



New to the range, the P23i is a powerful, long-range torch: it shines up to 470 metres and has a maximum output of 3,000 lumens.

Its strobe mode is therefore particularly blinding. It can be activated directly via the Strobe Ready switch, which is useful during tactical operations.

The torch is designed with Daily and Tactical modes, offering 5 brightness levels for lighting suited to every situation.

The rear tactical switch allows for one-handed operation.

A latest-generation tactical torch, the P23i is compatible only with 21700i batteries.

Conveniently, it charges directly via its built-in USB-C port.

The design of the torch base has been updated for this new model with a 3-in-1 version that prevents accidental activation, allows for a wrist strap to be attached, and enables the torch to stand upright on its base.

In an emergency, the P23i's head is fitted with highly durable ceramic 'balls' that act as a window breaker.

Please note: this torch model is only compatible with batteries from the HPI range; it will not work with a standard 21700 battery.



Nitecore P23i

How to use:

Tactical momentary switch: press the main button halfway to turn the torch on momentarily; as soon as you release it, the torch will switch off.

ON/OFF: Press the rear round button fully to switch the torch on; press it fully again to switch it off.

User modes:

The P23i offers 2 user modes for different users and situations.

Daily mode (default setting): In this mode, 5 brightness levels (Turbo, High, Medium, Low, and Very Low) and Strobe mode are available. The P23i will remember and return to 4 of the brightness levels (excluding Turbo) or Strobe mode when reactivated, unless it has been switched to the other user mode.

Tactical mode: In this user mode, only 4 brightness levels (Turbo, Medium, Low and Very Low) and Strobe mode are available. The P23i will only remember and return to Turbo and Strobe modes when reactivated, unless it has been switched to the other user mode.

Selecting the user mode:

Ensure the rear cap is fully tightened.

Hold down the MODE (STROBE READY)[™] button on the tail cap and the torch will enter TURBO mode or STROBE mode whilst simultaneously unscrewing the tail cap.

Once the rear cap is loosened, the primary white LED will indicate the selected user mode by flashing once for daily mode and twice for tactical mode.

Release the MODE (STROBE READY)[™] button and tighten the tail cap.

Brightness levels:

When the torch is on, simply press the mode button to cycle through the different brightness levels.

Instant strobe:

When the torch is off in either user mode, hold down the MODE (STROBE READY)[™] button to enter STROBE mode. Release to turn it off.

When the torch is on in either user mode, press the MODE (STROBE READY)[™] button three times to enter STROBE mode. Briefly press the MODE (STROBE READY)[™] button to return to the previous state, or press the power button to switch the torch off. (This will save the STROBE mode.)

Tactical mode: When the torch is on, press and hold the MODE (STROBE READY)[™] button to enter STROBE mode. Press the MODE (STROBE READY)[™] button briefly to return to the previous state, or press the power button to return to the previous state, or press the power button to switch the torch off. (This will not save the STROBE mode)



Nitecore P23i

Charging the torch:

The P23i is equipped with a smart charging system. After inserting the battery and tightening the rear cap, use the USB cable to connect an external power source (e.g. a USB adapter or other USB charging devices) to the charging port to start the charging process.

During the charging process, the power indicator flashes slowly to inform the user.

When the battery is fully charged, the P23i stops the charging process and the power indicator lights up steadily to inform the user.

When the torch is switched on, connecting it to a power source will automatically switch the light off. The torch automatically switches to LOW mode when disconnected from the power source.

The charging time for a 21700i Li-ion battery (5000mAh) is approximately 3 hours and 50 minutes. (Charged via the 5V/2A adapter)

Battery level:

There is an indicator light on the side of the torch; when a battery is inserted or when the torch is disconnected after charging, it will flash 4 times, pause, then flash 2 times to indicate a voltage of 4.2V, for example.

When the lamp is switched on, the indicator remains blue if the battery level is above 50%, flashes slowly if the battery level is below 50% and flashes rapidly if the battery level is below 10%

ATR technology:

The lamp is equipped with an intelligent temperature control system that prevents the lamp from overheating and increases battery life.

It automatically regulates the light output according to the lamp's temperature.

Maintenance:

Every 6 months, the lamp's thread should be cleaned with a clean cloth and coated with a silicone-based lubricant.

Specifications

- LUMINUS SFT-70 LED
- 5 regulated light modes + Strobe
- **With a 21700i 5000mAh NL2150HPi battery**
- 3000 ANSI lumens (30 mins*) range 470 metres 55,300 cd
- 1500 ANSI lumens (2h30) range 330 metres 27,960 cd
- 800 ANSI lumens (4 hours) range 244 metres 14,900 cd
- 250 ANSI lumens (10 hours) range 137 metres 4700 cd



Nitecore P23i

- 50 ANSI lumens (45 hours) range 67 metres 1,130 cd
- 3000 ANSI lumens (strobe)
- *Turbo start-up time is tested without temperature regulation.
- Battery: 1 x 21700 i-series battery
- Made from aerospace-grade aluminium alloy
- Finish: Type III hard anodised scratch-resistant coating
- Dimensions: 143.5mm (Length) x 31.8mm (Head diameter) x 25.4mm (Body diameter) x 28.5mm (Rear button diameter)
- Weight: 114.5g (without battery)
- Waterproof to IP68 standard (2 metres)
- Drop-resistant from a height of 2 metres
- 5-year Nitecore warranty
- **Included accessories:**
- Nitecore NL2150HPi 21700 5000mAh battery, tactical holster, belt clip, wrist strap, spare O-ring, USB/Type-C charging cable



Nitecore P23i

NITECORE®

P23i

i-Generation

Long Range 21700 Tactical Flashlight

STROBE READY™!
ULTIMATE ONE-HANDED OPERATION

- 3000 Lumens
- 470 Meters Max Distance

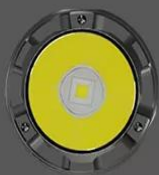
These images are for guide purpose only, actual result may vary depending on ambient factors. They are the intellectual property of Nitecore. All rights to take legal action are reserved.

Unparalleled Tactical Performance

All New

Luminus SFT-70 LED

Improved on both output and distance



2nd Generation

STROBE READY™

Enables a STROBE access instantly



21700i

i Series Battery

Revolutionary design to provide a highly efficient output



U-shaped Tail Cap

Rigid and durable with accidental activation prevention

Daily Mode

Tactical Mode

Dual User Modes

Able for quick response



Nitecore P23i



3000 Lumens
Invincible Performance

Luminus SFT-70 LED

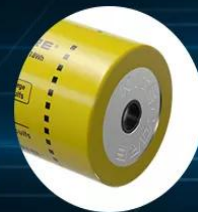
Utilizing an optical system combined with crystal coating and "Precision Digital Optics Technology" (PDOT), the P23i has a max output of 3,000 lumens, ideal for law enforcement, assault operations, self-defense, search and patrols.



NL2150HPi Rechargeable Li-ion Battery Included

(Patent No. ZL201820118916.0, US Patent Pending)

15A High Output



- Features dual way output with positive and negative polarities at both ends.
- Enables a highly efficient output by minimizing the loss of power due to internal resistance.
- 5,000mAh large capacity with high energy density that is 11% higher than 18650 batteries.



2nd Generation

STROBE READY™

Technology (Patent No.: ZL201320545349.4)

Specially designed for tactical applications

1. Enables a STROBE access in any state
2. Inset pedal design to avoid accidental activation

(US Patent No.: 15/846299 US10237955B1)



Dual Tail Switch Design

- Tactical Tail Switch**
 - Tactical Momentary-on
 - Constant-on
- MODE Button**
 - Output Adjustment
 - Instantly Accessing STROBE



Nitecore P23i

Two User Modes

Daily Mode

Specially designed for daily uses and law enforcement with 4 brightness levels in a cycle, TURBO Level and STROBE Mode.

ULTRALOW	LOW	MID	HIGH	TURBO	STROBE
50	250	800	1,500	3,000	3,000
Lumens	Lumens	Lumens	Lumens	Lumens	Lumens

Tactical Mode

Specially designed for self defense and operations with 4 brightness levels in a cycle and STROBE Mode.

TURBO	MID	LOW	ULTRALOW	STROBE
3,000	800	250	50	3,000
Lumens	Lumens	Lumens	Lumens	Lumens





Nitecore P23i

Customizable Tactical Accessories Optional



USB-C Remote Switch
RSW21



Signal Light
TSL10i



Tactical Holster
NTH25



Helmet Mount
HRM2



NITECORE Gun Mounts



GM02MH



GM03



GM04



Diffuser
NDF32



Traffic Wand
NTW32

Technical Data

FL1 STANDARD	TURBO	HIGH	MID	LOW	ULTRALOW	STROBE
	3,000 Lumens	1,500 Lumens	800 Lumens	250 Lumens	50 Lumens	3,000 Lumens
	*30min	2h 30min	4h	10h	45h	—
	470m	330m	244m	137m	67m	—
	55,300cd	27,960cd	14,900cd	4,700cd	1,130cd	—
	2m (Impact Resistance)					
	IP68, 2m (Waterproof and Submersible)					

Note: The stated data is measured in accordance with the international flashlight testing standard ANSI/PLATO FL 1-2019, using 1 × 21700i Li-ion battery (5,000mAh) under laboratory conditions. The data may vary in real world use due to different battery usage or environmental conditions.

* The runtime of TURBO is tested without the temperature regulation.

Features

- Utilizes a Luminus SFT-70 LED with a max output of 3,000 lumens
- An optical system combined with crystal coating and "Precision Digital Optics Technology" (PDOT)
- Max peak beam intensity of 55,300cd and max throw of 470 meters
- Highly efficient constant current circuit provides a stable output for up to 45 hours
- Dual tail switches enable intuitive operations for tactical applications
- 5 brightness levels and 1 special mode available
- STROBE READY™ Technology to enable a quick access to STROBE Mode (Patent No. ZL201320545349.4)
- STROBE Mode uses randomly changing frequencies for stronger dizzying effects
- Intelligent Li-ion battery charging circuit with a USB-C port
- NITECORE 21700i Li-ion battery included (NL2150HPI 5,000mAh)
- A power indicator beside the charging port indicates the remaining battery power
- The power indicator can display the battery voltage ($\pm 0.1V$)
- Strike bezel uses high strength silicon nitride ceramics to enable excellent glass breaking performance
- Incorporated Advanced Temperature Regulation (ATR) module (Patent No. ZL201510534543.6)
- Optical lenses with double-sided scratch resistant coating
- Constructed from aero grade aluminum alloy
- HA III military grade hard-anodized finish
- Waterproof and dustproof rating in accordance with IP68 (2 meters submersible)
- Impact resistant to 2 meters

