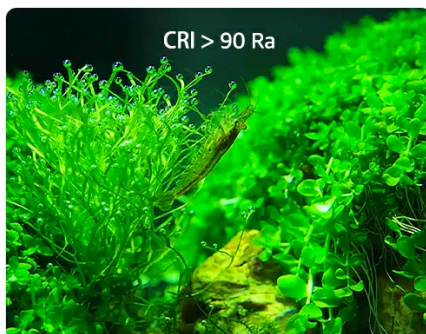
Accensione e spegnimento

Image: Close-up of the inline controller with display, showing buttons for hour/minute adjustment, 24/7 mode activation, and power on/off.

5.1. 24/7 Mode Programming

The 24/7 mode simulates a natural day-night cycle with 5 distinct light levels. You can customize these levels to create a unique lighting program for your aquarium. The sunrise and sunset transitions occur over 15 or 30 minutes.

NICREW RGB+W 24/7



Altri

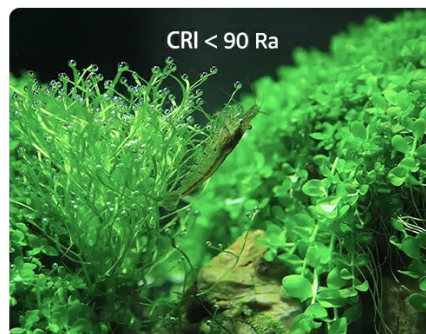


Image: A graphical representation of the 24/7 lighting cycle, showing sunrise, daylight, sunset, and moonlight phases with corresponding times.

5.2. Weather Effects

The light includes four preset weather modes to add dynamic effects to your aquarium:

- Cloudy
- Lightning (Storm)
- Sunny (Day)
- Moonlight (Night)

Select any mode using the remote control to temporarily change the ambiance of your tank.

Spettro Regolabile

Il LED offre 4 intervalli spettrali per garantire uno spettro completo.

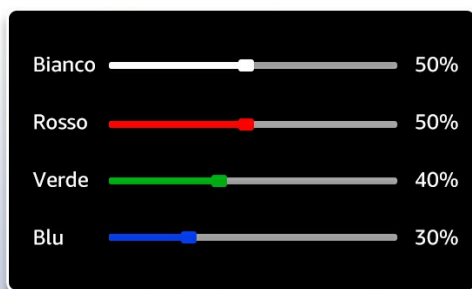


Image: Four panels depicting different weather conditions: cloudy, lightning storm, sunny day, and starry night with a full moon.

5.3. Custom Colors and Memory

You can customize your own color settings by adjusting the individual RGB+W channels. Use the M1-M4 buttons on the remote control to save and quickly recall your favorite custom color settings.

5.4. Programming Tutorial Video

Your browser does not support the video tag.

Video: A detailed tutorial on programming the NICREW C10 24/7 mode, which is applicable to this model for setting up the daily light cycle.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your aquarium light.

- **Cleaning:** Gently wipe the light fixture with a soft, damp cloth to remove dust, water spots, or algae. Do not use abrasive cleaners or solvents.
- **Waterproof Rating:** The light has an IPX7 waterproof rating, meaning it can withstand splashes. However, it is not designed for submersion. Avoid direct water jets.
- **Condensation:** High humidity or temperature differences can cause condensation inside the fixture. Using an acrylic or glass cover on your aquarium can help reduce humidity and prevent this.



Protezione Impermeabile IP67

IP67 protegge dagli schizzi. Elevata umidità o differenze di temperatura possono causare condensazione all'interno.

Suggerimento:

Una copertura in acrilico o vetro riduce l'umidità.

Image: The aquarium light with water splashing, demonstrating its IPX7 waterproof capabilities.

Nuovo Involucro in Alluminio

Materiale in alluminio di alta qualità e resistente. 4 mm di spessore per un'ottimale dissipazione del calore.



Image: Technical diagram showing the aluminum casing design with arrows indicating heat dissipation, highlighting its durable and efficient construction.

7. TROUBLESHOOTING

- **Light Not Turning On:**

Ensure the power adapter is securely connected to both the light fixture and the power outlet. Check if the outlet is functioning correctly.

- **Remote Control Not Responding:**

Check the battery in the remote control. Ensure there are no obstructions between the remote and the light's receiver.

- **Loss of Programming After Power Outage:**

This model may lose its programmed settings if power is interrupted. Reprogram the 24/7 mode and custom settings as needed after a power loss. Consider connecting the light to an uninterruptible power supply (UPS) if consistent programming is critical.

- **Inconsistent Light Output:**

Ensure the light fixture is clean and free from debris. Check for any loose connections.

8. SPECIFICATIONS

| Feature | Detail |
|-------------------------|------------------------------------|
| Model Number | N28782 |
| Size (Current Variant) | 45-55 CM |
| Power | 17 W |
| Lumen | 850 LM |
| Material | Aluminum (Casing), Metal (General) |
| Light Type | LED (RGB+W, 6500K White) |
| Control Method | Infrared Remote Control |
| Water Resistance Level | IPX7 (Resistant to water splashes) |
| Dimensions (L x W x H) | 41P x 9l x 1.2H cm |
| Energy Efficiency Class | F (EPREL Link) |
| Country of Origin | China |

Adjustable Brackets

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

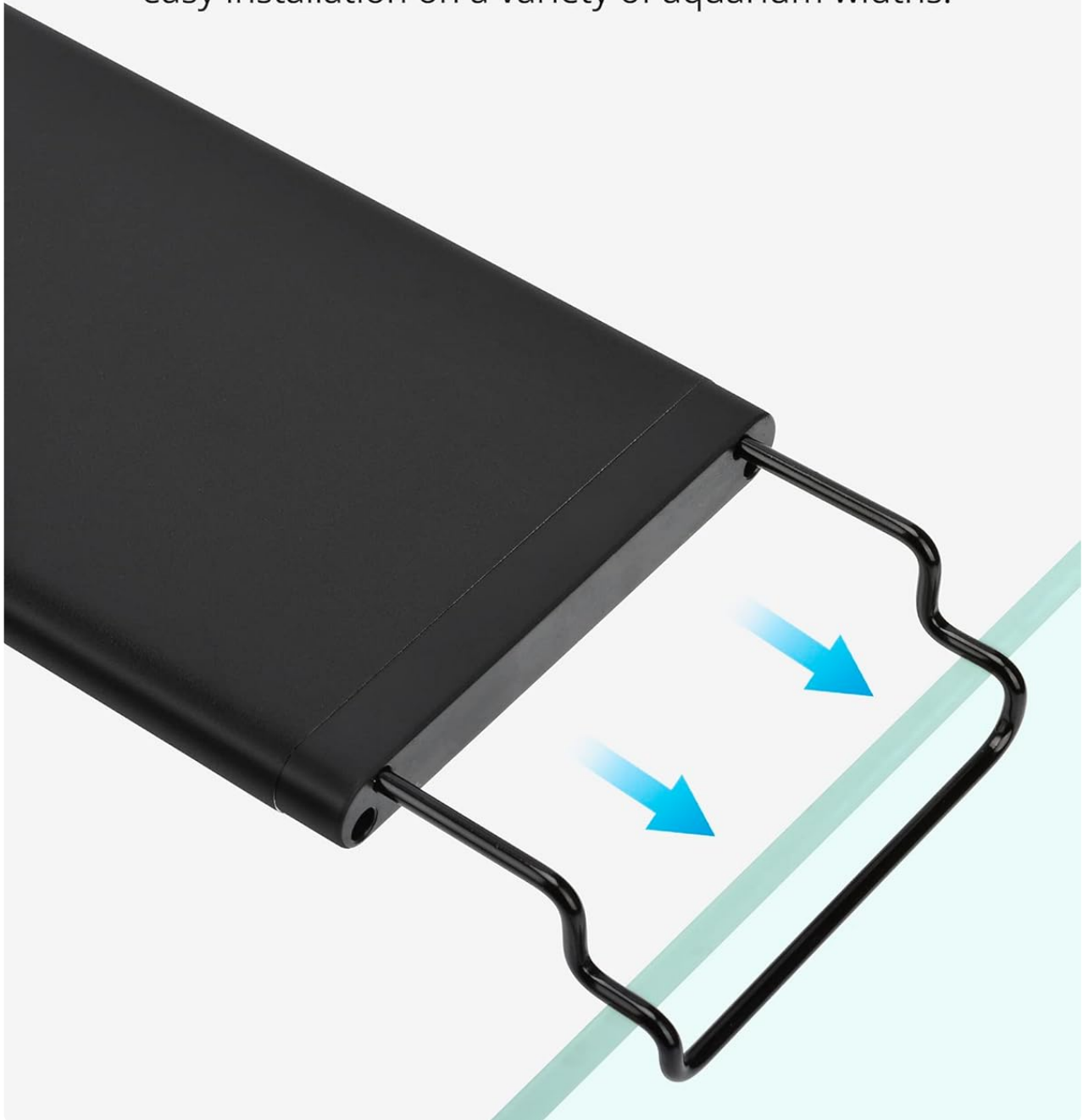
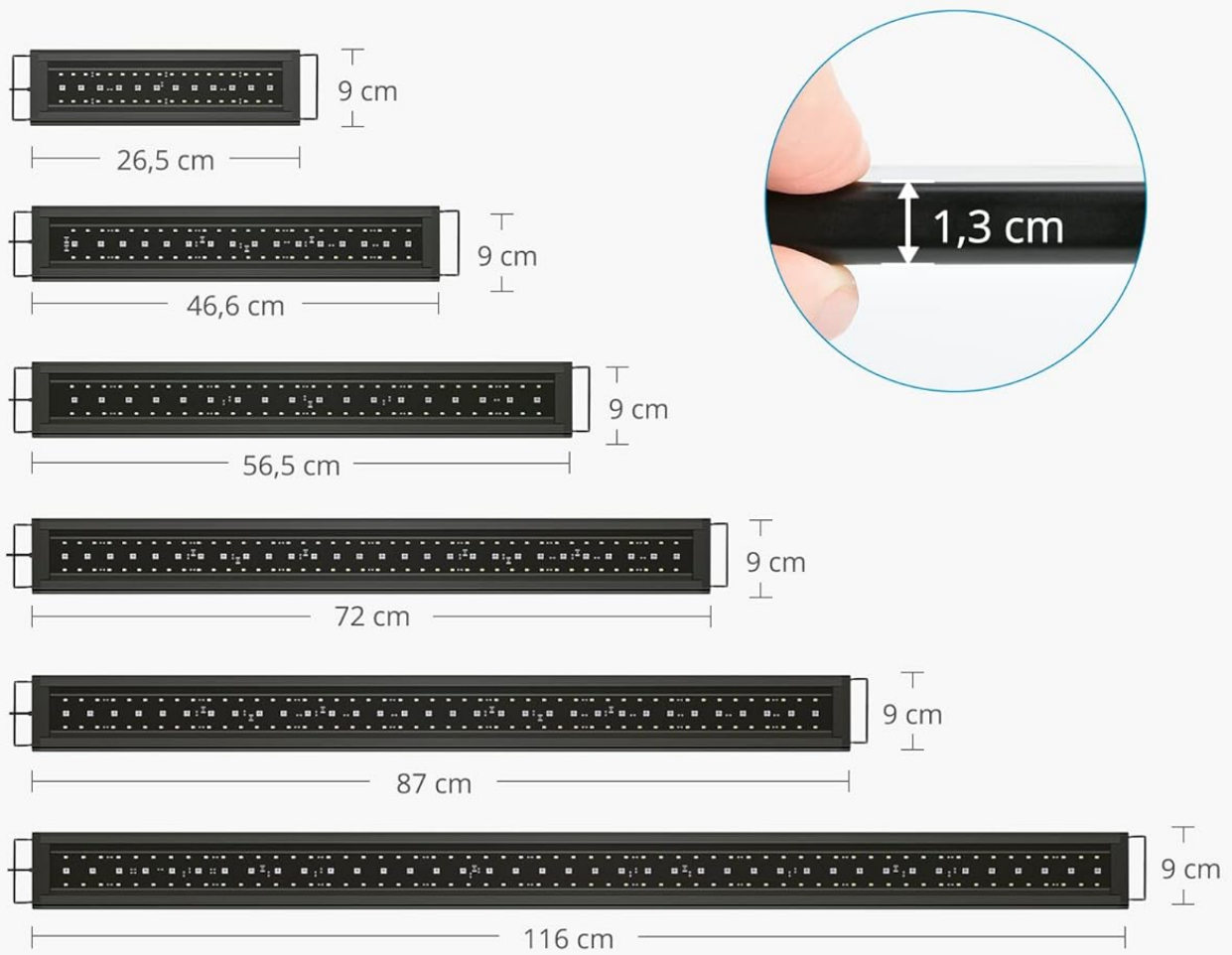


Image: A table detailing various models, their power, lumen output, LED configuration, PAR, LUX, CRI, and input voltage, along with physical dimensions.



| POWER | FITS AQUARIUMS | LUMEN | LEDS(W+RGB) | PAR@30CM IN AIR | LUX@30CM IN AIR | CRI | INPUT |
|-------|----------------|---------|-------------|-----------------|-----------------|-----|-------------|
| 12W | 30-42 cm | 600 lm | 36 + 12 | 60 | 4000 | 91 | AC 100-240V |
| 17 W | 45-55 cm | 850 lm | 48 + 16 | 77 | 5000 | 91 | AC 100-240V |
| 21 W | 60-70 cm | 1050 lm | 60 + 18 | 77 | 5000 | 91 | AC 100-240V |
| 27 W | 76-90 cm | 1350 lm | 84 + 28 | 98 | 6000 | 91 | AC 100-240V |
| 33 W | 90-110 cm | 1650 lm | 96 + 32 | 98 | 6000 | 91 | AC 100-240V |
| 39 W | 120-150 cm | 1950 lm | 120 + 40 | 98 | 6000 | 91 | AC 100-240V |

Image: The EU Energy Label for the NICREW light, showing its energy efficiency class F and energy consumption of 17 kWh/1000h.

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official NICREW website. Keep your purchase receipt for warranty claims.

