

## Nitecore EDC07

# Nitecore EDC07 Flat EDC Flashlight Instruction Manual

Model: EDC07 | Brand: Nitecore

## 1. PRODUCT OVERVIEW

---

The Nitecore EDC07 is a compact and lightweight everyday carry (EDC) flashlight designed for versatility and ease of use. It features a flat body, USB-C recharging, and multiple color temperature options to suit various lighting needs.

- **Lightweight Flat EDC Design:** Delivers up to 1,500 lumens in a flat, pocket-friendly body weighing just 2.47 oz (70g), ensuring comfortable daily carry.
- **Triple Color Temperature:** Offers cool white, neutral white, and warm high-CRI light for different environments and tasks.
- **Simple, Intuitive Operation:** Dual-button controls provide quick access to brightness levels and emergency modes.
- **Long Runtime with Ultralow Mode:** Built-in rechargeable battery supports extended use, with an ultralow mode lasting up to 360 hours.
- **Modern USB-C Rechargeable:** Conveniently charges via USB-C, compatible with common cables and power banks.
- **Built for Daily Use:** Durable body sealed against dust and rain (IP67-rated) for reliability in various conditions.



Image 1.1: The Nitecore EDC07 flashlight, highlighting its ultra-slim and lightweight design, high CRI, and three color temperatures.

## 2. PACKAGE CONTENTS

---

Verify that all items are present in your package:

- Nitecore EDC07 Flashlight
- USB-C Charging Cable
- Lanyard
- Belt Clip

## 3. GETTING STARTED

---

### 3.1 Initial Charging

Before first use, fully charge the EDC07 flashlight. Connect the included USB-C charging cable to the flashlight's USB-C port and to a power source (e.g., USB wall adapter, computer USB port, power bank).

## USB-C Rechargeable Uninterrupted Lighting

With a built-in 1,500mAh Li-ion battery and a USB-C port, the EDC07 provides up to 360 hours of lighting at the 1-lumen ULTRALOW level and supports simultaneous charging and use – no more battery anxiety.



Image 3.1: The EDC07 flashlight being charged via its USB-C port.

### 3.2 Attaching Lanyard/Clip

Attach the lanyard to the designated loop on the flashlight for secure carrying. The belt clip can be attached or removed as needed for pocket or belt carry.

## 4. OPERATION

The EDC07 features a dual-button interface for intuitive control.



Image 4.1: Illustration of the EDC07's dual-button controls: Tail Button for On/Off and M Button for mode switching.

## 4.1 Basic On/Off

- **To Turn On:** Press the Tail Button.
- **To Turn Off:** Press the Tail Button again.

## 4.2 Brightness Levels

With the flashlight on, press the M Button to cycle through brightness levels (e.g., Ultralow, Low, Mid, High, Turbo). The flashlight will remember the last used brightness level for general modes.

## 4.3 Color Temperature Selection

The EDC07 offers three distinct color temperatures:

- **Warm Light (3000K, CRI 97):** Ideal for close-up work, reading, and situations where accurate color rendering is important, such as plant observation or electrical inspections.
- **Neutral White (4500K, CRI 83):** A balanced light suitable for everyday tasks and general illumination around the house.
- **Cool White (6500K, CRI 73):** Provides maximum brightness and throw, best for outdoor walks, distance illumination, and night patrol.

To switch between color temperatures, refer to the specific instructions in your product's detailed manual or experiment with the M button while the light is on.



Image 4.2: The three color temperature options of the EDC07 and their recommended applications.

## 4.4 Special Modes (Turbo, Strobe, SOS)

Access to special modes typically involves specific button combinations:

- **Turbo:** Often activated by a quick double-press of the M Button or Tail Button from ON state.
- **Strobe/SOS:** Usually activated by a triple-press or a long press of the M Button or a combination of M Button and Tail Button. Consult the full manual for precise activation sequences.

Your browser does not support the video tag.

Video 4.1: A demonstration of the Nitecore EDC07's three light tones (color temperatures) and their visual differences.

## 4.5 Power Indication

The EDC07 features an intuitive power indicator to show the remaining battery level and charging status.

- **Charging:** Indicator lights will flash.
- **Fully Charged:** Indicator lights will be solid.

Battery Level Indication:

- 4 Constant-on lights: 75% - 100%
- 3 Constant-on lights: 50% - 75%
- 2 Constant-on lights: 25% - 50%
- 1 Constant-on light: 10% - 25%
- 1 Flashing light: <10% (Recharge the product as soon as possible)



Image 4.3: The intuitive display showing power indication levels.

## 5. CHARGING

The Nitecore EDC07 is equipped with a built-in 1,500mAh Li-ion battery and a USB-C charging port. This allows for convenient recharging using standard USB-C cables and power adapters.

- Connect the USB-C cable to the flashlight's charging port.
- Connect the other end of the cable to a USB power source.
- The power indicators will show charging status (flashing while charging, solid when fully charged).
- The flashlight supports simultaneous charging and use at the 1-lumen ultralow level.

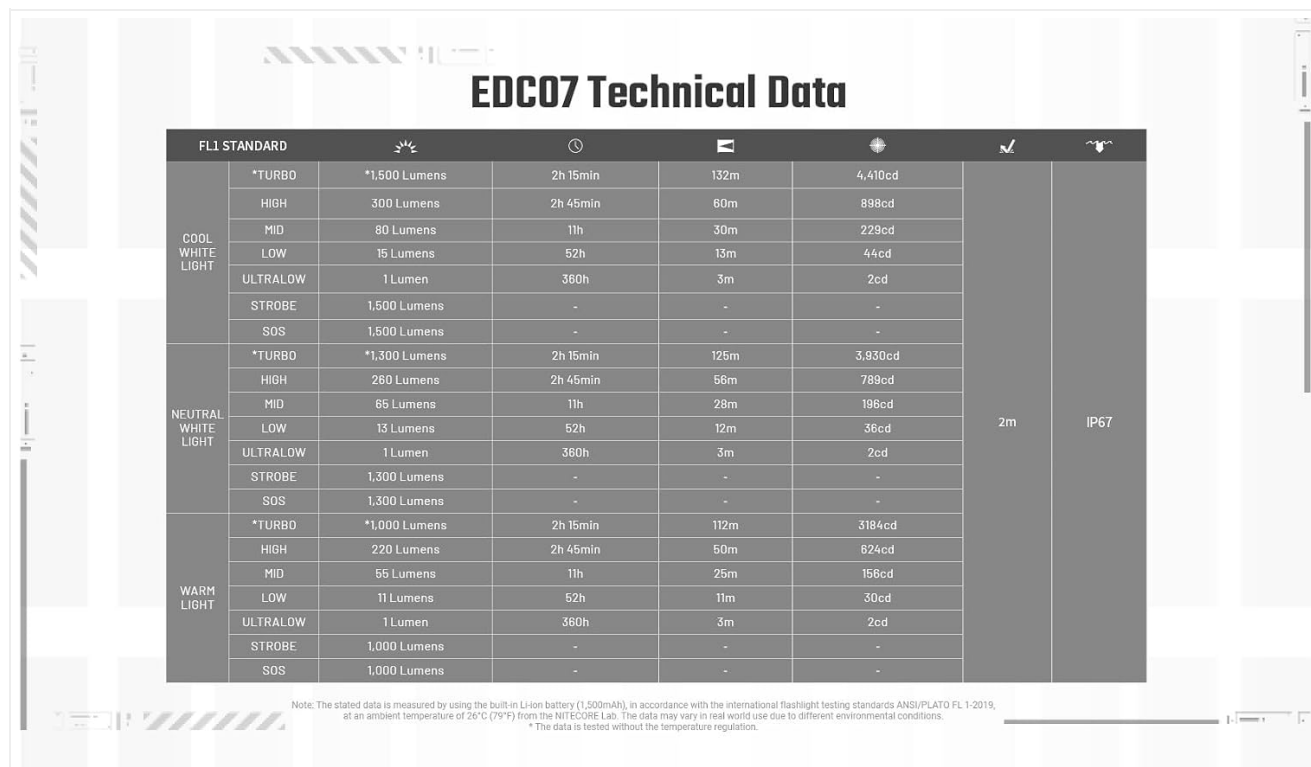
## 6. MAINTENANCE

To ensure the longevity and optimal performance of your Nitecore EDC07 flashlight, follow these maintenance guidelines:

- **Cleaning:** Wipe the flashlight body with a soft, damp cloth to remove dirt or debris. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the flashlight in a cool, dry place away from direct sunlight and extreme temperatures.
- **Charging:** Recharge the battery regularly, even if not in frequent use, to maintain battery health. Avoid completely draining the battery for extended periods.
- **Water Resistance:** While IP67 rated, ensure the USB-C port cover is securely closed to maintain water and dust resistance.

## 7. SPECIFICATIONS

The following table details the technical specifications of the Nitecore EDC07 Flat EDC Flashlight:



FL1 STANDARD							
COOL WHITE LIGHT	*TURBO	*1,500 Lumens	2h 15min	132m	4,410cd	2m	IP67
	HIGH	300 Lumens	2h 45min	60m	898cd		
	MID	80 Lumens	1h	30m	229cd		
	LOW	15 Lumens	52h	13m	44cd		
	ULTRALOW	1 Lumen	360h	3m	2cd		
	STROBE	1,500 Lumens	-	-	-		
	SOS	1,500 Lumens	-	-	-		
NEUTRAL WHITE LIGHT	*TURBO	*1,300 Lumens	2h 15min	125m	3,930cd		
	HIGH	280 Lumens	2h 45min	58m	789cd		
	MID	65 Lumens	1h	28m	196cd		
	LOW	13 Lumens	52h	12m	36cd		
	ULTRALOW	1 Lumen	360h	3m	2cd		
	STROBE	1,300 Lumens	-	-	-		
	SOS	1,300 Lumens	-	-	-		
WARM LIGHT	*TURBO	*1,000 Lumens	2h 15min	112m	3184cd		
	HIGH	220 Lumens	2h 45min	50m	624cd		
	MID	55 Lumens	1h	25m	158cd		
	LOW	11 Lumens	52h	11m	30cd		
	ULTRALOW	1 Lumen	360h	3m	2cd		
	STROBE	1,000 Lumens	-	-	-		
	SOS	1,000 Lumens	-	-	-		

Note: The stated data is measured by using the built-in Li-Ion battery (1,500mAh), 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.  
\* The data is tested without the temperature regulation.

Image 7.1: Technical data table for the Nitecore EDC07, detailing performance across different light modes and color temperatures.

### Nitecore EDC07 Key Specifications

Feature	Detail
Model Number	EDC07
Light Output Maximum	1500 Lumens
Color Temperature	3000K (Warm), 4500K (Neutral), 6500K (Cool)
Runtime (Ultralow)	Up to 360 hours
Power Source	Built-in Lithium Polymer Battery
Charging Port	USB-C
Water Resistance Level	IP67
Material	Polycarbonate
Item Weight	2.4 ounces (70g)

Feature	Detail
Item Dimensions (L x W x H)	4.72" x 1.22" x 0.83"

## 8. WARRANTY AND SUPPORT

---

The Nitecore EDC07 comes with a **2-year manufacturer warranty**. For warranty claims, technical support, or further inquiries, please contact Nitecore customer service or visit the official Nitecore store.

Official Nitecore Store: [Nitecore Amazon Store](#)