



# **P30i** **NITECORE®** **i-GENERATION**

## **21700 High Output Searchlight**



1000 Meters



2000 Lumens



USB-C Rechargeable

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# 1000 Meters Grand Throw

Designed with an optical system combined with crystal coating and "Precision Digital Optics Technology" (PDOT), it has a peak beam intensity of 250,000cd and a max throw of 1,000 meters, suitable for long-distance search and rescue.

Note: The stated data is measured in accordance with the international flashlight testing standards ANSI/PLATO FL1-2019, using 1 x 21700 Li-ion battery (5,000mAh) under laboratory conditions. The data may vary in real world use due to different battery usage or environmental conditions.

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# **2000 Lumens Blazing Output**



*Utilizing a CREE XHP35 HI LED, it has a max output of 2,000 lumens, ideal for nighttime searching, tracking and hunting.*

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## Dual Use USB-C Port

- Available with a reversible plug-in for direct charging
- Available with direct connection to the cable part of Remote Switch RSW2i
- The charging port cover provides excellent water, dust and impact resistance



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## RSW2i USB-C Remote Switch

The cable part of the remote switch can be directly connected to the tail cap of the P30i, available with output adjustment and STROBE READY™



\* Remote Switch RSW2i (Cable Part) Included



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# Revolutionary and Powerfully Upgraded 21700 i Series Battery

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

- Enables a highly efficient output by minimizing the loss of power due to internal resistance.
- Features dual way output with positive and negative polarities at both ends and a high energy density.
- Compatible with modular extensions of intelligent communications and controlling systems.



\* NL2150HPi Li-ion Battery  
(5,000mAh 15A) Included



\* CR123 Battery Magazine Included  
For CR123/RCR123 Batteries

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# 100 Hours Extended Runtime

Consistent Usage of 4 Days on ULTRALOW (6 Lumens)

Worry-free to ease the burden with no spare batteries or frequent charging needed.

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
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**All-weather Applicable**

**IP68. Rated**

**2m Submersible and Waterproof**

**1m Impact Resistant**

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## ***Premium Design and Quality***

Constructed from aero grade aluminum alloy with HA III military grade hard-anodized finish, it is guaranteed with excellent stability and impact resistance.


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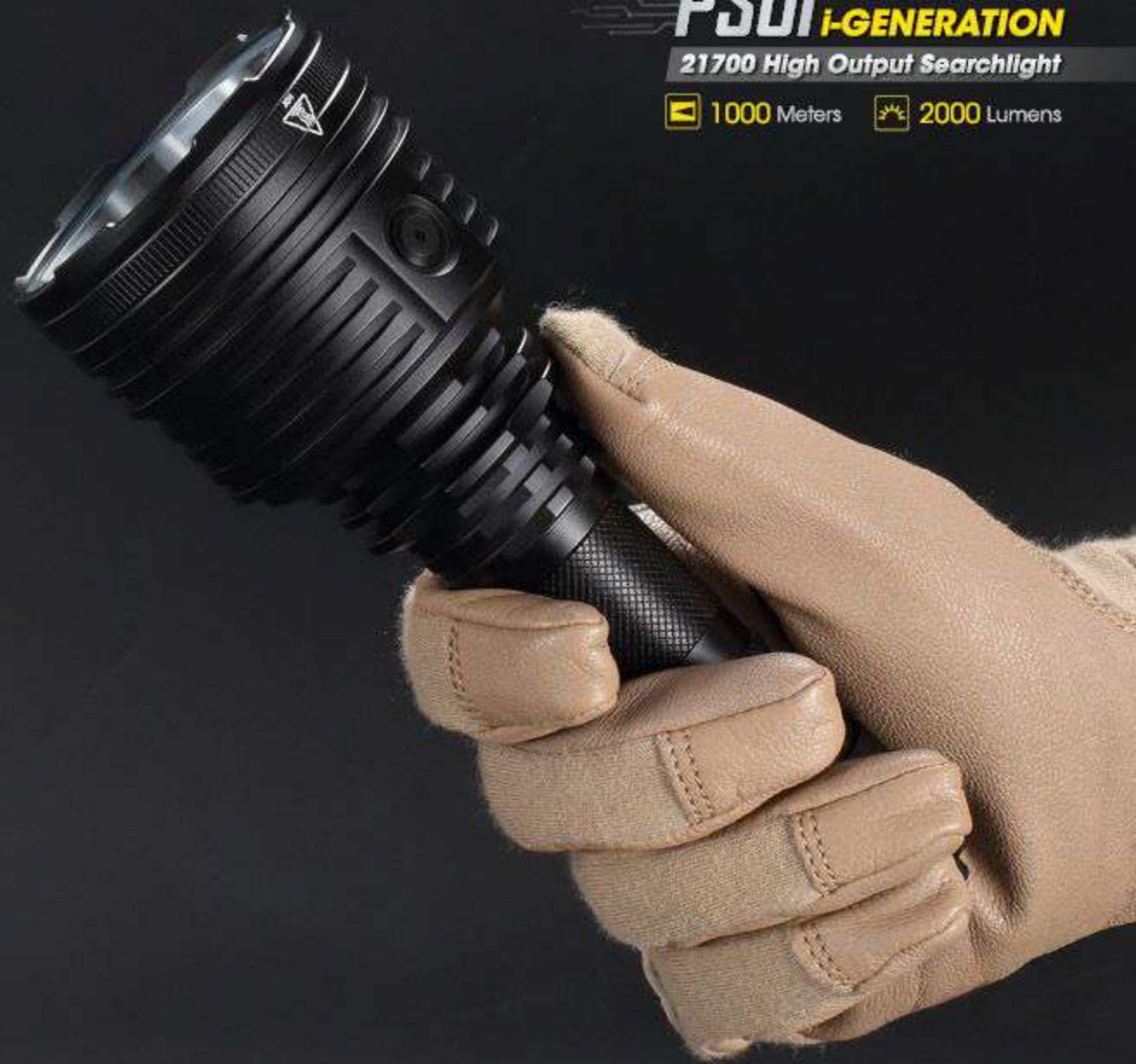
 **1000 Meters**

 **2000 Lumens**



## ***Ultra Compact and Lightweight***

With a weight of only 255.5g (9.01oz), the P30i is perfect either handheld or to be mounted on the firearms.



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**65mm (2.56")**

**Optimized Head Diameter**

With an optical system combined with crystal coating and "Precision Digital Optics Technology" (PDOT), the beam is emitted with an enhanced grand throw.



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## User Friendly Dual Button Interface

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### Mode Button

For output adjustment, mode selection  
and direct access to TURBO



### Tactical Tail Switch

Always ready for tactical momentary-on  
or constant-on illumination

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## **Memory Function**

When reactivated, the flashlight will automatically access the previous memorized brightness level.

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## ***Multiple Modes for Various Scenarios***

### **5 Brightness Levels**



**TURBO**



**HIGH**



**MID**



**LOW**



**ULTRALOW**

### **2 Special Modes**



**SOS**



**BEACON**

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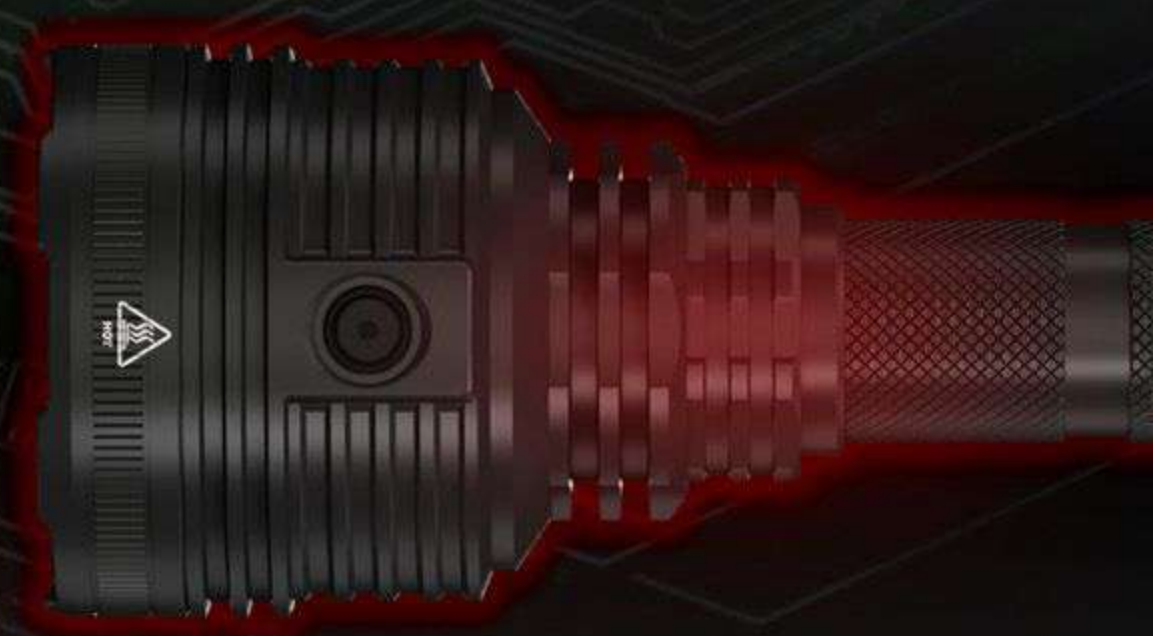


# ATR

(Patent No. ZL201510534543.6)

## **(Advanced Temperature Regulation)**

The integrated ATR technology regulates the output of the P30i according to the working condition and ambient environment to maintain the optimal performance.





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# Power Indication

(Patent No. ZL201220057767.4)

When the light is on, the head power indicator will indicate the remaining battery power.

1. Being steadily turned on indicates that the power is **above 50%**.
2. Flashing slowly indicates that the power is **below 50%**.
3. Flashing quickly indicates that the power is **below 10%**.



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# Technical Data

FL1 STANDARD	TURBO	HIGH	MID	LOW	ULTRALOW	BEACON	SOS
	2,000 Lumens	1,000 Lumens	385 Lumens	85 Lumens	6 Lumens	2,000 Lumens	2,000 Lumens
	*30min	1h 30min	4h	18h	100h	—	—
	1,000m	722m	447m	209m	40m	—	—
	250,000cd	130,500cd	50,000cd	11,000cd	400cd	—	—
	1m (Impact Resistance)						
	IP68, 2m (Waterproof and Submersible)						

Note: The stated data is measured in accordance with the international flashlight testing standards ANSI/PLATO FL1-2019, using 1 x 21700 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.

\* TURBO Availability: The TURBO level is only accessible when using a 21700 i Series battery with an output over 15A. It is inaccessible when using CR123/RCR123 batteries.





## Features

- Utilizes a CREE XHP35 HI LED with a max output of 2,000 lumens
- An optical system combined with crystal coating and "Precision Digital Optics Technology" (PDOT)
- Max peak beam intensity of 250,000cd and max throw of 1,000 meters
- Powered by a 21700 i Series Battery while compatible with CR123 batteries, to provide a runtime up to 100 hours
- The tactical tail switch and the metal side switch control 5 brightness levels and 2 special modes
- Dual power indicators are available to indicate battery power (Patent No. ZL201220057767.4)
- The power indicators can display the battery voltage ( $\pm 0.1V$ )
- Anti-impact reverse polarity protection mechanism specially designed for shooting sports (Patent No. ZL201220677948.7)
- Intelligent Li-ion battery charging circuit with a USB-C port
- Highly efficient constant current circuit provides a stable output
- Incorporated Advanced Temperature Regulation (ATR) module (Patent No. ZL201510534543.6)
- NITECORE 21700 Li-ion battery (NL2150HPi 5,000mAh) and Remote Switch RSW2i (Cable Part) included
- 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 1 meter

