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> NANLITE PavoTube II 6C LED RGB Tube: Instruction Manual

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Model: PavoTube II 6C

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your NANLITE PavoTube II 6C LED RGB Tube. Please read this manual thoroughly before operation and retain it for future reference. The PavoTube II 6C is a compact, portable LED light designed for photography and videography, offering a wide range of color temperatures, full RGB control, and various lighting effects.

WHAT'S IN THE BOX

- 1 x PavoTube II 6C LED RGB Tube
- 3 x Metal plates (for magnetic mounting)
- 1 x USB cable (for charging)
- 1 x Anti-lost wrist strap
- 1 x Carrying bag

PRODUCT OVERVIEW

Key Features

- **Compact and Portable:** Weighs only 260g, with dimensions of 1.54 x 1.5 x 9.84 inches, making it easy to carry and handle.
- **Built-in Battery:** Features a 3.7V/2200mAh lithium battery, providing over 65 minutes of operation at full power. Supports USB-C charging.
- **Full-Color RGB Mode:** Offers 360,000 color adjustments with a color temperature range of 2700K to 7500K. High Color Rendering Index (CRI 95) and Television Lighting Consistency Index (TLCI 97) ensure accurate color reproduction.
- **15 Built-in Lighting Effects:** Includes effects such as color cycle, color temperature cycle, flashing, lightning, TV, paparazzi, candle/fire, disco, bad bulb, firework, explosion, and welding to simulate various complex scenes.
- **Durable Construction:** Made from aluminum alloy for robustness, fine surface treatment, and efficient heat dissipation.
- **Wireless Control:** Supports Bluetooth and 2.4G wireless control via the NANLINK APP or an optional handheld remote control.
- **Versatile Mounting:** Equipped with built-in magnets at both ends and 1/4"-20 mounts for flexible placement.

PavoTube II 6C

Limitless Colors · Effortless Load



Image: The PavoTube II 6C highlighting its compact and lightweight design, with dimensions and weight.

Components

The PavoTube II 6C features an intuitive control panel and robust construction. Refer to the image below for a visual guide to its components.



Image: Side view of the PavoTube II 6C showing the control panel with power button, mode button, brightness/color adjustment buttons, and USB-C port.

SETUP

Charging the Battery

The PavoTube II 6C has a built-in lithium-ion battery. Before first use, fully charge the device. Connect the supplied USB cable to the USB-C port on the light and to a compatible USB power source (e.g., power bank, USB adapter). The charging indicator on the display will show the charging status. A full charge provides approximately 65-100 minutes of operation at maximum

brightness.

Lighting Anywhere

Designed to be used on almost any surface,ensuring you always get the perfect light.

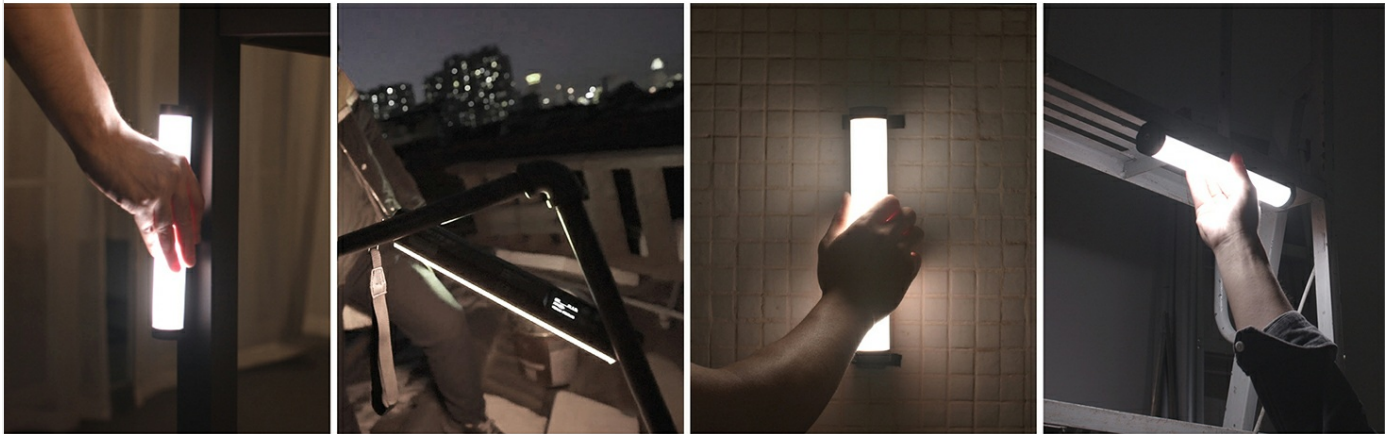


Image: Examples of charging the PavoTube II 6C using a power bank, USB adapter, and a battery grip.

Mounting Options

The PavoTube II 6C offers flexible mounting solutions:

- **Magnetic Mounting:** The light features built-in magnets at both ends. Use the included metal plates to attach the light to non-magnetic surfaces.
- **1/4"-20 Mounts:** Standard 1/4"-20 screw threads are located at both ends, allowing attachment to tripods, light stands, or other accessories.

G/M adjustment

+100 G/M



Image: The PavoTube II 6C demonstrating magnetic attachment to different surfaces for versatile lighting.

OPERATING INSTRUCTIONS

Power On/Off

Press and hold the power button on the control panel for approximately 3 seconds to turn the light on or off.

Mode Selection

Press the "MODE" button to cycle through the available lighting modes: CCT (Correlated Color Temperature), HSI (Hue,

Saturation, Intensity), and Special Effects.

CCT Mode (Color Temperature)

In CCT mode, you can adjust the color temperature from 2700K (warm) to 7500K (cool). Use the '+' and '-' buttons to increase or decrease the color temperature. The G/M (Green/Magenta) adjustment allows for fine-tuning of the color balance.

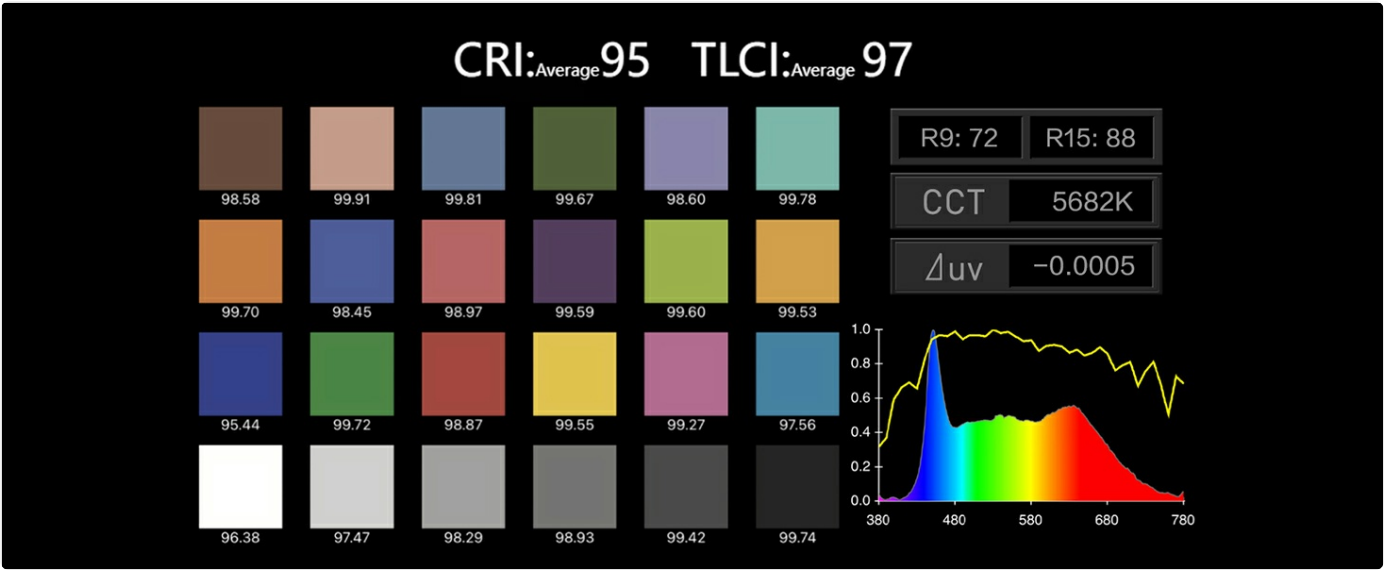


Image: Visual representation of the PavoTube II 6C's CCT mode, showing a range of color temperatures from 2700K to 7500K and G/M adjustments.

HSI Mode (Hue, Saturation, Intensity)

In HSI mode, you have full control over hue, saturation, and intensity to achieve up to 36,000 colors. Use the control buttons to adjust each parameter.

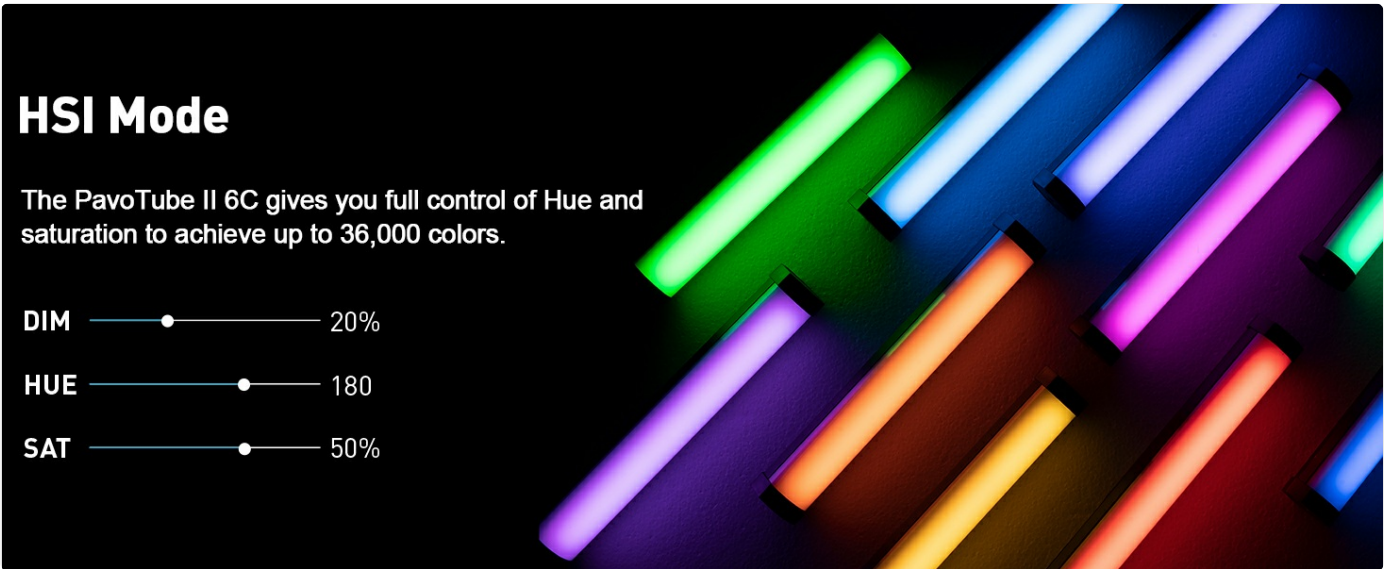


Image: The PavoTube II 6C showcasing its HSI mode with controls for dimming, hue, and saturation to create a wide spectrum of colors.

Special Effects Mode

The PavoTube II 6C includes 15 built-in practical effects to simulate various lighting scenarios. Cycle through the effects using the mode or dedicated effect buttons, and adjust parameters like intensity or speed as needed.

A wide range of color temperature 2700K-7500K

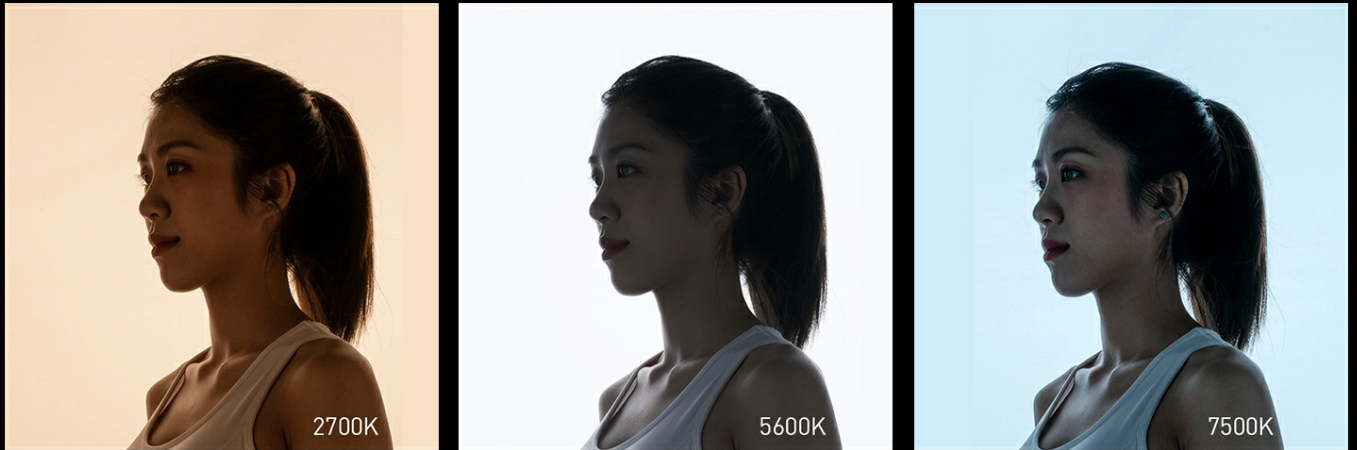


Image: A visual guide to the 15 special effects available on the PavoTube II 6C, such as Hue Loop, CCT Loop, Flash, Storm, and Paparazzi.

Wireless Control

The PavoTube II 6C supports both Bluetooth and 2.4G wireless control. Download the NANLINK APP to your smartphone or tablet for comprehensive remote control over all functions. An optional handheld remote control (sold separately) can also be used.

Your browser does not support the video tag.

Video: Demonstrates the NANLITE PavoTube II 6C LED RGB Tube in use, highlighting its features and wireless control capabilities.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the light. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the light in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the battery regularly, even if not in use, to maintain optimal performance.
- **Firmware Updates:** Check the official NANLITE website or NANLINK APP for any available firmware updates to ensure your device has the latest features and improvements.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Low battery or power button not pressed correctly.	Ensure the battery is charged. Press and hold the power button for 3 seconds.
Cannot connect via Bluetooth/2.4G.	Bluetooth/2.4G is off, or interference.	Ensure wireless control is enabled on the light. Move closer to the light or away from sources of interference. Restart the NANLINK APP.
Light output is dim.	Brightness setting is low or battery is low.	Increase brightness using the '+' button. Recharge the battery.
Inconsistent color output.	Incorrect mode or settings.	Verify the correct mode (CCT/HSI) is selected and adjust parameters accordingly.

SPECIFICATIONS

Feature	Detail
Model Number	PavoTube II 6C
Dimensions	1.54 x 1.5 x 9.84 inches (3.9 x 3.8 x 25 cm)
Weight	10.4 ounces (295 grams)
Color Temperature	2700K - 7500K
CRI	95
TLCI	97
Battery Type	Lithium Ion (3.7V/2200mAh)
Battery Life (Full Power)	Approximately 65-100 minutes
Charging Interface	USB Type C
Connectivity	Bluetooth, 2.4GHz Wireless
Manufacturer	NANLITE

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official NANLITE website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Online resources and FAQs may also be available on the manufacturer's website to assist with common queries and advanced usage tips.