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Nitecore NWL30

Nitecore NWL30 User Manual

3000 LUMEN USB-C RECHARGEABLE OUTDOOR LANTERN WORK LIGHT

Brand: Nitecore | Model: NWL30

Introduction

This manual provides detailed instructions for the safe and effective operation, maintenance, and troubleshooting of your Nitecore NWL30 Outdoor Lantern Work Light. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

Package Contents

Upon unboxing, please verify that all items listed below are present and in good condition:

- Nitecore NWL30 Lantern
- USB-C Charging Cable
- Storage Case



Image: The Nitecore NWL30 lantern, its USB-C charging cable, and a Nitecore sticker, indicating the typical package contents.

Key Features

- **High Brightness Output:** Features a maximum output of 3,000 lumens with a beam throw of up to 131 yards.



Specifications

Dimensions: 106.4mm × 121.8mm × 52.7mm (4.19" × 4.80" × 2.07")

Weight: 515g±5g (18.17 oz±0.1 oz)(Accessories Not Included)

FL1 STANDARD	White Light		Red Light	
	HIGHEST	LOWEST	CONSTANT-ON	SLOW FLASHING
	3,000 Lumens	50 Lumens	25 Lumens	25 Lumens
	7h 30min	130h	80h	-
	120m	16m	6m	-
	3,577cd	64cd	10cd	-
	1m			
	IP66			

Note: The stated data is measured by using the built-in 18,000mAh rechargeable Li-ion battery (3.6V) in accordance with the international flashlight testing standards ANSI/PLATO FL 1-2019 at an ambient temperature of 26°C (79°F) from the NITECORE Lab. The data may vary in real world use due to different environmental conditions.

* This product is equipped with a thermal protection function, which automatically regulates the output of the product according to the working condition to maintain the optimal performance.

Image: The NWL30 lantern casting a powerful 3000-lumen beam, reaching up to 131 yards, illuminating a dark path.

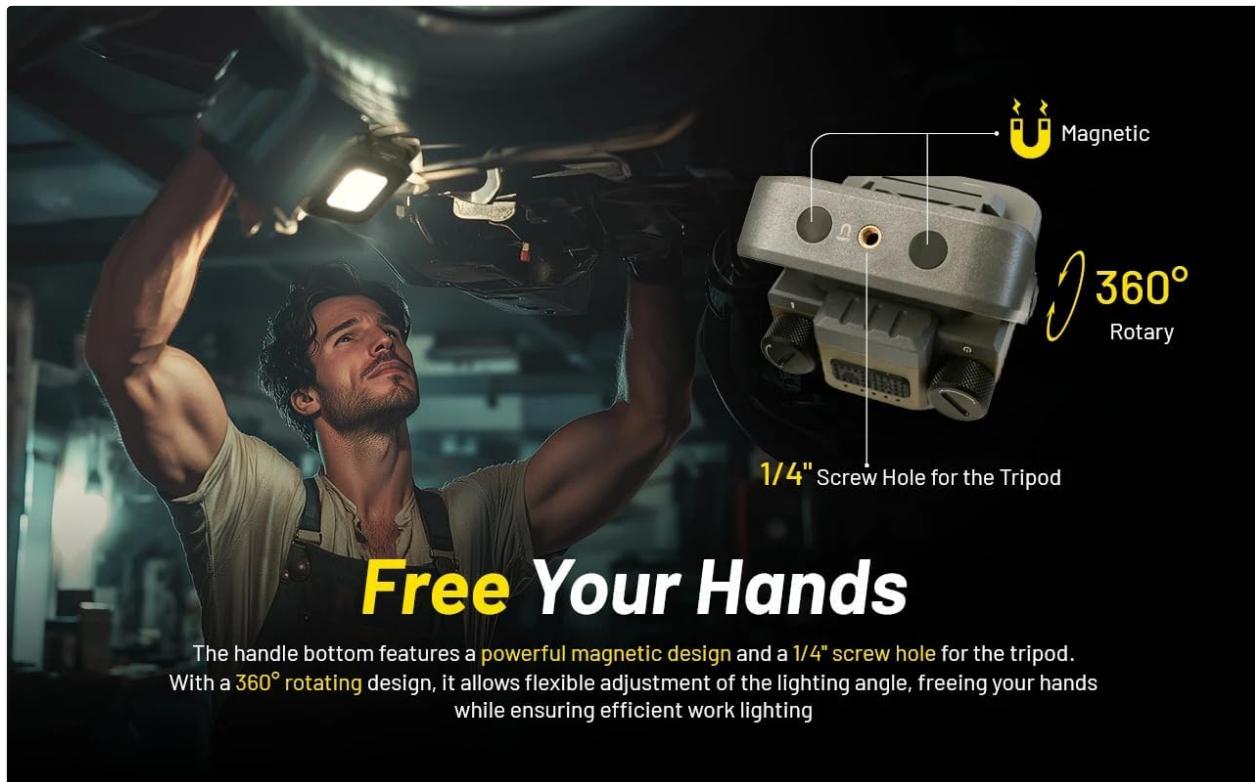
- **Adjustable Color Temperature:** Stepless adjustment from 6500K (Cool White) to 2700K (Warm Light) to suit various lighting needs.
- **Versatile Red Light Modes:** Includes constant-on and slow flashing red light modes for signaling or preserving night vision.

Red Light



Image: The NWL30 lantern emitting a red light, suitable for maintaining night vision or as an emergency signal.

- **Extended Runtime:** Provides up to 130 hours of continuous light on its lowest white light setting and 80 hours on constant-on red light.



Free Your Hands

The handle bottom features a powerful magnetic design and a $1/4"$ screw hole for the tripod. With a 360° rotating design, it allows flexible adjustment of the lighting angle, freeing your hands while ensuring efficient work lighting

Image: The NWL30 lantern showcasing its 18000mAh high-capacity battery, capable of providing extended runtime for prolonged use.

- **Emergency Power Bank:** Equipped with USB-C (20W In/Out) and USB-A (18W Out) ports to charge external devices.

Emergency Power

18,000mAh high capacity available with QC two-way fast charging. It is compatible with various mainstream and low-current devices, providing a worry-free experience.



Image: The NWL30 lantern demonstrating its power bank capability, charging a smartphone and another small device via its USB-C and USB-A output ports.

- **Durable and Weatherproof:** IP66 rated for splash and dust resistance, and boasts a 1-meter impact resistance.

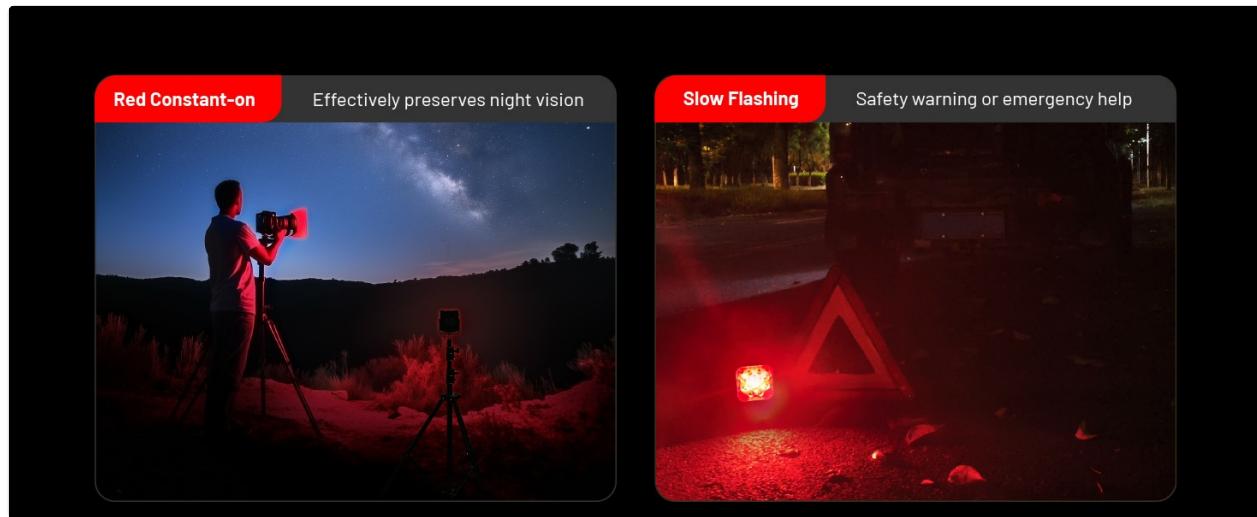


Image: A construction worker standing in the rain, illustrating the IP66 water and dust resistance of the NWL30 lantern, suitable for harsh outdoor conditions.

- **Flexible Mounting Options:** Features a magnetic base and a 1/4-inch screw hole for tripod compatibility.

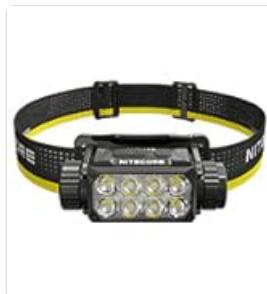


Image: A hand attaching the NWL30 lantern to a metal surface, demonstrating its magnetic stand for versatile placement.



Image: A close-up view of the NWL30's base, highlighting the universal 1/4-inch screw hole for tripod mounting.

Setup and Initial Use

Charging the NWL30

Before first use, fully charge the NWL30. Connect the provided USB-C charging cable to the USB-C port on the lantern and to a power source (e.g., USB wall adapter, computer USB port). The power indicator lights will show charging progress. A full charge takes approximately 3.6 hours.

Operating Instructions

Power On/Off and Brightness Adjustment

The NWL30 features intuitive dual knob operation:

- To turn on the lantern, rotate the **left dial** (brightness control) clockwise. It will start at 50 lumens.
- Continue rotating the left dial clockwise to gradually increase the brightness up to 3,000 lumens.
- To turn off the lantern, rotate the left dial counter-clockwise until you hear a click.

Color Temperature Adjustment

- To adjust the color temperature, rotate the **right dial** (color temperature control).
- Rotate clockwise for cooler white light (up to 6500K) and counter-clockwise for warmer white light (down to 2700K).

18000mAh High Capacity
Runtime up to 16 Days

The NWL30 is powered by the built-in 18,000mAh 3.6V (64.8Wh) battery with USB-C 20W fast charging, allowing for using while charging.

It can provide a runtime of over 16 days* at the 50-lumen level of white light on a full charge.

	NWL30		275%	18,000mAh
	Competitor		10,000mAh	
	Competitor		4,800mAh	

* When using the lighting function only, the 50-lumen white light provides up to 130 hours of runtime, lasting over 16 days based on 8 hours of use per day.



Image: The top view of the NWL30 lantern, illustrating its dual knob design for stepless adjustment of both brightness and color temperature.

Red Light Operation

- To activate the red light, press and hold the button marked with an 'R' on the top panel.
- Press the 'R' button again to switch between constant-on red light and slow flashing red light.
- To turn off the red light, press and hold the 'R' button.

Your browser does not support the video tag.

Video: An official product video demonstrating the various features and operational aspects of the Nitecore NWL30 lantern, including its brightness, color temperature adjustment, and power bank function.

Power Bank Functionality

The NWL30 can serve as an emergency power bank for your electronic devices. It features two output ports:

- **USB-C Port:** Provides 20W input/output, allowing for fast charging of the lantern itself and external devices.
- **USB-A Port:** Provides 18W output for charging other devices.

Simply connect your device to the appropriate USB port on the NWL30 using its charging cable.

Mounting Options

The NWL30 offers flexible mounting solutions for hands-free operation:

- **Magnetic Base:** The integrated magnetic base allows the lantern to be securely attached to any ferrous metal

surface.

- **Tripod Compatibility:** A standard 1/4-inch screw hole is located on the base, enabling attachment to tripods or other mounting accessories.

Maintenance

To ensure the longevity and optimal performance of your NWL30 lantern, follow these maintenance guidelines:

- Clean the surface of the lantern with a soft, damp cloth. Avoid using abrasive cleaners or solvents.
- Keep the USB ports clean and free from dust or debris. Ensure the rubber cover for the ports is securely closed when not in use to maintain IP66 rating.
- Store the lantern in a cool, dry place when not in use for extended periods.
- For accidental activation prevention during transport or storage, rotate the handle over the knobs and buttons.

Troubleshooting

If you encounter issues with your NWL30, please refer to the following common troubleshooting steps:

- **Lantern not turning on:** Ensure the battery is charged. Connect to a power source and check the charging indicator.
- **Dim light output:** The battery might be low. Recharge the device. Also, ensure the brightness dial is turned to the desired level.
- **External device not charging:** Check the connection cable. Ensure the NWL30 has sufficient battery charge.
- **Intermittent operation:** Ensure the USB port cover is fully sealed to prevent water or dust ingress.

If problems persist, please contact Nitecore customer support for further assistance.

Specifications

Attribute	Value
Brand	Nitecore
Model Number	NWL30
Item Weight	1.13 Pounds
Product Dimensions	4.8 x 4.19 x 2.07 inches
Color	Black
Light Source Type	Light Emitting Diode (LED)
Material	Aluminum
Power Source	Battery Powered (1 Nonstandard Battery included)
Brightness	3000 Lumen
Water Resistance Level	IP66 (Water Resistant)
Impact Resistance	1 Meter
Manufacturer	Sysmax Innovations Co.

Warranty and Support

Nitecore products are backed by a warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Nitecore website. For technical support or service inquiries, please contact Nitecore customer service through their official channels.

Nitecore Official Website: www.nitecore.com

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Related Documents - NWL30

The thumbnail image shows the front cover of the NITECORE NWL30 User Manual. It features the product name 'NITECORE NWL30' at the top, followed by a large image of the NWL30 device, which is a compact, rectangular device with a built-in screen and various buttons. Below the image, there is descriptive text in English.	<p><u>NITECORE NWL30 User Manual: Multi-functional Flashlight, Mosquito Repellent, and Power Bank</u></p> <p>Comprehensive user guide for the NITECORE NWL30, a versatile 3-in-1 device featuring a powerful LED flashlight with adjustable color temperature, an effective mosquito repellent, and a high-capacity 18000mAh power bank. This manual details its functions, specifications, operation, and safety precautions.</p>
The thumbnail image shows the front cover of the NITECORE LR60 Campbank Plus User Manual. It features the product name 'NITECORE LR60 Campbank Plus' at the top, followed by a large image of the LR60 device, which is a rectangular lantern with a built-in power bank. Below the image, there is descriptive text in English.	<p><u>NITECORE LR60 Campbank Plus: User Manual and Product Guide</u></p> <p>A comprehensive user guide for the NITECORE LR60 Campbank Plus, a versatile LED camping lantern and power bank. Learn about its features, specifications, battery options, charging functions, and safe usage.</p>
The thumbnail image shows the front cover of the Nitecore NWL30 User Manual in Ukrainian. It features the product name 'Nitecore NWL30' at the top, followed by a large image of the NWL30 device, which is a compact, rectangular device with a built-in screen and various buttons. Below the image, there is descriptive text in Ukrainian.	<p><u>Посібник користувача Nitecore NWL30: Багатофункціональний світлодіодний ліхтар, репелер від комарів та Power Bank</u></p> <p>Вичерпний посібник користувача для Nitecore NWL30 – універсального пристрою, що поєднує світлодіодний ліхтар, репелер від комарів та павербанк. Дізнайтесь про його функції, характеристики, експлуатацію та заходи безпеки.</p>
The thumbnail image shows the front cover of the Nitecore NU27 Headlamp User Manual. It features the product name 'Nitecore NU27' at the top, followed by a large image of the NU27 headlamp, which is a compact, rectangular device with a built-in screen and various buttons. Below the image, there is descriptive text in English.	<p><u>Nitecore NU27 Headlamp User Manual: Features, Specifications, and Operation Guide</u></p> <p>Comprehensive user manual for the Nitecore NU27 headlamp. Learn about its features, technical specifications, charging, and detailed operation instructions for all modes, including brightness levels, red light, and special functions.</p>
The thumbnail image shows the front cover of the NITECORE LR60 Campbank Plus User Manual. It features the product name 'NITECORE LR60 Campbank Plus' at the top, followed by a large image of the LR60 device, which is a rectangular lantern with a built-in power bank. Below the image, there is descriptive text in English.	<p><u>NITECORE LR60 Campbank Plus: Camping Lantern & Power Bank User Manual</u></p> <p>Comprehensive user manual for the NITECORE LR60 Campbank Plus, detailing features, specifications, operation as a camping lantern and power bank, battery options, technical data, and warranty information.</p>



[Nitecore NU25 / NU25 UL Dual Beam USB-C Rechargeable Headlamp User Manual](#)

User manual for the Nitecore NU25 and NU25 UL dual beam USB-C rechargeable headlamps. Details features, specifications, charging, operation modes (spotlight, floodlight, red light, SOS, beacon), power indication, warnings, and warranty.