

NANLITE Pico Light

NANLITE Pico Portable LED Fill Light User Manual

Model: Pico Light

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1. INTRODUCTION

The NANLITE Pico Portable LED Fill Light is a compact and versatile lighting tool designed for content creators, photographers, and videographers. Weighing only 130g, this full-color RGB light offers intuitive controls, a bright display, and flexible mounting options, making it ideal for various shooting scenarios from phone photography to live streaming.

2. WHAT'S IN THE BOX

- Pico Pocket Light x1
- Attachable Magnetic Diffuser x1
- Cold Shoe Adapter x1



Pocket light *1



Cold shoe adapter *1



Magnetic attraction diffuser *1

Figure 1: Included items with the NANLITE Pico Portable LED Fill Light.

3. PRODUCT OVERVIEW

The Pico light features a compact, square design with rounded corners, making it easy to handle and transport. It incorporates a single knob and double button design for intuitive one-handed operation.

3.1 Physical Dimensions and Weight

- Dimensions: 2.82 x 1.33 x 1.33 inches (67.3 x 71.6 x 33.7 mm)
- Item Weight: 5.9 ounces (130g)

Extremely portable, a fill light in your pocket

Palm-sized, free to take your light anywhere

Weighs only 130g

Fits easily into your pocket

Single knob + double button design

One-handed adjustment of parameters

1.28-inch round screen

Clear and intuitive, at a glance

Magnetic base

Magnetic adsorption on the bottom
Convenient for shooting

130g

3.37cm

7.16cm

6.73cm

SIZE: 67.3x71.6x33.7mm/2.65x2.82x1.33

Figure 2: The compact size of the Pico light, fitting comfortably in one hand.

3.2 Controls and Display

The device features a 1.28-inch round color screen that displays all essential parameters clearly. Control is managed via a multi-function knob and two buttons, allowing for quick adjustments and mode switching.

pico



Nebula C4

Specially-developed Light Engine

- 36,000 Rich Colors
- 14 Special Effects
- 2700K-7500K Wide CCT Range
- G/M+150 Green/Magenta Adjustment
- Knob + APP dual control



Full Wireless Control



Charged/
powered
via USB-C



Adjustable CCT and Green/Magenta

Fine tune skin tone



Brightness 0-100%adjust

Magnetic Design + Flexible Flip

Attach anywhere



magnetic
diffuser



magnetic
base



stepped
yoke

1500mAh

Built-in lithium battery:
1.3 hours of runtime with full brightness



Cold Shoe Adapter

Attach to the
camera effortlessly

Figure 3: Detailed view of the intuitive round display screen.

3.3 Mounting Options

The Pico light is equipped with a versatile U-shaped frame that includes a magnetic base and a 1/4"-20 mounting thread. This allows for attachment to various surfaces and accessories.

Full scene adaptation

one light for multiple uses

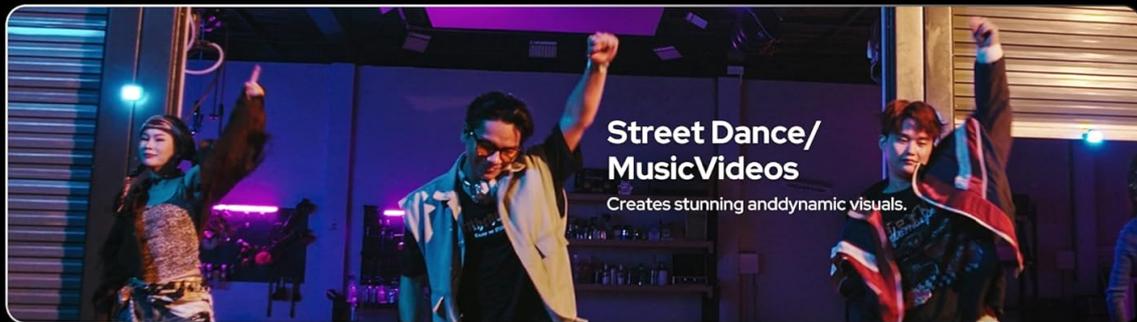
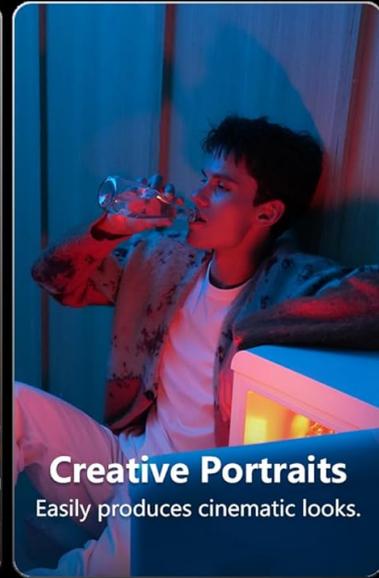
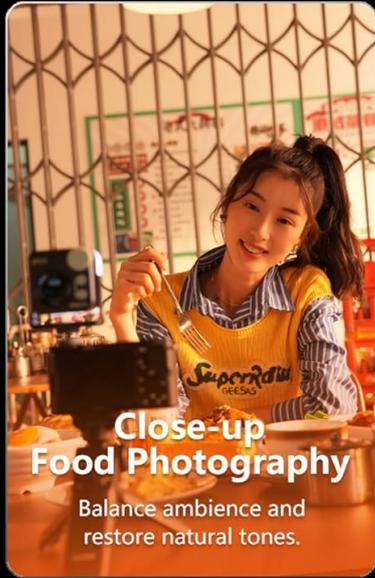


Figure 4: Magnetic base and 1/4"-20 mount for flexible positioning.

3.4 Adjustable U-Frame

The U-shaped frame allows for stepped adjustment in 30° increments, providing 12 pitch adjustment angles for flexible light positioning.



Figure 5: Flexible U-frame with 12 pitch adjustment angles.

4. SETUP

4.1 Charging the Device

The Pico light has a built-in 1500mAh lithium battery. Connect a USB-C cable (not included) to the USB-C port on the side of the device to charge. The screen will display the charging status and estimated remaining runtime.

4.2 Attaching the Diffuser

The included magnetic diffuser can be easily attached to the front of the light. It snaps securely into place, softening the light output.

4.3 Mounting the Light

- **Cold Shoe Adapter:** Attach the cold shoe adapter to the 1/4"-20 thread on the U-frame, then slide it onto a camera's hot shoe or a cold shoe mount on a rig.
- **Tripod/Light Stand:** Directly mount the Pico light onto any tripod or light stand with a 1/4"-20 screw.
- **Magnetic Attachment:** Utilize the magnetic base of the U-frame to attach the light to any metallic surface.

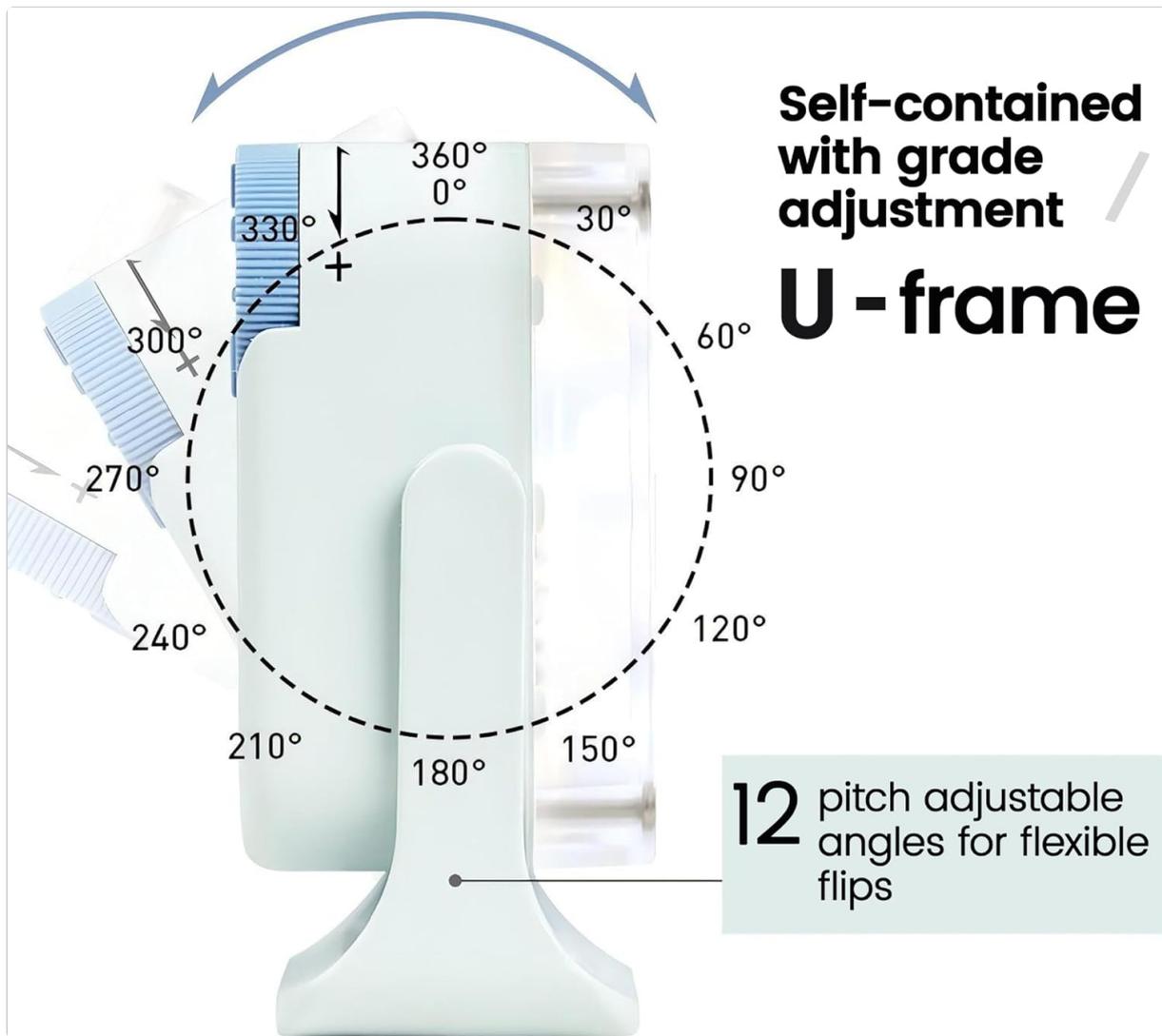


Figure 6: Charging port, physical controls, and battery life display.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

To power on the Pico light, press and hold the 'M' (Mode/Power) button for a few seconds, then rotate the large dial to confirm. To power off, press and hold the 'M' button again.

5.2 Navigating Menus and Adjusting Settings

- **Mode Button (M):** Short press to cycle through the main operating modes: CCT Mode, HSI Mode, Effect Mode, and Settings.
- **Switch Button (Circular Arrows):** In each mode, short press this button to switch between different adjustable parameters (e.g., Dim, CCT, G/M in CCT Mode; Hue, Saturation, Intensity in HSI Mode).
- **Control Dial:** Rotate the large dial to adjust the value of the currently selected parameter.

5.3 CCT Mode (Correlated Color Temperature)

In CCT Mode, you can adjust the color temperature from 2700K (warm) to 7500K (cool) and fine-tune the green/magenta balance (G/M) to match ambient lighting or achieve specific creative looks. The dimming percentage can also be adjusted from 0-100%.

5.4 HSI Mode (Hue, Saturation, Intensity)

HSI Mode allows for full-color control. Adjust the Hue (0-360°) to select any color in the spectrum, Saturation (0-100%) to control the color's intensity, and Dimming (0-100%) for overall brightness.

5.5 Effect Mode

The Pico light includes 14 built-in special effects to enhance your creative projects. These effects include: Hue Loop, CCT Flash, Hue Flash, CCT Pulse, Hue Pulse, Storm, Police Car, TV, Paparazzi, Candle/Fire, Disco, Bad Bulb, Fireworks, and Explosion. Use the control dial to select and adjust parameters for each effect.

Video 1: A user demonstrating the various color and effect modes of the Nanlite Pico light, including CCT, HSI, and special effects like Police Car and Fireworks. This video highlights the intuitive controls and the light's versatility for creative lighting.

5.6 App Control (Bluetooth)

The Pico light supports Bluetooth connectivity, allowing you to control all settings and modes remotely via the NANLINK app on your smartphone. This is particularly useful for adjusting the light when it's placed in hard-to-reach locations or for synchronizing multiple Pico lights.

Video 2: A user showcasing the compact size and app control features of the Nanlite Pico light, demonstrating how easily it fits into a small bag and can be controlled wirelessly for various lighting setups.

6. FEATURES

- **Ultra-Compact & Lightweight:** Weighs only 130g, easily fits into a pocket for on-the-go shooting.
- **Intuitive Controls:** Single knob and double button design for effortless one-handed parameter adjustment.
- **Vivid Display:** 1.28-inch round color screen for clear and intuitive parameter display.
- **Long Battery Life:** Built-in 1500mAh lithium battery provides 1.3 to 6.5 hours of runtime depending on brightness.
- **Flexible Mounting:** U-shaped frame with magnetic base and 1/4"-20 thread, offering 12 pitch adjustment angles.
- **High Illumination:** Delivers up to 4211 lux at 0.3m/5600K (bare light).
- **Magnetic Diffuser:** Standard inclusion for instant soft light.
- **Full Color & Effects:** 36,000 rich colors and 14 special effects for creative lighting.
- **Professional Color Reproduction:** High CRI (Average 95) and TLCI (Average 95) for accurate colors.



Small power, Big illumination

4211 lux@0.3m/5600K [Bare Light]

Figure 7: High illumination output of the Pico light.



One second soft light, quick switch

Standard with mag-netic soft light cover, click can get a fine soft light plus

Figure 8: Magnetic diffuser for soft light in a second.

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SIZE: 67.3x71.6x33.7mm/2.65x2.82x1.33

Figure 9: 36,000 colors for diverse lighting needs.



Figure 10: 14 built-in effects to unlock creativity.



Figure 11: Professional-grade color reproduction for accurate lighting.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the light. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the light in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, charge the device regularly and avoid fully discharging it for extended periods.

8. TROUBLESHOOTING

- **Light not turning on:** Ensure the battery is charged. Press and hold the 'M' button, then rotate the dial to confirm power-on.
- **Battery not charging:** Check the USB-C cable and power adapter. Ensure they are properly connected and functional.
- **App connectivity issues:** Reset Bluetooth on the device via the settings menu and restart the NANLINK app. Ensure the device is within Bluetooth range.
- **Inaccurate color output:** Perform a factory reset via the settings menu or recalibrate using the NANLINK app.

9. SPECIFICATIONS

Attribute	Value
Product Dimensions	2.82 x 1.33 x 1.33 inches
Item Weight	5.9 ounces
Item model number	Pico Light
Batteries	1 Lithium Ion batteries required.
Brand	NANLITE
Connectivity Technology	Bluetooth
Hardware Interface	USB Type C

10. WARRANTY & SUPPORT

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

Website: www.nanlite.com

Customer Service: Refer to the contact section on the official website for regional support details.