

Features

- Designed for hazardous industries including land and marine petroleum exploitation, petrochemical and chemical industries
- Constructed from aerospace grade aluminum alloy with distinctive 3mm body thickness
- Integrating a 10mm epoxy resin explosion-suppressive optical lens
- Type II Non-mine explosion-proof electrical appliance
- Class D explosion suppressive flashlight
- IIC explosion-proof grade
- Allowing highest surface temperature of 100 C (T5 Standard)
- Sliding control switch providing rapid and accurate one-hand brightness adjustment
- Featuring Advanced Temperature Regulation (ATR) technology to dynamically adjust output performance according to body temperature
- Utilizing a CREE XM-L2 U3 LED
- Powered by 1 x 18650 Li-ion battery for a maximum output up to 830 lumens
- High-efficiency regulation circuit providing unwavering output
- Robust HAIII military grade hard-anodized
- Waterproof in accordance with IP-67
- 1.5 meters impact resistance
- Tail stand capability

Dimensions

Length: 6" (152.2mm)
 Head diameter: 1.57" (40mm)
 Tail diameter: 1.26" (32.1mm)
 Weight: 8.82oz (250g) (without battery)

Accessories

Quality holster, lanyard

Battery Options

	TYPE	Nominal voltage	Compatible
18650 Rechargeable Li-ion battery	18650	3.7V	Y (Recommended)
Primary Lithium battery	CR123	3V	Y (Recommended)
Rechargeable Li-ion battery	RCR123	3.7V	Y

Output & Runtime

FL1 STANDARD	HIGH	MID	LOW
	830 LUMENS	320 LUMENS	4 LUMENS
	1h45min	3h	150h
	1h30min	2h45min	60h
	270m (Beam Distance)		
	18300cd (Peak Beam Intensity)		
	1.5m (Impact Resistant)		
	IP-67 (Dustproof and Waterproof)		

NOTICE:

The stated data has been measured in accordance with the international flashlight testing standards ANSI/NEMA FL1, using 1 x Nitecore 18650 battery (3.7V, 2600mAh) or 2 x Nitecore CR123 batteries (3V, 1700mAh) under laboratory conditions. The data may vary in real-world use due to different battery use or environmental conditions.

Operating Instructions

Battery installation

Insert 1x18650 battery or 2xCR123 batteries.

WARNING:

1. Ensure batteries are inserted with the negative (-) end pointing towards the spring. The EF1 will not be operational with incorrectly inserted batteries.
2. Do not use rechargeable batteries together with disposable batteries.
3. Do not use batteries of different brands or models together.

General Operation

The EF1 utilizes a sliding switch to access the light's brightness levels. When the switch is in position 0, the light is off. Positions from 0-1-2-3 indicate levels: Off -> Low -> Medium -> High. These levels may be cycled through in reverse by sliding the switch from 3 to 0.

Note: Do not cast beam directly into human or animal eyes.

ATR Technology

Advanced temperature regulation (ATR) technology allows the EF1 to dynamically adjust output performance according to its body temperature. This prevents damage from overheating and prolongs its working life.

Changing / Charging Battery

Batteries should be replaced or recharged when output appears to be dim or the flashlight becomes unresponsive.

Maintenance

Every 6 months, threads should be wiped with a clean cloth followed by a thin coating of silicon-based lubricant.

Warranty Service

All NITECORE® products are warranted for quality. Any defective / malfunction NITECORE® product can be repaired free of charge for a period of 60 months (5 years) from the date of purchase. Beyond 60 months (5 years), a limited warranty applies, covering the cost of labor and maintenance, but not the cost of accessories or replacement parts.

The warranty is nullified in all of the following situations:

1. The product(s) is/are broken down, reconstructed and/or modified by unauthorized parties.
2. The product(s) is/are damaged through improper use.
3. The product(s) is/are damaged by leakage of batteries.

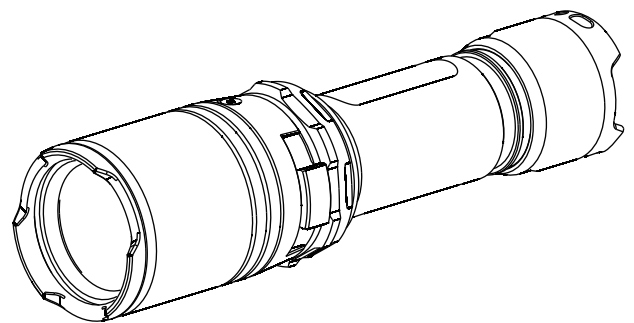
For the latest information on NITECORE® products and services, please contact a local NITECORE® distributor or send an email to service@nitecore.com

The Nitecore official website shall prevail in case of any product data changes.

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SYSMAX Ind.

SYSMAX Industry Co., Ltd.

TEL: +86-20-83862000

FAX: +86-20-83882723

E-mail: info@nitecore.com

Web: www.nitecore.com

Address: Rm1401-03, Glorious Tower, 850 East Dongfeng Road, Guangzhou, China 510600

