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NICREW N28785

NICREW SkyLED RGB+W 24/7 Aquarium LED Light

Model: N28785

Brand: NICREW

Introduction

Thank you for choosing the NICREW SkyLED RGB+W 24/7 Aquarium LED Light. This advanced lighting system is designed to provide optimal illumination for freshwater aquariums, promoting plant growth and enhancing the vibrant colors of your aquatic environment. Featuring a full-spectrum output, programmable 24/7 lighting cycles, and various weather effects, this light offers comprehensive control over your aquarium's ambiance. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your product.

Safety Instructions

- Always disconnect the power supply before performing any maintenance or cleaning on the light or aquarium.
- This product is designed for indoor use only. Do not expose to extreme temperatures or direct sunlight.
- Ensure your hands are dry when handling the power adapter and plug.
- Do not operate the light if any part is damaged, especially the power cord or LED unit.
- Keep out of reach of children.
- The light unit is waterproof (IP67 rated) but the power adapter and remote control are not. Keep them away from water.
- Do not attempt to disassemble or modify the light unit. This will void the warranty.
- Ensure the light is securely mounted on the aquarium to prevent accidental falls.

Package Contents

Please check the package for the following items:

- NICREW SkyLED RGB+W 24/7 LED Light Unit
- Adjustable Mounting Brackets (2x)
- Power Adapter

- Infrared Remote Control (with 1 Lithium metal battery included)
- Instruction Manual

Product Features



Image: Overview of the NICREW SkyLED RGB+W 24/7 light highlighting its key features: Full Spectrum, Adjustable Colors (WRGB), 24/7 Mode, and Dynamic Effects.

1. Advanced 24/7 Lighting Mode

The 24/7 mode simulates a natural day-night cycle with 5 distinct lighting phases: sunrise, daylight, sunset, moonlight, and off. You can program multiple lighting schedules with smooth 15 or 30-minute transitions between phases, creating a realistic and beneficial environment for your aquatic inhabitants.



Image: Diagram of the 24/7 lighting cycle, showing light intensity changes throughout the day from 7:00 AM to 10:00 PM, including sunrise, daylight, sunset, and moonlight phases.

2. Full Spectrum RGB+W LEDs

Equipped with RGB and 6500K white LEDs, this light provides a full spectrum output ideal for promoting healthy plant growth and enhancing the natural colors of your fish and aquarium decor. The color spectrum is adjustable to suit various aquascaping needs.

Scheda informativa del prodotto

REGOLAMENTO DELEGATO (UE) 2019/2015 DELLA COMMISSIONE per quanto riguarda l'etichettatura energetica delle sorgenti luminose

Nome o marchio del fornitore: Nicrew

Indirizzo del fornitore: Nicrew, Zum Linnegraben 20, 65933 Frankfurt am Main, DE

Identificativo del modello: N28785

Tipo di sorgente luminosa:

Tecnologia d'illuminazione:	LED	Non direzionale o direzionale:	DLS
Tipo di attacco della sorgente luminosa (o altra interfaccia elettrica)	none		
A tensione di rete o non a tensione di rete:	NMLS	Sorgente luminosa connessa (CLS):	No
Sorgente luminosa a colori variabili:	Sì	Involucro:	-
Sorgente luminosa ad alta luminanza:	No		
Schermo antiriflesso:	No	Regolabile:	Sì
Parametri del prodotto			
Parametro	Valore	Parametro	Valore
Parametri generali del prodotto:			
Consumo di energia in modo acceso (kWh/1000 h), arrotondato per eccesso all'intero più vicino	33	Classe di efficienza energetica	F
Flusso luminoso utile (ϕuse), indicando se si riferisce al flusso in una sfera (360º), in un cono ampio (120º) o in un cono stretto (90º)	2 780 in Cono ampio (120°)	Temperatura di colore correlata, arrotondata ai 100 K più vicini, oppure intervallo di temperatu-	6 500

			re di colore correlate che è possibile impostare, arrotondato ai 100 K più vicini	
Potenza in modo acceso (P_{on}), espressa in W		33,0	Potenza in modo stand-by (P_{sb}), espressa in W e arrotondata al secondo decimale	0,20
Potenza in modo stand-by in rete (P_{net}) per le sorgenti luminose connesse, espressa in W e arrotondata al secondo decimale		-	Indice di resa cromatica arrotondato all'intero più vicino, oppure intervallo di valori IRC che è possibile impostare	80
Dimensioni esterne senza unità di alimentazione separata, parti per il controllo dell'illuminazione e parti senza funzioni di controllo dell'illuminazione, se presenti (mm)	Altezza	12	Distribuzione spettrale di potenza a pieno carico nell'intervallo da 250 nm a 800 nm	Vedi immagine nell'ultima pagina
	Larghezza	870		
	Profondità	90		
Dichiarazione di potenza equivalente[a]		-	Se sì, potenza equivalente (W)	-
			Coordinate cromatiche (x, y)	0,312 0,332
Parametri per sorgenti luminose direzionali:				
Intensità luminosa di picco (cd)		650	Angolo del fascio in gradi, oppure intervallo di angoli del fascio che è possibile impostare	120
Parametri per sorgenti luminose LED e OLED:				
Valore dell'indice di resa cromatica R9		15	Fattore di sopravvivenza	1,00
Fattore di mantenimento del flusso luminoso		0,96		

[a] '-' : non applicabile;

[b] '-' : non applicabile;

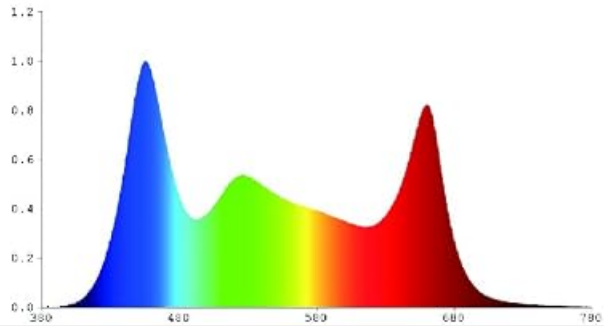


Image: Controls for adjusting White, Red, Green, and Blue LED intensity, accompanied by a spectral graph illustrating the light's full spectrum output.

3. Infrared Remote Control

The included infrared remote control provides convenient access to all lighting functions, including mode selection, color customization, and activation of weather effects. It also features memory buttons (M1-M4) to save and recall your preferred custom settings.

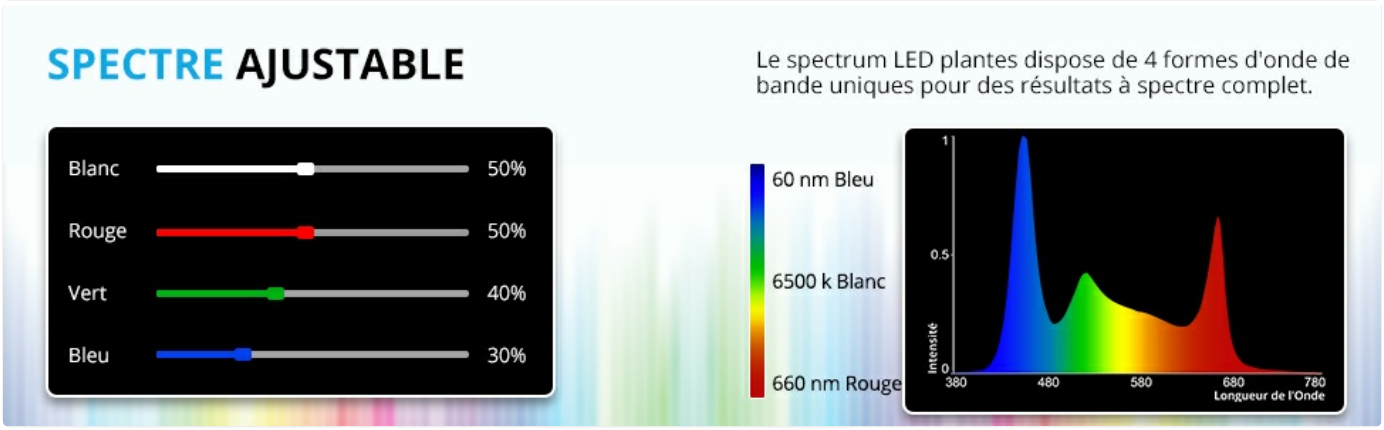


Image: A hand operating the infrared remote control, demonstrating its use with the light's external controller.

4. Dynamic Weather Effects

Choose from four preset weather modes: cloudy, lightning, sunny day, and moonlight. These dynamic effects add variety and realism to your aquarium's environment, mimicking natural conditions.



Image: Visual representation of the four dynamic weather effects: cloudy, lightning, sunny, and moonlight.

5. Waterproof Design (IP67)

The light unit features an IP67 waterproof rating, protecting it from splashes and accidental immersion. This ensures durability and safety in an aquatic environment. **Note: The power adapter and remote control are NOT waterproof.**

6. Adjustable Mounting Brackets

The light comes with extendable mounting brackets, allowing for easy and secure installation on aquariums of various widths. The brackets ensure a stable fit and optimal light positioning.





Image: Detail of the adjustable mounting brackets, showing how they extend to fit various aquarium widths.

Installation & Setup

1. Mounting the Light

1. Unpack the light unit and its components.
2. Attach the adjustable mounting brackets to both ends of the LED light unit.
3. Place the light unit on top of your aquarium. Adjust the brackets to fit the width of your tank securely. Ensure the light is centered and stable.

2. Power Connection

1. Connect the power adapter to the light unit's controller.
2. Plug the power adapter into a suitable electrical outlet. Ensure there is a drip loop to prevent water from running down the cord to the outlet.
3. The light will power on, and the controller display will activate.

Operating Instructions

Remote Control Overview

The infrared remote control allows you to manage all light settings. Point the remote directly at the light's external controller for optimal response.

Setting 24/7 Mode

The 24/7 mode automates the daily lighting cycle. Refer to the diagram in the Product Features section for a visual

representation of the cycle.

1. Press the "24/7" button on the remote to activate the mode.
2. The controller will display the current time. Use the arrow buttons to set the correct current time.
3. The light will then follow the preset 24/7 cycle, including sunrise, daylight, sunset, and moonlight phases with gradual transitions.
4. To customize the 24/7 cycle, consult the detailed instructions in the full product manual (if available) or experiment with the "DIY" mode for individual phase adjustments.

Customizing Colors

You can adjust the intensity of individual color channels (White, Red, Green, Blue) to create custom lighting effects.

1. Press the "DIY" button on the remote.
2. Use the color-specific buttons (W, R, G, B) and the "+" / "-" buttons to adjust the intensity of each color channel.
3. To save your custom color setting, press and hold one of the memory buttons (M1-M4) until the controller confirms.
4. To recall a saved setting, simply press the corresponding memory button (M1-M4).

Activating Weather Modes

The remote control provides dedicated buttons for instant weather effects.

- Press the "Cloudy" button for a cloudy sky simulation.
- Press the "Lightning" button for a lightning storm effect.
- Press the "Day" button for a bright daylight setting.
- Press the "Moon" button for a moonlight effect.
- To exit a weather mode, press the "ON/OFF" button or select another mode.

Maintenance

- **Cleaning the Light Unit:** Disconnect power before cleaning. Wipe the LED unit with a soft, damp cloth to remove water spots or algae. Do not use abrasive cleaners or solvents.
- **Cleaning the Brackets:** Periodically check and clean the mounting brackets to ensure they remain free of corrosion and securely hold the light.
- **Power Adapter and Remote:** Keep the power adapter and remote control dry and clean. Avoid exposing them to water or high humidity.
- **LED Longevity:** The LEDs are designed for long-term use. Avoid frequently turning the light on and off, as this can reduce their lifespan.

Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, damaged adapter.	Check power outlet, ensure all connections are secure. Test with another outlet. If still not working, the adapter or light may be faulty.

Problem	Possible Cause	Solution
Remote control not working.	Battery depleted, remote not pointed at controller, obstruction.	Replace the remote control battery. Ensure the remote is pointed directly at the light's external controller. Remove any obstructions.
Light flickers or dims unexpectedly.	Unstable power supply, loose connection, internal fault.	Check power connections. Try plugging into a different outlet. If the issue persists, contact customer support.
24/7 mode not functioning correctly.	Incorrect time setting, interference.	Re-set the current time on the controller. Ensure no other remote signals are interfering.

Specifications



Image: Detailed specifications table for various NICREW SkyLED models, including power, suitable aquarium length, lumen output, LED count, PAR, LUX, CRI, and input voltage.

Specification	Value
Model Number	N28785
Brand	NICREW
Product Dimensions (L x W x H)	89 x 10 x 6 cm (35 x 3.9 x 2.4 inches)
Weight	1.68 kg (3.7 lbs)
Wattage	33 Watts

Specification	Value
Lumen Output	1650 LM (for 90-110 cm model)
LED Type	RGB + 6500K White LEDs
Control Method	Infrared Remote Control
Waterproof Level	IP67 (Light Unit)
Material	Aluminum (Base), Metal (Shade)
Power Source	Electric Cable (AC 100-240V)
Included Components	Light kit included (LED unit, brackets, power adapter, remote)
Battery (for remote)	1 Lithium metal (included)

Energy Information

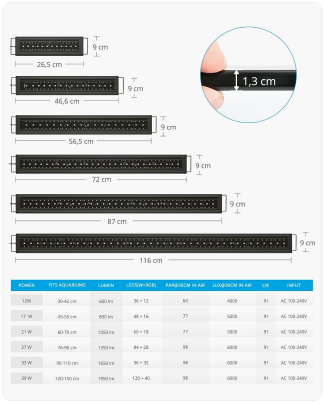


Image: EU Energy Label for the NICREW N28785, indicating an energy efficiency class of F and energy consumption of 33 kWh per 1000 hours.

For detailed product information regarding energy efficiency and other regulatory data, please refer to the EPREL database:



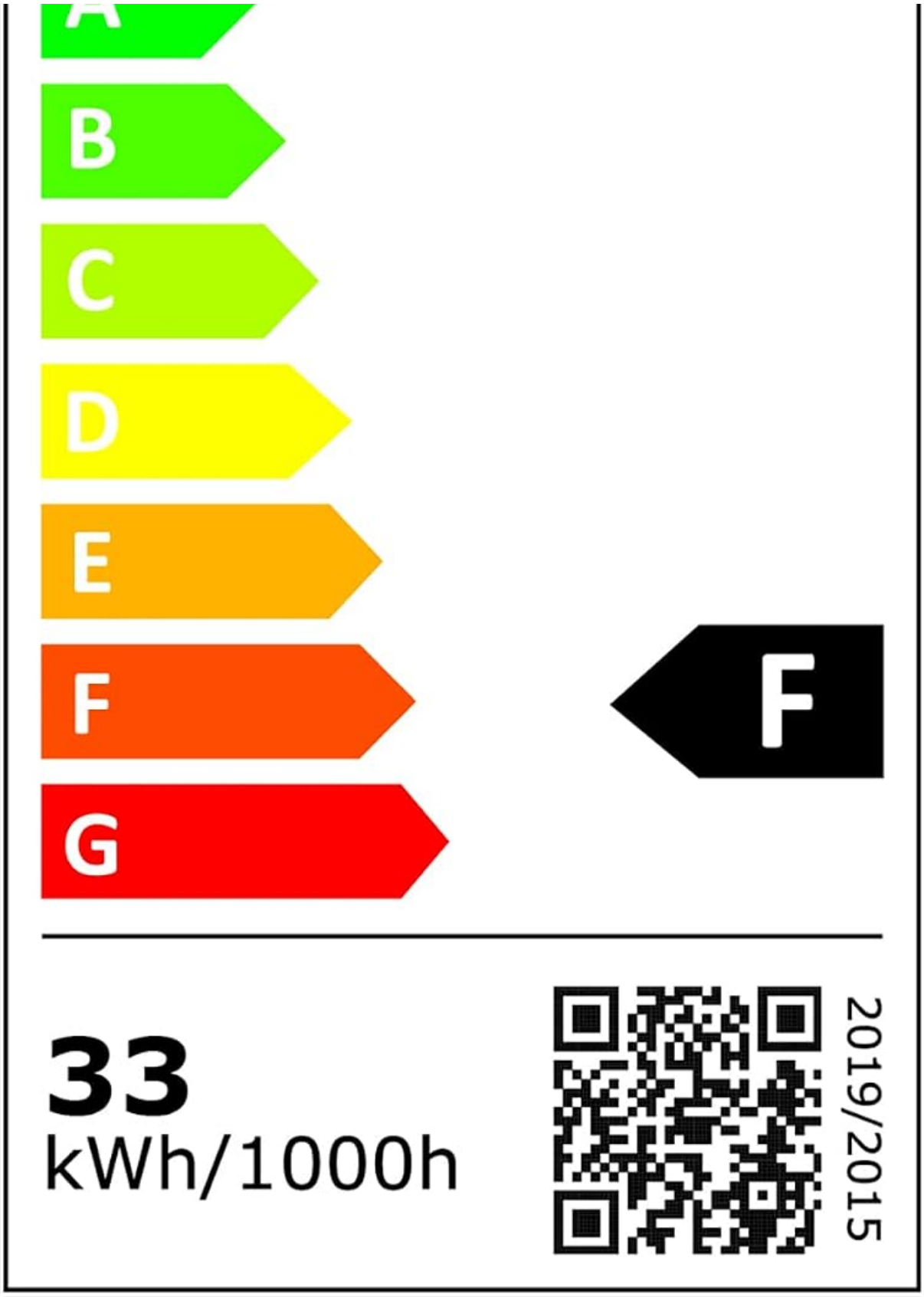


Image: EPREL (European Product Registry for Energy Labelling) information sheet providing comprehensive technical details for the NICREW N28785.

You can access the official EPREL entry for this product using the following link:
EPREL Product Information (QR/1068427)

Warranty and Support

NICREW products are manufactured with quality and reliability in mind. This product comes with a standard

manufacturer's warranty against defects in materials and workmanship. For specific warranty terms, duration, and to obtain technical support or service, please refer to the warranty card included with your product or visit the official NICREW website. Please retain your proof of purchase for warranty claims.

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Question

Example: How do I reset this device or fix this error?

Details

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