NITECORE®

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in-visible
solution provider

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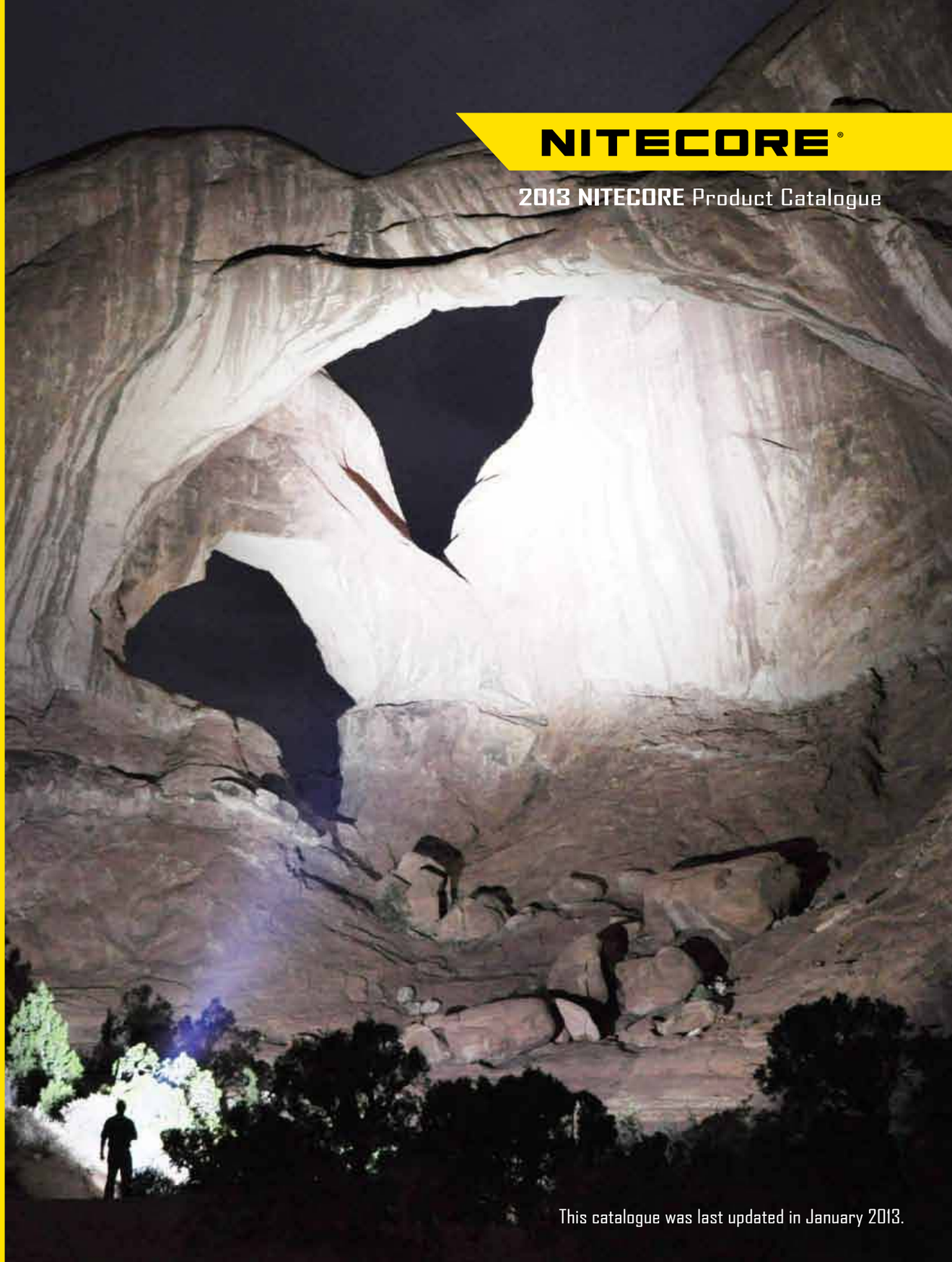

NITECORE®

2013 NITECORE Product Catalogue

This catalogue was last updated in January 2013.

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About NITECORE

Here at NITECORE it's all about passion and dreams. We share the same experiences that you do on adventure, road and forest and these experiences push us to make the best gear possible for worldwide users. Established since 2004, SYSMAX, which began with a DIY flashlight has grown into an innovative professional company with a myriad of products.

SYSMAX created "NITECORE"—— a new subbrand in 2007, which is dedicated itself to starting business in general-purposed illumination tools market. NITECORE does not just stand for outdoor enthusiasts, but one that stands for the spirit of the sports we live, their values and goals, past, present and future. NITECORE's patented design has become a label to provide fast and stable illumination experience to all walks of life.

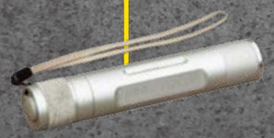
As a member of PLATO (Portable Lights American Trade Organization), NITECORE has established a wide range of distribution network around the world. We today are more committed than ever to creating more favorable products and pushing the development of outdoor illumination tools industry. Thanks to the many people whose limitless energy and hands-on involvement we are creating a promising future for all flashlight fans and professional users.

2013 NEW MILESTONE

P25

TM26

2004



2004 LR7 – One of the first high-intensity LED flashlights made in China.

2005

2005 Luxeon – The first branded Chinese 3W LED flashlight.

2006

2006 One of the first ever flashlights to adopt a HA-III finish.

2007

2007 MK2 – The first ever AA-based flashlight to feature an integrated MCU.

2008

2008 NDI - The world's first AA-based flashlight features Infinite Variable Brightness.

2009

2009 DI0 - The world's first flashlight features Smart PD (Piston Drive) System.

2010

2010 IFE1- The first ever flashlight features Magnetic Sensor IBS System.

2011

2011 TM11- The world's smallest and lightest 2000 lumen flashlight.

2012

2012 EA4- 4×AA Compact Searchlight

What is an LED?

LED is an acronym for Light Emitting Diode – a special type of semiconductor that was initially used to replace standard lamps in early electronic equipment, later progressing to consumer electronics in the form of VCR and calculator displays. In the past decade, massive advances have been made in LED technology, with today's high-power white tint LED's commonly used in automotive/bicycle lighting, aviation, laptops and televisions, and even home lighting. LED technology is fast replacing older incandescent technologies (such as halogen and tungsten) due to its superior efficiency, durability and longevity, making it the ideal solution for the 21st century.

The LED advantage...

Energy savings

LED's convert approximately 20% of their input power into light energy, compared to conventional incandescent bulbs which generally only convert about 2% of their input power into light. As a result, LED technology offers excellent energy savings over competing alternatives, making it a cost effective and environmentally-friendly solution for modern light-emitting devices.

Longevity

The principle behind conventional incandescent technology is based on electrons travelling through a tungsten filament, causing the filament to generate temperatures of up to 2500 Celsius, with light energy merely a byproduct of this process. Due to this inherently inefficient design, incandescent bulbs rapidly deteriorate and burn out after about 1000 hours of use. LED's, on the other hand, operate on an entirely different principle, and while they do require specialized components to achieve maximum brightness, a working lifespan up to 50,000 hours is possible, with a gradual fading of brightness rather than instant burn-out.

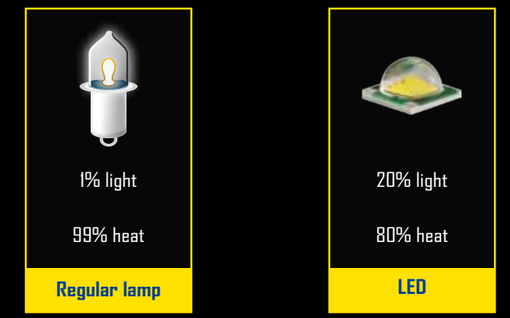
Durability

Due to the absence of a delicate filament and thin glass bulb, LEDs can withstand shock and vibration far beyond that tolerated by incandescent lamps making them ideal for rugged and demanding applications.

Distinction

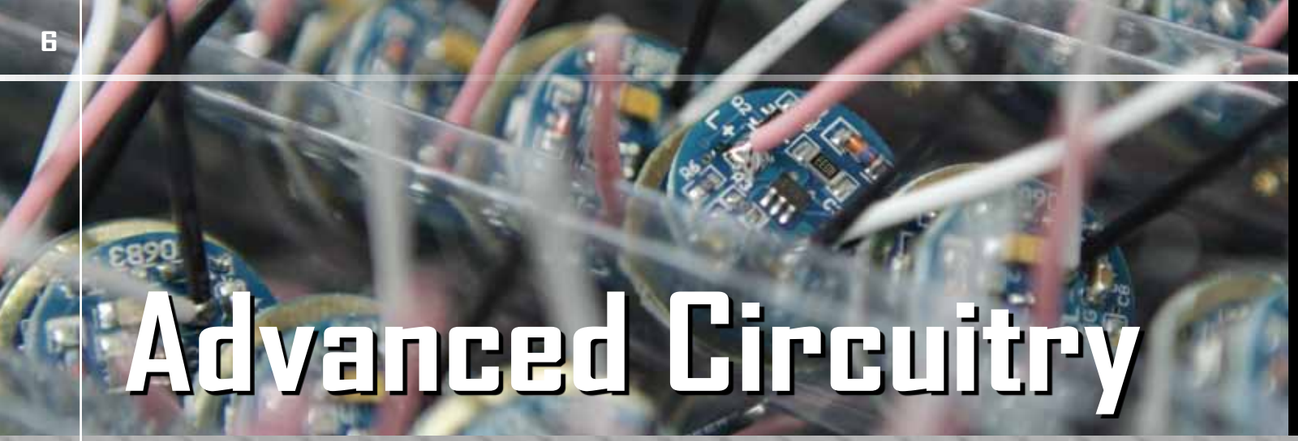
Quick Activation

An incandescent bulb generally takes about 100-300 milliseconds to illuminate once activated, while an LED needs only a few nanoseconds, giving it a significant advantage in highly demanding applications.



NITECORE's Proprietary LED Technology...

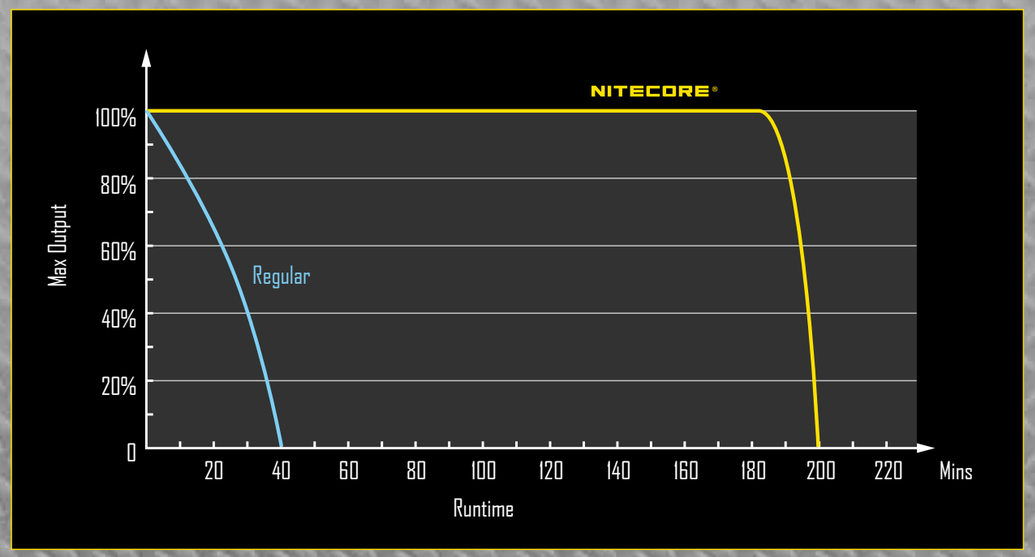
NITECORE's highly efficient, ultra reliable proprietary LED drive circuit plays a crucial role in efficiently transferring battery power to the LED. As a result, all NITECORE products have exceptional output and long runtimes in comparison to competing products. While the majority of LED-based flashlight/ personal lighting products on the market today suffer from continuously declining output, NITECORE products are able to maintain constant high output until battery exhaustion.



Advanced Circuitry

NITECORE's proprietary regulation circuit is an essential component in every NITECORE flashlight. The circuit's unique power source management system delivers constant current to the LED regardless of battery condition/ chemistry, resulting in continuous, unwavering light output for end users. The circuit's efficiency and reliability is further enhanced by carefully engineered electronic components such as gold or silver plated contact points. Moreover, every NITECORE flashlight features an integrated microcontroller unit which works in tandem with the regulation circuit to offer an intuitive and versatile user-interface.

A Led drive/regulation circuit is crucial in improving the efficiency of the 'power to light' conversion process, allowing for longer runtimes and more stable operation using various battery chemistries. NITECORE's highly reliable and compact drive circuit is the reason NITECORE flashlights run longer and shine brighter than the competition.



Lens and Reflectors

With many years of experience in flashlight optical design, NITECORE's custom-engineered high-efficiency alloy reflectors ensure every flashlight emits a balanced beam profile of both flood and throw with minimal loss of light. All NITECORE reflectors are protected by AR-coated, anti-scratch mineral glass lenses.

Billet Aluminium Body

Every NITECORE flashlight is constructed from light weight, high strength aero-grade aluminium alloy. Additionally, the majority of NITECORE models are CNC machined from a solid aluminium bar. This manufacturing process gives NITECORE flashlights their superior shock/impact resistance, with many lights able to withstand being rolled over by car or dropped from several meters onto a hard surface with no performance loss (not recommended as may void warranty). Compared to cheaper and weaker tubular aluminium flashlights produced by the majority of flashlight manufacturers today, NITECORE offers significant gains in both ruggedness and performance. Furthermore, all NITECORE models are treated with a military-spec type III hard anodized finish, making the flashlight surface as tough as diamond, thus protecting it from scratches, abrasions and corrosion.

Tiny Monstar Series

TM26

3500 Lumens
4×18650 Batteries
8×CR123 Batteries
4×Cree XM-L U2 LED
Rechargeable

NEW

Dimensions

Head Diameter	68mm
Head Side Length	57mm
Tube Diameter	50mm
Total Length	142mm
Weight	438g

Output & Runtime

FL1 STANDARD	TURBO	HIGH	MID	LOW	LOWER
	3500 lumens	1700 lumens	540 lumens	95 lumens	3 lumens
4×18650	45min	2h30min	8h15min	48h	1000h
8×CR123	1h	2h15min	5h45min	32h	750h
415Om (Beam Distance)					
43000cd (Peak Beam Intensity)					
1.5m (Impact Resistant)					
IPX-8, 2m (Waterproof And Submersible)					

The series of the world's smallest, lightest, brightness flashlight

Photo by: Guntram

NITECORE®

TM15

2450 Lumens
4×18650 Batteries
Cree XM-L U2 LED
Rechargeable

NEW

The world's smallest and lightest 2450 lumens rechargeable outdoor searchlight.

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW	LOWER
	2450 lumens	1300 lumens	570 lumens	300 lumens	95 lumens
4×18650	1h	3h10min	8h15min	16h30min	52h
8×CR123	1h10min	3h	6h15min	13h	36h
	363m (Beam Distance)				
	33000cd (Peak Beam Intensity)				
	1.5m (Impact Resistant)				
	IPX-8, 2m (Waterproof And Submersible)				

Dimensions

Head Diameter	60mm
Tube Diameter	50mm
Total Length	158mm
Weight	447g

NITECORE®

TM11

2000 Lumens
4×18650 Batteries
Cree XM-L T6 LED

Dimensions

Head Diameter	60mm
Tube Diameter	50mm
Total Length	135mm
Weight	336g

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW
	2000 lumens	1100 lumens	550 lumens	200 lumens
	1h15min	3h	7h30min	18h
	283m (Beam Distance)			
	20000cd (Peak Beam Intensity)			
	1.5m (Impact Resistant)			
	IPX-8, 2m (Waterproof And Submersible)			

Photo by: Guntram

Precise Series

NEW

P25 SMILODON

860 Lumens

1×18650 Battery
2×CR123 Batteries
Cree XM-L U2 LED
Rechargeable

Dimensions

Head Diameter	40mm
Tube Diameter	25.4mm
Total Length	160mm
Weight	171g

The Nitecore P25 is a truly innovative, purpose-designed flashlight featuring two integrated Picatinny connectors, making it incredibly easy to install on a firearm or use as an intermediary device for mounting a huge variety of compatible accessories. A patented single button, two-stage interface provides easy access to all modes and brightness levels, including a blazingly bright turbo mode of 860 lumens (ANSI FL1) with an exceptionally long run time of up to 325 hours. With unique gun-mounting functionality and a highly versatile feature set, the Nitecore P25 is the ultimate lighting tool for professional hunters and tactical users.

Output & Runtime

FL1 STANDARD	TURBO	HIGH	MID	LOW	LOWER
	860 lumens	550 lumens	180 lumens	50 lumens	2 lumens
1×18650	1h45min	2h	7h	30h	325h
2×CR123	1h15min	1h30min	5h15min	21h	200h
	283m (Beam Distance)				
	20000cd (Peak Beam Intensity)				
	1.5m (Impact Resistant)				
	IPX-8, 2m (Waterproof And Submersible)				

Explorer Series

The Nitecore design team's mission statement when developing the Explorer line of flashlights: "A ultra-compact line of flashlights that combine a highly tactile user interface with an attractive appearance and unprecedented performance." Explorer flashlights employ a novel but highly functional switch offering the most elegant and simple-to-use interface. From a thumb-sized EC1 to the eight AA batteries Searchlight EA8, from hiking, camping, to searching or caving, the Nitecore Explorer line will be your first choice for all walks of outdoor adventures.

EA8 EA4 EC25 EA2 EC2 EA1 EC1

EA4 PIONEER

860 Lumens
4×AA Batteries
Cree XM-L U2 LED

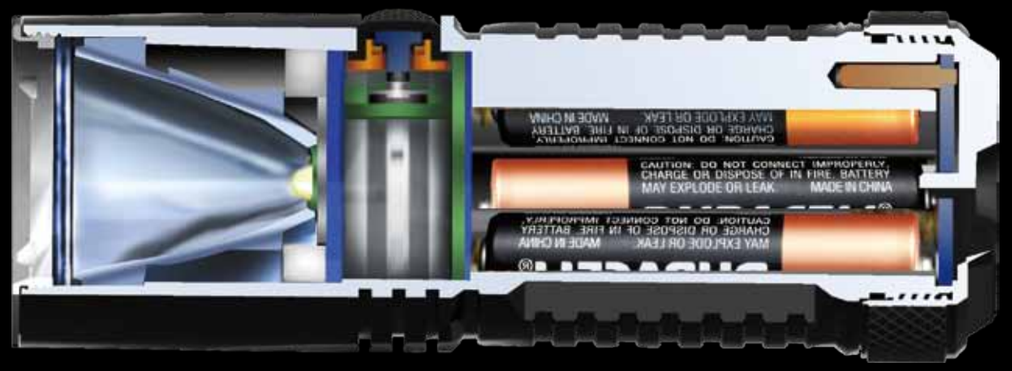
NEW

Dimensions

Head Diameter	40mm
Tube Diameter	41.2mm
Total Length	117mm
Weight	159g

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW	LOWER
	860 lumens	550 lumens	300 lumens	135 lumens	65 lumens
	1h45min	2h	4h30min	11h	22h
	283m (Beam Distance)				
	20000cd (Peak Beam Intensity)				
	1.5m (Impact Resistant)				
	IPX-8, 2m (Waterproof And Submersible)				



UIT

The Explorer series incorporates novel 'Unique Integrated Technology' (UIT) meaning the entire flashlight body is constructed from a single piece of aero-grade aluminum alloy. UIT ensures the Explorer series is sturdy and durable yet incredibly lightweight.

The below models are all incorporate novel "Unique Integrated Technology":

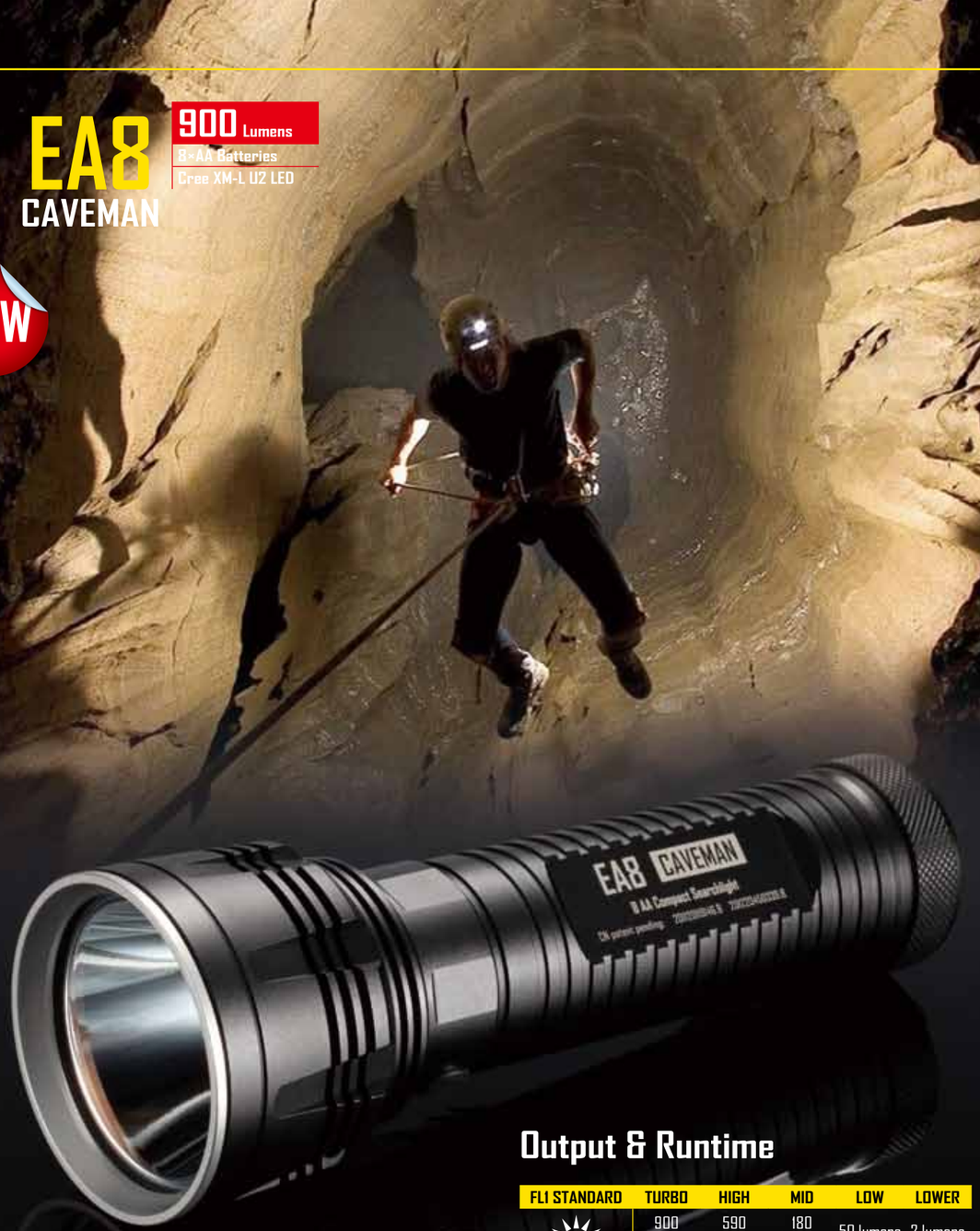
EA1 EA2 EA4 EA8 EC1 EC2

NITECORE®

EA8
CAVEMAN

900 Lumens
8×AA Batteries
Cree XM-L U2 LED

NEW



Dimensions

Head Diameter	60mm
Tube Diameter	41.2mm
Total Length	182mm
Weight	302g

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW	LOWER
	900 lumens	590 lumens	180 lumens	50 lumens	2 lumens
	2h	3h45min	14h	60h	800h
	490m (Beam Distance)				
	60000cd (Peak Beam Intensity)				
	1.5m (Impact Resistant)				
	IPX-8, 2m (Waterproof And Submersible)				

EC25
COBRA

860 Lumens
1×18650 Battery
2×CR123 Batteries
Cree XM-L U2 LED
Rechargeable

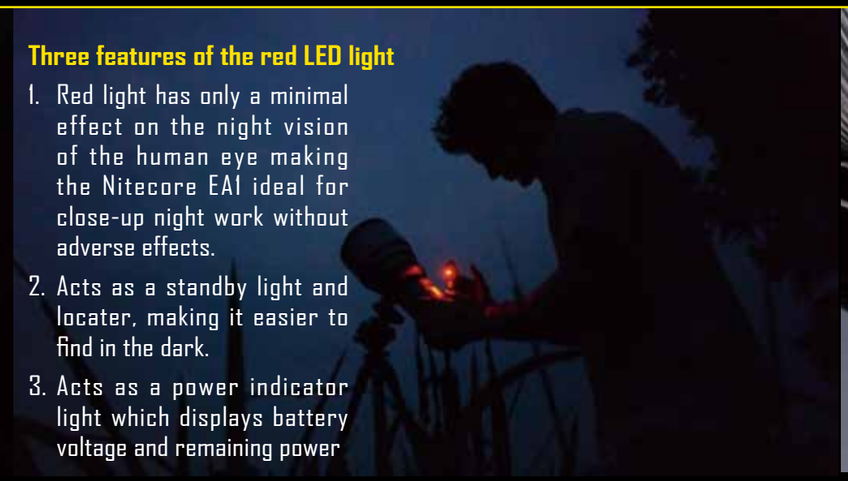
Dimensions

Head Diameter	34mm
Tube Diameter	25.4mm
Total Length	128mm
Weight	122g

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW	LOWER
	860 lumens	540 lumens	285 lumens	120 lumens	60 lumens
1×18650	1h30min	2h	4h15min	10h30min	25h
2×CR123	1h30min	1h45min	4h	9h	17h30min
	222m (Beam Distance)				
	12500cd (Peak Beam Intensity)				
	1.5m (Impact Resistant)				
	IPX-8, 2m (Waterproof And Submersible)				

Largest reflector (1 inch) in its class reflects more light, translating to a longer throw distance



Three features of the red LED light

1. Red light has only a minimal effect on the night vision of the human eye making the Nitecore EA1 ideal for close-up night work without adverse effects.
2. Acts as a standby light and locater, making it easier to find in the dark.
3. Acts as a power indicator light which displays battery voltage and remaining power

Radiator fins integrated into the head design provide better cooling for exceptional overall performance

ON/OFF dual switch

Power / MODE button

EA1

180 Lumens
1×AA Battery
Cree XP-G R5 LED

Dimensions

Head Diameter	25.4mm
Tube Diameter	19mm
Total Length	81mm
Weight	47.5g

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW	LOWER
	180 lumens	100 lumens	40 lumens	12 lumens	2 lumens
	-	2h15min	5h	17h	80h
	109m (Beam Distance)				
	3000cd (Peak Beam Intensity)				
	1.5m (Impact Resistant)				
	IPX-8, 2m (Waterproof And Submersible)				

EA2

280 Lumens
2×AA Batteries
Cree XP-G R5 LED

Dimensions

Head Diameter	25.4mm
Tube Diameter	19mm
Total Length	131mm
Weight	64g

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW	LOWER
	280 lumens	200 lumens	60 lumens	15 lumens	3 lumens
	-	2h	8h	30h	150h
	141m (Beam Distance)				
	5000cd (Peak Beam Intensity)				
	1.5m (Impact Resistant)				
	IPX-8, 2m (Waterproof And Submersible)				

EC1

280 Lumens
1×CR123 Battery
Cree XP-G R5 LED

Dimensions

Head Diameter	25.4mm
Tube Diameter	22mm
Total Length	65mm
Weight	42.5g

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW	LOWER
	280 lumens	200 lumens	75 lumens	25 lumens	4 lumens
	-	1h15min	5h	12h	70h
	141m (Beam Distance)				
	5000cd (Peak Beam Intensity)				
	1.5m (Impact Resistant)				
	IPX-8, 2m (Waterproof And Submersible)				

EC2

320 Lumens
2×CR123 Batteries
1×18650 Battery
Cree XP-G R5 LED

Dimensions

Head Diameter	25.4mm
Tube Diameter	24mm
Total Length	99mm
Weight	59g

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW	LOWER
	320 lumens	220 lumens	80 lumens	15 lumens	2 lumens
	-	3h	11h	50h	220h
	150m (Beam Distance)				
	5650cd (Peak Beam Intensity)				
	1.5m (Impact Resistant)				
	IPX-8, 2m (Waterproof And Submersible)				

Multitask Hybrid Series

Nitecore Multi-task Hybrid (MH) dual-duel rechargeable flashlights are a new line of highly versatile and practical illumination tools designed for a multitude of users and environments. Featuring a high-precision long-range reflector, four brightness settings plus Strobe and SOS modes, the Nitecore MH series is the ultimate lighting tool for hunting, trekking, camping, law enforcement, searching and rescue.

MH1A

550 Lumens

1×Li-ion Battery(14500)
1×AA Battery
Cree XM-L U2 LED
Rechargeable

Dimensions

Head Diameter	25.4mm
Tube Diameter	21.5mm
Total Length	127mm
Weight	75g

Output & Runtime

FL1 STANDARD	TURBO	HIGH	MID	LOW
	550 lumens	81 lumens	18 lumens	7 lumens
1×14500	45min	4h	11h30min	23h
	125m (Beam Distance)			
	3800cd (Peak Beam Intensity)			
	1.5m (Impact Resistant)			
	IPX-8, 2m (Waterproof And Submersible)			

MH1C

550 Lumens

1×Li-ion Battery(RCR123)
1×CR123 Battery
Cree XM-L U2 LED
Rechargeable

Dimensions

Head Diameter	25.4mm
Tube Diameter	21.5mm
Total Length	109mm
Weight	63g

Output & Runtime

FL1 STANDARD	TURBO	HIGH	MID	LOW
	550 lumens	220 lumens	75 lumens	22 lumens
1×RCR123	30min	1h	3h15min	10h
	120m (Beam Distance)			
	3500cd (Peak Beam Intensity)			
	1.5m (Impact Resistant)			
	IPX-8, 2m (Waterproof And Submersible)			

Dual-fuel defense flashlight

MH2A

600 Lumens
1×NL1427 Battery
2×AA Batteries
Cree XM-L U2 LED
Rechargeable

Dimensions

Head Diameter	25.4mm
Tube Diameter	21.5mm
Total Length	176mm
Weight	86g

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW
	600 lumens	233 lumens	80 lumens	22 lumens
1×NL1427	1h15min	2h30min	7h30min	26h
	135m (Beam Distance)			
	4500cd (Peak Beam Intensity)			
	1.5m (Impact Resistant)			
	IPX-8, 2m (Waterproof And Submersible)			

Just for MH2A

Dual-fuel emergency flashlight

MH2C

800 Lumens
1×18650 Battery
2×CR123 Batteries
Cree XM-L U2 LED
Rechargeable

Dimensions

Head Diameter	25.4mm
Tube Diameter	21.5mm
Total Length	150mm
Weight	90g

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW
	800 lumens	300 lumens	130 lumens	39 lumens
1×18650	2h	3h15min	8h30min	28h
2×CR123	1h30min	3h	7h45min	22h
	140m (Beam Distance)			
	5000cd (Peak Beam Intensity)			
	1.5m (Impact Resistant)			
	IPX-8, 2m (Waterproof And Submersible)			

Dual-fuel ultra-high intensity tactical flashlight

MH25
NIGHT BLADE

860 Lumens
1×18650 Battery
2×CR123 Batteries
Cree XM-L U2 LED
Rechargeable

Dimensions

Head Diameter	40mm
Tube Diameter	25.4mm
Total Length	160mm
Weight	145g

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW
	860 lumens	320 lumens	130 lumens	40 lumens
1×18650	1h45min	3h15min	8h30min	28h
2×CR123	1h30min	3h	7h30min	22h
	236m (Beam Distance)			
	14000cd (Peak Beam Intensity)			
	1.5m (Impact Resistant)			
	IPX-8, 2m (Waterproof And Submersible)			

Dual-fuel long-range hunting flashlight

MH40
THOR

900 Lumens
2×18650 Batteries
4×CR123 Batteries
Cree XM-L U2 LED
Rechargeable

Dimensions

Head Diameter	60mm
Tube Diameter	25.4mm
Total Length	246mm
Weight	311g

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW
	900 lumens	320 lumens	105 lumens	18 lumens
2×18650	1h15min	5h30min	22h	105h
4×CR123	1h	4h30min	17h	70h
	490m (Beam Distance)			
	60000cd (Peak Beam Intensity)			
	1.5m (Impact Resistant)			
	IPX-8, 2m (Waterproof And Submersible)			

Wall adapter

Car power adapter

Dual-fuel ultra-high intensity searching flashlight

NITECORE®

Multi-Task series

MT flashlights are a new line of highly versatile and practical illumination tools designed for a multitude of users and environments. The output ranges from MT1A 140 lumens up to MT40 860 lumens, a sleek, robust body finely etched with extensive knurling and a perfect finish are hallmarks of this range, but even more important is the highly practical and usable user-interface which makes selecting modes a breeze. NITECORE MT series flashlights essential have two modes: high mode (100% output) and custom mode. With the incredible feature set, the Nitecore MT series flashlight is your ultimate lighting tool for various environments.

MT1A

140 Lumens
1×AA Battery
Cree XP-G R5 LED

Dimensions

Head Diameter	22.6mm
Tube Diameter	21.5mm
Total Length	105mm
Weight	55g

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW
	140 lumens	50 lumens	20 lumens	5 lumens
	1h30min	5h30min	18h	60h
	86m (Beam Distance)			
	1860cd (Peak Beam Intensity)			
	1.5m (Impact Resistant)			
	IPX-8, 2m (Waterproof And Submersible)			

MT2A

280 Lumens
2×AA Batteries
Cree XP-G R5 LED

Dimensions

Head Diameter	22.6mm
Tube Diameter	21.5mm
Total Length	155mm
Weight	67g

Output & Runtime

FLI STANDARD	TURBO	HIGH	MID	LOW
	280 lumens	125 lumens	50 lumens	15 lumens
	2h15min	5h	12h	50h
	115m (Beam Distance)			
	3300cd (Peak Beam Intensity)			
	1.5m (Impact Resistant)			
	IPX-8, 2m (Waterproof And Submersible)			

NITECORE®

MT1C

280 Lumens
1×CR123 Battery
Cree XP-G R5 LED

Dimensions

Head Diameter	22.6mm
Tube Diameter	21.5mm
Total Length	88mm
Weight	42g

Output & Runtime

FL1 STANDARD	TURBO	HIGH	MID	LOW
	280 lumens	125 lumens	60 lumens	20 lumens
	1h15min	3h15min	8h	23h
	115m (Beam Distance)			
	3300cd (Peak Beam Intensity)			
	1.5m (Impact Resistant)			
	IPX-8, 2m (Waterproof And Submersible)			

MT2C

360 Lumens
1×18650 Battery
2×CR123 Batteries
Cree XP-G R5 LED

Dimensions

Head Diameter	25.4mm
Tube Diameter	25.4mm
Total Length	125mm
Weight	76g

Output & Runtime

FL1 STANDARD	TURBO	HIGH	MID	LOW
	360 lumens	180 lumens	70 lumens	10 lumens
1×18650	3h45min	5h	15h	75h
2×CR123	3h	4h15min	13h	60h
	155m (Beam Distance)			
	6000cd (Peak Beam Intensity)			
	1.5m (Impact Resistant)			
	IPX-8, 2m (Waterproof And Submersible)			

MT25

390 Lumens
1×18650 Battery
2×CR123 Batteries
Cree XP-G R5 LED

Dimensions

Head Diameter	34mm
Tube Diameter	25.4mm
Total Length	142mm
Weight	125g

Output & Runtime

FL1 STANDARD	TURBO	HIGH	MID	LOW
	390 lumens	180 lumens	70 lumens	20 lumens
1×18650	2h	5h	15h	45h
2×CR123	1h45min	4h15min	13h	40h
	228m (Beam Distance)			
	13000cd (Peak Beam Intensity)			
	1.5m (Impact Resistant)			
	IPX-8, 2m (Waterproof And Submersible)			

Extremly long range
Hunting Light

MT26

800 Lumens
1×18650 Battery
2×CR123 Batteries
Cree XM-L U2 LED

Dimensions

Head Diameter	34mm
Tube Diameter	25.4mm
Total Length	142mm
Weight	133g

Output & Runtime

FL1 STANDARD	TURBO	HIGH	MID	LOW
	800 lumens	250 lumens	78 lumens	25 lumens
1×18650	2h	5h	17h30min	45h
2×CR123	1h45min	3h45min	13h	31h
	209m (Beam Distance)			
	11000cd (Peak Beam Intensity)			
	1.5m (Impact Resistant)			
	IPX-8, 2m (Waterproof And Submersible)			

Ultra High Intensity
Ultimate Tactical Light

MT40

860 Lumens
2×18650 Batteries
4×CR123 Batteries
Cree XM-L U2 LED

Dimensions

Head Diameter	50mm
Tube Diameter	25.4mm
Total Length	221.5mm
Weight	245g

Output & Runtime

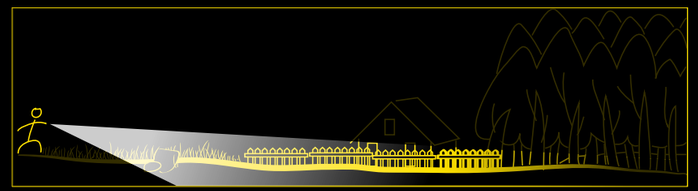
FLI STANDARD	TURBO	HIGH	MID	LOW
	860 lumens	530 lumens	280 lumens	100 lumens
2×18650	1h30min	3h30min	7h30min	24h
4×CR123	1h30min	2h45min	6h30min	18h30min
	363m (Beam Distance)			
	33000cd (Peak Beam Intensity)			
	1.5m (Impact Resistant)			
	IPX-8, 2m (Waterproof And Submersible)			

A light designed for searching and law enforcement.

SENS Series

The world's smartest ever flashlight SENS series.
SENS series flashlight integrated with the Active Dimming Technology offering 5-8 times the runtime of competing products.
An acceleration sensor is built in the SENS series flashlight, which can continuously detect the angle of the light and work with the light' s micro-processor to select the appropriate output. For example, when it detects a parallel position, the built-in micro-processor will assume a higher output is appropriate and increase output to illuminate a longer distance. When it detects a vertical position, micro-computer will decrease output so to save battery life, ex tending runtime of SENS up to 5-8 times.

Direct access to high fixed output mode.



Direct access to medium fixed output mode.

Direct access to low fixed output mode.

About ADT(Active Dimming Technology):

Nitecore SENS series flashlights feature an integrated acceleration sensor and micro processor which work together to calculate the distance of targets based on geometric theory. The sensor continuously detects the angle of the flashlight in relation to the floor, while the micro processor uses this data to vary the light output.
Real-world example: Turning a SENS series flashlight on with the head pointed straight up activates active dimming mode. When held in a horizontal position, output will seamlessly and automatically increase for illuminating targets at a distance. Alternatively, when held vertically output will seamlessly and automatically reduce for closer range targets. When used in ADT mode, SENS series flashlights enjoy significantly longer runtimes than competing products.

Active Dimming mode is accessed by turning the light on with head pointing upward

SENS AA

120 Lumens
1×AA Battery
Cree XP-G R5 LED

Dimensions

Head Diameter	19.8mm
Tube Diameter	17.5mm
Total Length	81mm
Weight	26g

Output & Runtime

FL1 STANDARD	HIGH	MID	LOW
	120 lumens	20 lumens	6 lumens
	2h	12h	60h
	53m (Beam Distance)		
	700cd (Peak Beam Intensity)		
	1.5m (Impact Resistant)		
	IPX-8. 2m (Waterproof And Submersible)		

SENS CR

190 Lumens
1×CR123 Battery
Cree XP-G R5 LED

Dimensions

Head Diameter	19.8mm
Tube Diameter	19.8mm
Total Length	64mm
Weight	23.8g

Output & Runtime

FLI STANDARD	HIGH	MID	LOW
	190 lumens	60 lumens	20 lumens
	2h	6h30min	60h
	76m (Beam Distance)		
	1450cd (Peak Beam Intensity)		
	1.5m (Impact Resistant)		
	IPX-8, 2m (Waterproof And Submersible)		

SENS Mini

170 Lumens
1×CR2 Battery
Cree XP-G R5 LED

Dimensions

Head Diameter	19.8mm
Tube Diameter	18.5mm
Total Length	57mm
Weight	19.4g

Output & Runtime

FLI STANDARD	HIGH	MID	LOW
	170 lumens	50 lumens	20 lumens
	1h	4h	14h
	69m (Beam Distance)		
	1200cd (Peak Beam Intensity)		
	1.5m (Impact Resistant)		
	IPX-8, 2m (Waterproof And Submersible)		

SENS AA2

170 Lumens
2×AA Batteries
Cree XP-G R5 LED

Dimensions

Head Diameter	19.8mm
Tube Diameter	18.5mm
Total Length	146.5mm
Weight	46g

Output & Runtime

FLI STANDARD	HIGH	MID	LOW
	170 lumens	50 lumens	20 lumens
	3h	11h30min	37h
	69m (Beam Distance)		
	1200cd (Peak Beam Intensity)		
	1.5m (Impact Resistant)		
	IPX-8, 2m (Waterproof And Submersible)		

NITECORE®

T series

T0

12 Lumens
1×AAA Battery
Nichia LED

Features

- Maximum output of 12 lumens
- Maximum runtime of 21 hours
- Intuitive User Interface
- Ultra compact body for convenient one-handed operation
- Titanium alloy bezel for extra durability
- Customized diamond-shaped anti-roll rugged design for a comfortable handgrip
- Various colors available

Specifications

LED: Nichia LED
Body material: Aero grade aluminum alloy
Head material: TC4 titanium alloy
Finish: HA III Military grade hard anodized
Battery: One AAA battery
Waterproof: IPX-8 standard waterproof (2 meters)

Dimensions

Diameter	14.5mm
Length	73mm
Weight	17g

T2s

50 Lumens
1×AAA Battery
CREE XP-E (R2) LED

Features

- CREE XP-E (R2) LED
- Compact and portable
- High efficiency digital driver circuit
- Constant current (not PWM)
- Three levels of brightness plus warning signal
- Convenient one-handed operation
- Reverse polarity protection
- Removable stainless steel clip included
- This product has attained European CE and RoHS Certification

Dimensions

Diameter	12.5mm
Length	73mm
Weight	11g

Output & Runtime

FL1 STANDARD	HIGH	MID	LOW
	50 lumens	20 lumens	2 lumens
	1h30min	3h30min	28h
	28m (Beam Distance)		
	200cd (Peak Beam Intensity)		
	1.5m (Impact Resistant)		
	IPX-8, 2m (Waterproof And Submersible)		

T5s

65 Lumens
1×AAA Battery
CREE XP-G (R5) LED

Features

- CREE XP-G (R5) LED
- High-grade 304 stainless steel construction

Dimensions

Diameter	12.5mm
Length	73mm
Weight	19g

Output & Runtime

FL1 STANDARD	HIGH	MID	LOW
	65 lumens	25 lumens	2.5 lumens
	1h30min	3h30min	28h
	24m (Beam Distance)		
	150cd (Peak Beam Intensity)		
	1.5m (Impact Resistant)		
	IPX-8, 2m (Waterproof And Submersible)		

Accessories

GM02
Gun mount

GM03
Gun mount

GM04
Gun mount

BM02
Bike mount

RSW1

CR2

CR123

RCR123

NL147
14500 battery

NL1427
Li-ion battery just for MH2A

i4 charger

i2 charger

SG7
Silicon grease

NL183
2300mAh 18650 battery

NL186
2600mAh 18650 battery

HB02
Headband

HB03
Headband

NL188
3100mAh 18650 battery

Accessories

NFG23 NFB23 NFR23
23mm RGB Filter

NFG25 NFB25 NFR25
25.4mm RGB Filter

NFG34 NFB34 NFR34
34mm RGB Filter

NFG40 NFB40 NFR40
40mm RGB Filter

EA4 with NFR40

NFG60 NFB60 NFR60
60mm RGB Filter

TM15 with NFR60

NFD23
23mm Diffused Filter

NFD25
25.4mm Diffused Filter

NFD34
34mm Diffused Filter

NFD40
40mm Diffused Filter

NFD60
60mm White Filter

EA2 with NFD25

Diffuser

NDF25 NDF34 NDF40

Traffic wand

NTW25 NTW34 NTW40

Specifications

NITECORE	TM11	TM15	TM26	P25	EA1
WEIGHT					
US	11.85oz	15.77oz	15.45oz	6oz	1.67oz
Metric	336g	447g	438g	171g	47.5g
LENGTH					
US	5.31"	6.22"	5.6"	6.3"	3.19"
Metric	135mm	158mm	142mm	160mm	81mm
BEZEL DIAMETER					
US	2.36"	2.36"	2.68"	1.57"	1"
Metric	60mm	60mm	68mm	40mm	25.4mm
BODY DIAMETER					
US	1.96"	1.96"	1.96"	1"	0.75"
Metric	50mm	50mm	50mm	25.4mm	19mm
BATTERIES					
Type	18650	18650 / CR123	18650 / CR123	18650 / CR123	AA
Battery Count	4	4 / 8	4 / 8	1 / 2	1
LED	3×CREE XM-L T6	3×CREE XM-L U2	4×CREE XM-L U2	CREE XM-L U2	CREE XP-G R5
Maximum Output (Lumens)	2000	2450	3500	860	180
Runtime	1h15min	1h / 1h15min	45min / 1h	1h45min / 1h15min	2h15min
Minimum Output (Lumens)	200	95	3	2	2
Runtime	18h	52h / 36	1000h / 750h	325h / 200h	80h
Rechargeable		✓	✓	✓	
OTHER ACCESSORIES					
Lanyard Kits	✓	✓	✓	✓	✓
Weapon Mount	—	—	—	○	—
Remote Switch	—	—	—	○	—
Bicycle Mount	—	—	—	○	—
Spares Carrier	✓	✓	✓	✓	✓
Filter	○	○	—	○	○
Diffuser	—	—	—	—	○
Traffic wand	—	—	—	—	○

NITECORE	EA2	EA4	EA8	EC1	EC2
WEIGHT					
US	2.26oz	5.6oz	10.65oz	1.5oz	2oz
Metric	64g	159g	302g	42.5g	59g
LENGTH					
US	5.16"	4.6"	7.17"	2.56"	3.9"
Metric	131mm	117mm	182mm	65mm	99mm
BEZEL DIAMETER					
US	1"	1.57"	2.36"	1"	1"
Metric	25.4mm	40mm	60mm	25.4mm	25.4mm
BODY DIAMETER					
US	0.75"	1.65"	1.65"	0.86"	0.94"
Metric	19mm	41.8mm	41.8mm	22mm	24mm
BATTERIES					
Type	AA	AA	AA	CR123	CR123
Battery Count	2	4	8	1	2
LED	CREE XP-G R5	CREE XM-L U2	CREE XM-L U2	CREE XP-G R5	CREE XP-G R5
Maximum Output (Lumens)	280	860	900	280	320
Runtime	2h	1h 45min	—	1h15min	3h
Minimum Output (Lumens)	3	65	—	4	2
Runtime	150h	22h	800h	70h	220h
Rechargeable					
OTHER ACCESSORIES					
Lanyard Kits	✓	✓	✓	✓	✓
Weapon Mount	—	—	—	—	—
Remote Switch	—	—	—	—	—
Bicycle Mount	—	—	—	—	—
Spares Carrier	✓	✓	✓	✓	✓
Filter	○	○	○	○	○
Diffuser	○	—	—	○	○
Traffic wand	○	—	—	○	○

(Included accessories ✓, Optional accessories ○ , Unavailable accessories —)

Specifications

NITECORE	EC25	MH1A	MH2A	MH1C	MH2C
WEIGHT					
US	4.3oz	1.62oz	3oz	2.22oz	3.17oz
Metric	122g	75g	86g	63g	90g
LENGTH					
US	5"	5"	6.93"	4.3"	5.9"
Metric	128mm	127mm	176mm	109mm	150mm
BEZEL DIAMETER					
US	1.34"	1"	1"	1"	1"
Metric	34mm	25.4mm	25.4mm	25.4mm	25.4mm
BODY DIAMETER					
US	1"	0.85"	0.85"	0.85"	1"
Metric	25.4mm	21.5mm	21.5mm	21.5mm	25.4mm
BATTERIES					
Type	18650 / CR123	14500	NL1427	RCR123	18650 / CR123
Battery Count	1 / 2	1	1	1	1 / 2
LED	CREE XM-L U2	CREE XM-L U2	CREE XM-L U2	CREE XM-L U2	CREE XM-L U2
Maximum Output (Lumens)	860	550	600	550	800
Runtime	1h30min	45min	1h15min	30min	2h / 1h30min
Minimum Output (Lumens)	60	7	22	22	39
Runtime	25h / 17h30min	23h	26h	10h	28h / 22h
Rechargeable		✓	✓	✓	✓
OTHER ACCESSORIES					
Lanyard Kits	✓	✓	✓	✓	✓
Weapon Mount	—	—	—	—	○
Remote Switch	—	—	—	—	○
Bicycle Mount	—	—	—	—	○
Spares Carrier	✓	✓	✓	✓	✓
Filter	○	○	○	○	○
Diffuser	○	○	○	○	○
Traffic wand	○	○	○	○	○

NITECORE	MH25	MH40	MT1A	MT2A	MT1C
WEIGHT					
US	5.1oz	11oz	1.94oz	2.36oz	1.48oz
Metric	145g	311g	55g	67g	42g
LENGTH					
US	6.3"	9.2"	4.13"	6.1"	3.46"
Metric	160mm	234mm	105mm	155mm	88mm
BEZEL DIAMETER					
US	1.57"	2.36"	0.92"	0.92"	0.92"
Metric	40mm	60mm	22.56mm	22.56mm	22.56mm
BODY DIAMETER					
US	1"	1"	0.85"	0.85"	0.85"
Metric	25.4mm	25.4mm	21.5mm	21.5mm	21.5
BATTERIES					
Type	18650 / CR123	18650 / CR123	AA	AA	CR123
Battery Count	1 / 2	2 / 4	1	2	1
LED	CREE XM-L U2	CREE XM-L U2	CREE XP-G R5	CREE XP-G R5	CREE XP-G R5
Maximum Output (Lumens)	860	900	140	280	280
Runtime	1h45min / 1h30min	1h15min / 1h	1h30min	2h15min	1h15min
Minimum Output (Lumens)	40	18	5	15	20
Runtime	28h / 22h	105h / 70h	60h	50h	23h
Rechargeable	✓	✓			
OTHER ACCESSORIES					
Lanyard Kits	✓	✓	✓	✓	✓
Weapon Mount	○	○	—	—	—
Remote Switch	○	○	—	—	—
Bicycle Mount	○	○	—	—	—
Spares Carrier	✓	✓	✓	✓	✓
Filter	○	○	○	○	○
Diffuser	—	—	—	—	—
Traffic wand	—	—	—	—	—

(Included accessories ✓, Optional accessories ○ , Unavailable accessories —)

Specifications

NITECORE	MT2C	MT25	MT26	MT40	SENS AA
WEIGHT					
US	2.68oz	4.4oz	4.7oz	8.64oz	0.92oz
Metric	76g	124.5g	133g	245g	26g
LENGTH					
US	4.92"	5.6"	5.87"	8.72"	3.2"
Metric	125mm	142mm	149mm	221.5mm	81mm
BEZEL DIAMETER					
US	1"	1.34"	1.34"	1.97"	0.78"
Metric	25.4	34mm	34mm	50mm	19.8mm
BODY DIAMETER					
US	1"	1"	1"	1"	0.7"
Metric	25.4	25.4mm	25.4mm	25.4mm	17.5mm
BATTERIES					
Type	18650 / CR123	18650 / CR123	18650 / CR123	18650 / CR123	AA
Battery Count	1 / 2	1 / 2	1 / 2	2 / 4	1
LED	CREE XP-G R5	CREE XP-G R5	CREE XM-L U2	CREE XM-L U2	CREE XP-G R5
Maximum Output (Lumens)	360	390	800	860	120
Runtime	3h45min / 3h	2h / 1h45min	2h / 1h45min	1h30min	2h
Minimum Output (Lumens)	10	20	25	100	6
Runtime	75h / 60h	45h / 40h	45h / 31h	24h / 18h30min	60h
Rechargeable					
OTHER ACCESSORIES					
Lanyard Kits	✓	✓	✓	✓	—
Weapon Mount	○	○	○	○	—
Remote Switch	○	○	○	○	—
Bicycle Mount	○	○	○	○	—
Spares Carrier	✓	✓	✓	✓	✓
Filter	○	○	○	—	—
Diffuser	○	○	○	—	—
Traffic wand	○	○	○	—	—

NITECORE	SENS CR	SENS Mini	SENS AA2	T0	T2s	T5s
WEIGHT						
US	0.85oz	0.68oz	1.62oz	0.6oz	0.39oz	0.67oz
Metric	24g	19.4g	46g	17g	11g	19g
LENGTH						
US	2.52"	2.24"	5.77"	2.87"	2.87"	2.87"
Metric	64mm	57mm	146.5mm	73mm	73mm	73mm
BEZEL DIAMETER						
US	0.78"	0.78"	0.78"	0.57"	0.49"	0.49"
Metric	19.8mm	19.8mm	19.8mm	14.5mm	12.5mm	12.5mm
BODY DIAMETER						
US	0.78"	0.73"	0.76"	0.57"	0.49"	0.49"
Metric	19.8mm	18.5mm	19.3mm	14.5mm	12.5mm	12.5mm
BATTERIES						
Type	CR123	CR2	AA	AAA	AAA	AAA
Battery Count	1	1	2	1	1	1
LED	CREE XP-G R5	CREE XP-G R5	CREE XP-G R5	Nichia LED	CREE XP-E R2	CREE XP-G R5
Maximum Output (Lumens)	190	170	170	12	50	65
Runtime	2h	1h	3h	21h	1h 30min	1h 30min
Minimum Output (Lumens)	20	20	20	—	2	2.5
Runtime	27h	14h	17h	—	28h	28h
OTHER ACCESSORIES						
Lanyard Kits	—	—	—	—	—	—
Weapon Mount	—	—	—	—	—	—
Remote Switch	—	—	—	—	—	—
Bicycle Mount	—	—	—	—	—	—
Spares Carrier	✓	✓	✓	✓	✓	✓
Filter	—	—	—	—	—	—
Diffuser	—	—	—	—	—	—
Traffic wand	—	—	—	—	—	—

(Included accessories ✓, Optional accessories ○ , Unavailable accessories —)