# Fitorch

EndoMatrix (M) Sdn Bhd
No. 51-5, Block G, Dataran Prima, Jalan PJU 1/37,
47301 Petaling Jaya, Selangor Darul Ehsan, Malaysia.
Phone: 03-7803 1145 I Fax: 03-7496 8645
sales@endomatrix.com.my  I  www.endomatrix.com.my

Website          Facebook          Instagram

**ShenZhen Fitorch Electronics Technology Co., Ltd**
Office Address：6F, Longsheng Commercial Building,
Dalang St, Longhua new district, ShenZhen, China
Tel：+86-755-2101-3606
Web：www.fitorchworld.com
E-mail：info@fitorchworld.com

CE RoHS

## 2021 PRODUCT CATALOGUE
www.fitorchworld.com

# CONTENTS

# Fitorch

Fitorch has a full range of products for military, law enforcement, hunting, searching, EDC and outdoor activities such as hiking, camping, climbing, cycling and etc. With reliable quality and continuous innovation, Fitorch has been more and more widely used in different lighting applications.

## Climbing

Considering the harsh environment on high altitude, a headlamp with high intensity, long runtime and grand throw is essential. For freezing environments, low temperature resistance is required to maintain stable performance of lights. Hands-free and lightweight products are more popular.

Recommended models :
P20RGT, P30RGT, P25, P26R, ER16, P30Z, P35R,HS1R,HS2R,ER26

## Caving

Due to the dangerous and low-light environment in cave, high output lights are required for caving. Since there is water in cave and the temperature is low, low temperature resistance and waterproofness are necessary. Ruggedness are also paramount.

Recommended models :
P20RGT, P30RGT, P25, P26R,P35R, Er26

## Running

For long distance running, runners may prefer a lightweight headlamp with flood light and long runtime. High output and red caution light are required when necessary. For those who enjoy leisurely urban night running, a high performance headlamp ensures their safety in running.

Recommended models :
P20RGT, P30Z, P25,K3 Lite

## Tactical

As a simple and intuitive UI is most important in tactical lights, Strobe Ready TM definitely meets the need. Besides, it requires high output and tactical defense function. Using with bezel, tactical ring, gun mount and remote switch to enhance the tactical function overall.

Recommended models :
M30R, MR26, MR20 ,MR15

## Law Enforcement

For law enforcement applications, the lighting tools should have high output, long runtime and direct access to strobe. This kind of lighting tool should be highly reliable in resisting dust, water and shocks, and should be tough enough to confront contingencies.

Recommended models :
Mr15, M30R, MR26, MR20

## Hunting

A hunting light should have high output with optimal beam distance to ensure long range visibility. Light weight, compatibility with shotguns, ability to absorb recoil are also required. Colored outputs are preferred to preserve users' night adapted vision, or to not startle the preys.

Recommended models :
P35R, PR40

## Cycling

Lighting with capability to illuminate blind spot ahead or under foot is essential to ensure safety in cycling. Features like multiple modes for different riding conditions, easy to operate, install or remove, flexible charging options, compatibility with handlebars of various sizes also add up to a great bike light. A rear caution light is also necessary for maximum attention and safety.

Recommended models :
P20RGT, P30RGT, ER16, P30Z,HS1R, HS2R,ER26

## Industrial workplace

Rechargeable lights are usually welcomed by industrial workers due to better cost performance. Hands-free capability, portability, an intuitive user interface are required to ensure convenience. For hazardous industries like mining or oil extraction, explosion-proof lights are mandatory.

Recommended models :
P25, P26R, ER16, P30Z, Mr15, ER20,ER26

## EDC

EDC(everyday carry) is designed to be carried with you everyday, thus it must be ultra-compact, lightweight, and always works when you need it. It does not require multiple choices of brightness level, whilst sufficient runtime and easy operation are necessary.

Recommended models :
P25, ER16, EC10,ER20,EC05,EC20, K3 Lite

## Camping

For camping, a lightweight and portable lantern with a loop or magnetic base may be the most convenient to set hands free. Besides high output, it also requires soft beam with high colour rendering index, long duration and more.

Recommended models :
P30Z, P25, P26R,ER26,HS1R,HS2R

## Search & Rescue

For search and rescue, a lighting tool should preferably have blinding lumens, superb beam distance as well as long runtime. Qualities like portability, ruggedness and light weight are also a plus

Recommended models :
P35R, PR40, P26R

## Hiking/Trekking

Generally, lights for hiking not only require high output but also light weight, long duration and reliability. For team leaders, high output and far-reaching spotlights help to see the path ahead, and a red caution light helps team members to find you.

Recommended models :
P20RGT, P30RGT, P30Z, P25, P26R, ER26,HS1R,HS2R

## Photography

Full area coverage uniform lighting with color rendering capability is best for photography. Multiple output choices allowing for adjusting lighting according to ambient environment are also required. Portability, compatibility with tripods and colored outputs are a plus.

Recommended models :
P30Z, P25, P26R

## Fishing

Hands-free capability is paramount. Colored outputs are inconspicuous, especially blue light. Blue light will not alarm underwater wildlife, and is able to attract some fishes, activate fluorescence of the float, which is why it is well received by fisherman or fishing enthusiasts.

Recommended models :
MR35, P35R, PR40,MR26, MR20

## Detecting

UV lighting is necessary in detection. It can check out fluorescer, which is harmful for health. Multiple lighting sources like red, green and blue would be a plus. Blue lighting can identify blood and colored lighting can protect users' eyes by preserving night adapted vision.
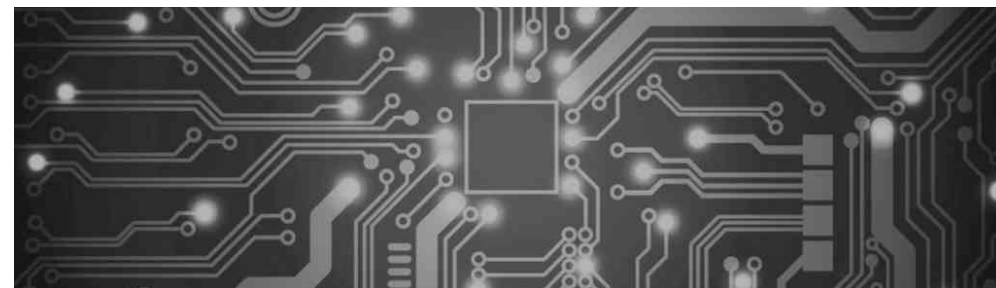
Recommended models :
Mr35

1
2

## DIE-CASTING

Most FITORCH flashlights feature die casting, which is significantly helpful to reduce the weight and size of flashlight, while improve solidity and heat dissipation. Die-cast flashlights are extremely lightweight, compact and robust. However, it is not so common in market because it not only increases cost but also requires higher assembling level.

Integrated CNC Forming

Sectional CNC Forming

## BILLET ALUMINUM BODY

Almost all FITORCH flashlights are made of lightweight, high-strength aerospace grade aluminum alloy. And most of them are CNC machined from a solid aluminum bar instead of "tubular aluminum", which is most common in market. This manufacturing process makes FITORCH flashlights extremely solid and robust. Besides, with military class HAIII hard anodizing finish, FITORCH flashlights are nearly as tough as diamond, which protects them from scratches, abrasions or corrosion.

## CIRCUIT SYSTEM

Circuit system is the most important part of LED flashlight. It is responsible for both LED driving and output switching. FITORCH's advanced circuit management system delivers constant current to the LED, which ensures continuous and flicker-free light output during the whole working process. To maximize the circuit efficiency and reliability, all FITORCH flashlights are with premium electronic components and most optimized design. Moreover, all contact points have been plated gold or silver coating.

Additionally, FITORCH has added microcomputer processor in the circuit, which allows easy access to different outputs for all situations. Circuit plays a critical role in maximizing power conversion efficiency and battery lifespan. FITORCH's highly reliable and compact circuit is the main factor for FITORCH flashlights featuring longer runtime, higher output and better portability.

## PATENTED TRIPLE TAIL SWITCH

FITORCH is the pioneer of triple tail switch with bidirectional mechanical lockout function. At the crucial moment in tactical application, even 1 second is critical. FITORCH patented triple tail switch allows direct access to strobe and turbo output.

The bidirectional mechanical lockout effectively prevents misoperation during action. Compared with electronic locking, mechanical lockout is more reliable and safer with less risk of misoperation.

# RECHARGEABLE & CHARGEABLE FUNCTION

Besides USB rechargeable, a majority of FITORCH flashlights have power bank function. With the OTG connector, they can charge phones (both Android and IPhone) in emergency. This is a good way to share different power sources and avoid inconvenience and potential danger when cell phone is out of power in outdoors.



Charging a flashlight with a power supply

Portable power

Solar energy

Adapter

Vehicle charging



A flashlight charges other electronic devices

Android

iphone
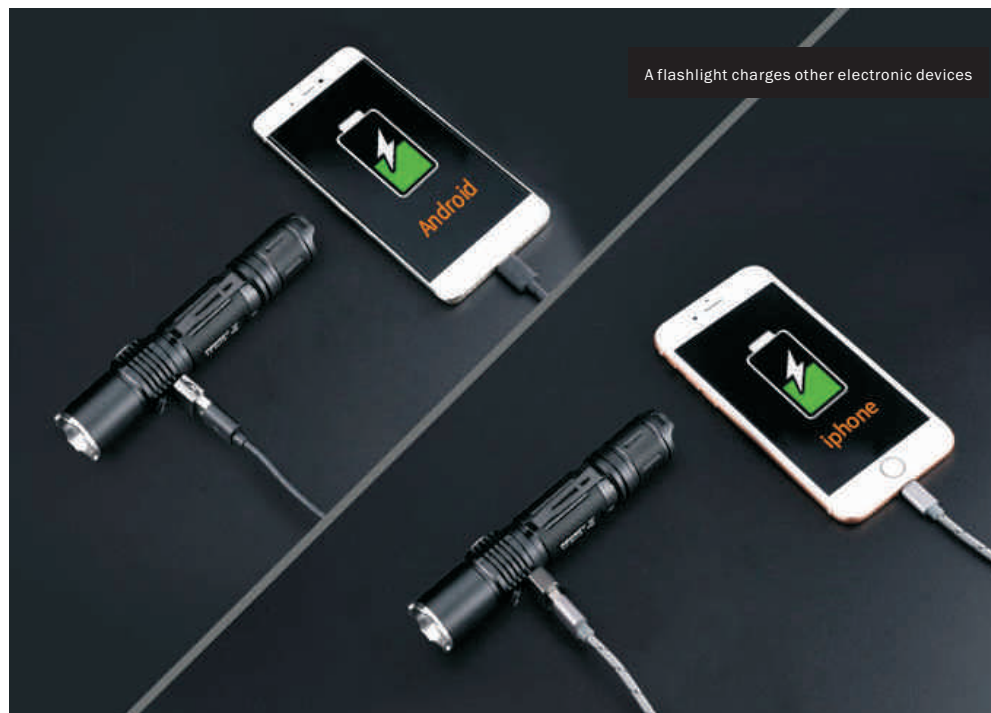
# USER-FRIENDLY DIMMING SYSTEM

All FITORCH flashlights have considered light and dark adaptation to avoid discomfort and protect users' eyes as much as possible. FITORCH has always been keeping user-oriented for better user experience.



T  -  H  -  M  -  L  -  M  -  H  -  T

# POWER LEVEL DETECTION

Most FITORCH flashlights with side switch have power level detection function accurate to 0.1V. This is helpful for users to know power level at any time and prepare sufficient power supply when necessary.



HOT
UB99N00217

Power is enough
3.0V          3.7V          4.2V

Recommended charging
3.0V          3.7V          4.2V

Low power
3.0V          3.7V          4.2V
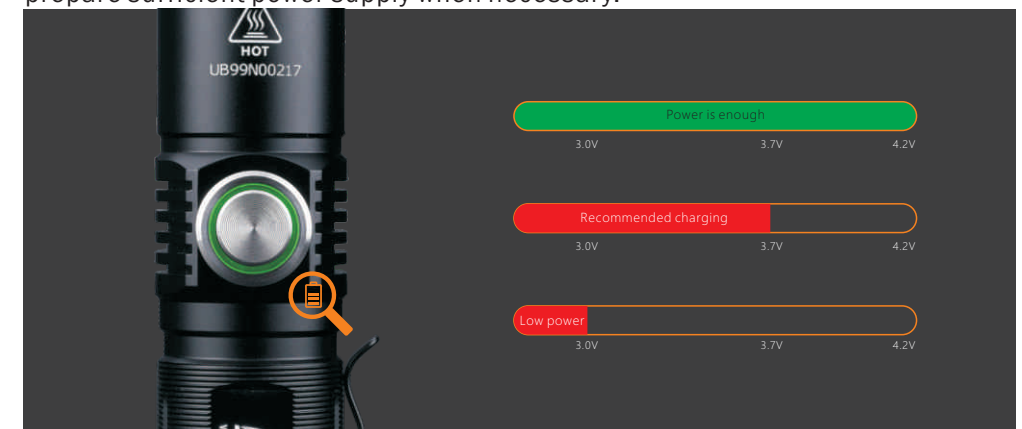
# About FITORCH

Fitorch is a high-tech enterprise specialized in R&D, manufacturing, sales & marketing and service of portable illumination tools, including LED flashlights, headlamps, bicycle lights and accessories. All Fitorch products have their own original design IDs and invention patents. The products are highly recommended in the market with outstanding ratio of cost to performance and reliable quality.

We are not only running a for-profit business, but also contributing to the society by our strong corporate social responsibility.

# PROFESSIONAL OUTDOOR FLASHLIGHTS

## P30RGT | 1180 LUMENS | 285 METERS

### Integrated Housing Rechargeable Outdoor Flashlight

🔋 1x18650 or 2xCR123A

**USB**

SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|
| OUTPUT | 1180 LM | 300 LM | 100LM | 5LM | 1180LM | 300LM |
| RUNTIME | 1.5 h | 3.8 h | 18 h | 181 h | 2.5 h | |
| INTENSITY | 23,300cd | | | | | |
| DISTANCE | 285m(Max) | | | | | |
| WATERPROOF | IPX-8 | | | | | |
| IMPACT RESISTENCE | 2m | | | | | |
| SIZE | ⌀1.00*5.47 Inch /⌀25.4*139mm | | | | | |
| WEIGHT | 3.04 oz/130g(exclude battery) | | | | | |

CREE XP-L LED

Power Level Detection　Compatible with Gun Mount

## P20RGT | 1180 LUMENS | 245 METERS

### Integrated Housing Rechargeable Outdoor Flashlight

🔋 1x18650 or 2xCR123A

**USB**

SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|
| OUTPUT | 1180 LM | 300 LM | 100LM | 5LM | 1180LM | 300LM |
| RUNTIME | 1.5 h | 3.8 h | 18 h | 181 h | 2.5 h | |
| INTENSITY | 18,600cd | | | | | |
| DISTANCE | 245m(Max) | | | | | |
| WATERPROOF | IPX-8 | | | | | |
| IMPACT RESISTENCE | 2m | | | | | |
| SIZE | ⌀1.00*5.47 Inch /⌀25.4*139mm | | | | | |
| WEIGHT | 3.46 Ounces/97g(exclude battery) | | | | | |

CREE XP-L LED

Power Bank Function with the OTG Connector　Beacon Location

# P25 | 3000 LUMENS | 285 METERS

## Highest Performance to Size Ratio

🔋 1x26350 or 1x26650

**USB**



### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|
| OUTPUT | 3000LM | 700LM | 150LM | 30LM | 1500LM | 700LM |
| RUNTIME | 15 min | 1.5 h | 10 h | 28 h | 1 h | |
| INTENSITY | 13,120cd | | | | | |
| DISTANCE | 229m(Max) | | | | | |
| WATERPROOF | IPX-8 | | | | | |
| IMPACT RESISTENCE | 2m | | | | | |
| SIZE | 85.5*33.8*31.8mm | | | | | |
| WEIGHT | 3.21oz/90g(exclude battery) | | | | | |

4x CREE XPG3 LED

---

# P26R | 3600 LUMENS | 265 METERS

## Compact and Powerful Searchlight

🔋 1x26650

**USB**



Power Bank Function with the OTG Connector    Power Level Detection

### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|
| OUTPUT | 3600 LM (1200LM) | 650LM | 120LM | 20LM | 3600LM | 650LM |
| RUNTIME | 90s(2.5h) | 5.2 h | 25 h | 150 h | 1 h | |
| INTENSITY | 21,300cd | | | | | |
| DISTANCE | 265m(Max) | | | | | |
| WATERPROOF | IPX-8 | | | | | |
| IMPACT RESISTENCE | 2m | | | | | |
| SIZE | 132*37*31.8mm | | | | | |
| WEIGHT | 4.87 oz/136.5g(exclude battery) | | | | | |

CREE XHP-70.2 LED

---

# P30Z | 750 LUMENS | 190 METERS

## Beam Zoomable for Flooding and Spot

🔋 1x18650 or 2xCR123A



Close lighting
Rotary screw
Far focus
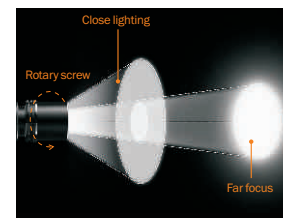
### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | STROBE | SOS |
|---|---|---|---|---|---|
| OUTPUT | 750 LM | 300 LM | 30LM | 750LM | 300LM |
| RUNTIME | 2.15 h | 3.8 h | 120 h | 4 h | |
| INTENSITY | 11,300cd | | | | |
| DISTANCE | 190m(Max) | | | | |
| WATERPROOF | IPX-8 | | | | |
| IMPACT RESISTENCE | 2m | | | | |
| SIZE | ¢1.36*5.08 Inch /¢34.6*129mm | | | | |
| WEIGHT | 4.45 oz/124.6g(exclude battery) | | | | |

CREE XP-L LED

---

# MR35 | 1200 LUMENS | 180 METERS

## RECHARGEABLE WHITE + RGB + UV 5 COLORS LED FLASHLIGHT

🔋 1x18650 or 2xCR123A

**USB**



White, red, green, blue and UV
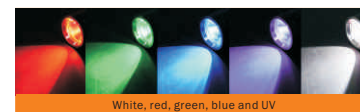
### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|
| OUTPUT | 1200 LM | 330LM | 100LM | 8LM | 1200 LM | 330LM |
| RUNTIME | 1.5 h | 6 h | 20 h | 350 h | | |
| INTENSITY | 13,300cd | | | | | |
| DISTANCE | 180m(Max) | | | | | |
| WATERPROOF | IPX-8 | | | | | |
| IMPACT RESISTENCE | 2m | | | | | |
| SIZE | ¢25.4*147.5*40mm | | | | | |
| WEIGHT | 6.14 oz/172.0g(exclude battery) | | | | | |

CREE XP-L LED

## P35R  1200 LUMENS  980 METERS

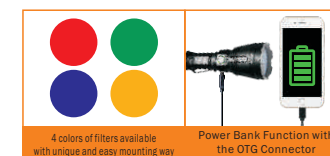### Compact and Long-range Hunting Flashlight

1x18650 or 2xCR123A

USB

4 colors of filters available with unique and easy mounting way

Power Bank Function with the OTG Connector

#### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|
| OUTPUT | 1200 LM | 500LM | 150LM | 5LM | 1200 LM | 500LM |
| RUNTIME | 1.5 h | 5 h | 18 h | 260 h | 2.5 h | |
| INTENSITY | 240,100cd | | | | | |
| DISTANCE | 980m(Max) | | | | | |
| WATERPROOF | IPX-8 | | | | | |
| IMPACT RESISTENCE | 1m | | | | | |
| SIZE | ¢25.4*50*165mm | | | | | |
| WEIGHT | 7.13 oz/202g(exclude battery) | | | | | |

CREE XP-L LED

## PR40  1350 LUMENS  1000 METERS

### Long-range Hunting and Searching Flashlight

2x18650 or 4xCR123A

USB

Power Level Detection

Compatible with Remote Switch and Gun Mount

#### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|
| OUTPUT | 1350 LM | 500LM | 150LM | 5LM | 1350 LM | 500LM |
| RUNTIME | 1.5 h | 6 h | 20 h | 430 h | 3 h | |
| INTENSITY | 250,000cd | | | | | |
| DISTANCE | 1000m(Max) | | | | | |
| WATERPROOF | IPX-8 | | | | | |
| IMPACT RESISTENCE | 1m | | | | | |
| SIZE | ¢25.4*50*235mm | | | | | |
| WEIGHT | 8 oz/226.8g (exclude battery) | | | | | |

CREE XP-L LED

# HS1R 200 LUMENS 80 METERS

NEW

## SMART SENSOR HEADLAMP

a lithium-polymer rechargeable battery

### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | SOS |
|---|---|---|---|---|
| OUTPUT | 200LM | 85LM | 25LM | 200LM |
| RUNTIME | 2.5 h | 5 h | 15 h | 2.5 h |
| INTENSITY | 550cd | | | |
| DISTANCE | 80m(Max) | | | |
| WATERPROOF | IPX-6 | | | |
| IMPACT RESISTENCE | 1m | | | |
| SIZE | 60*35*32mm | | | |
| WEIGHT | 3.0oz/85g | | | |

CREE XPG LED

USB Rechargeable    Smart-Sensing

# HS2R 500 LUMENS 100 METERS

NEW

## MULTI-FUNCTIONAL RECHARGEABLE HEADLAMP

1x18650 or 3xAAA

**USB**

### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | STROBE | SOS | BEACON | HIGH | LOW | RED | RED STROBE |
|---|---|---|---|---|---|---|---|---|---|---|
| OUTPUT | 500LM | 180LM | 100LM | 500LM | 500LM | 500LM | 40LM | 6LM | — | — |
| RUNTIME | 3 h | 10 h | 16 h | — | — | — | 28 h | 60 h | — | — |
| INTENSITY | 980cd | | | | | | | | | |
| DISTANCE | 100m(Max) | | | | | | | | | |
| WATERPROOF | IPX-6 | | | | | | | | | |
| IMPACT RESISTENCE | 1m | | | | | | | | | |
| SIZE | 85.8*38.2*31.5mm | | | | | | | | | |
| WEIGHT | 2.67 oz/75.6g(exclude battery) | | | | | | | | | |

CREE XM-L T6 LED

USB Rechargeable    Smart-Sensing

# ER26 1000 LUMENS | 150 METERS

**NEW**

## MULTIFUNCTIONAL FLASHLIGHT

1x18650

**USB**



90° adjustable head



Magnetic Charging
Convenient And Fast



### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|
| OUTPUT | 1380 LM | 500 LM | 30 LM | 1.5LM | 1380LM | 1380LM |
| RUNTIME | 1.5 h | 4.5 h | 65 h | 600 h | 3 h | |
| INTENSITY | 9,800cd | | | | | |
| DISTANCE | 200m(Max) | | | | | |
| WATERPROOF | IPX-8 | | | | | |
| IMPACT RESISTENCE | 1m | | | | | |
| SIZE | ¢24.5*¢23*122mm | | | | | |
| WEIGHT | 3.24oz/91.8g(exclude battery) | | | | | |

LUMINUS SST40

## MR26  1800 LUMENS  302 METERS

### TACTICAL LED FLASHLIGHT

1x8650 or 2xCR123A

**USB**



Unique Tactical Triple Tail Switch

Compatible with Remote Switch and Gun Mount

**SPECIFICATIONS**

| FL 1 STANDARD | TURBO | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|---|
| OUTPUT | 1800LM | 800LM | 300LM | 100LM | 5LM | 1800LM | 300LM |
| RUNTIME | 40 min | 2 h | 5 h | 18 h | 181 h | | |
| INTENSITY | 23,360cd | | | | | | |
| DISTANCE | 302m(Max) | | | | | | |
| WATERPROOF | IPX-8 | | | | | | |
| IMPACT RESISTENCE | 2m | | | | | | |
| SIZE | ⌀25.4*147*35mm | | | | | | |
| WEIGHT | 4.68oz/131g(exclude battery) | | | | | | |

CREE XHP35 HD LED

19

20

## MR20  1800 LUMENS  265 METERS

### COMPATIBLE WITH 5 SORTS BATTERY
### LONG RUNNING TIME FLASHLIGHT

1x21700 or 1x20700 or 1x18650
or 2xCR123A or 3xAAA

**USB**



4 colors of filters available with unique and easy mounting way

Power Level Indicator

**SPECIFICATIONS**

| FL 1 STANDARD | TURBO | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|---|
| OUTPUT | 1800LM | 800LM | 300LM | 100LM | 5LM | 1800LM | 300LM |
| RUNTIME | 40 min | 2 h | 5 h | 18 h | 181 h | | |
| INTENSITY | 21,785cd | | | | | | |
| DISTANCE | 279m(Max) | | | | | | |
| WATERPROOF | IPX-8 | | | | | | |
| IMPACT RESISTENCE | 2m | | | | | | |
| SIZE | ⌀25.4*143*29.5mm | | | | | | |
| WEIGHT | 3.7oz/106g(exclude battery) | | | | | | |

CREE XHP35 HD LED

# M30R 1800 LUMENS 328 METERS

## TACTICAL LED FLASHLIGHT

▯▮▮▯ 1x8650 or 2xCR123A

**USB**

### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|
| OUTPUT | 1800LM | 460LM | 130LM | 20LM | 1800LM | 460LM |
| RUNTIME | 40 min | 3.5 h | 13 h | 146 h | | |
| INTENSITY | 26,300cd | | | | | |
| DISTANCE | 328m(Max) | | | | | |
| WATERPROOF | IPX-8 | | | | | |
| IMPACT RESISTENCE | 2m | | | | | |
| SIZE | ∅28*159*36.5mm | | | | | |
| WEIGHT | 6.06oz/169.8g(exclude battery) | | | | | |

CREE XHP35 HD LED

Unique Tactical Triple Tail Switch

Power Bank Function with the OTG Connector

# MR15 1200 LUMENS 256 METERS

## COMPATIBLE WITH 5 SORTS BATTERY
## LONG RUNNING TIME FLASHLIGHT

▯▮▮▯ 1x21700 or 1x20700 or 1x18650
or 2xCR123A or 3xAAA

**USB**

### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|
| OUTPUT | 1200 LM | 345LM | 100LM | 6LM | 1200LM | 345LM |
| RUNTIME | 2.5 h | 7 h | 25 h | 229 h | | |
| INTENSITY | 16,400cd | | | | | |
| DISTANCE | 256m(Max) | | | | | |
| WATERPROOF | IPX-8 | | | | | |
| IMPACT RESISTENCE | 1m | | | | | |
| SIZE | ∅28.1*153.1*35.1mm | | | | | |
| WEIGHT | 4.7oz/131.6g(exclude battery) | | | | | |

CREE XP-L LED

Multiple kinds of batteries compatible
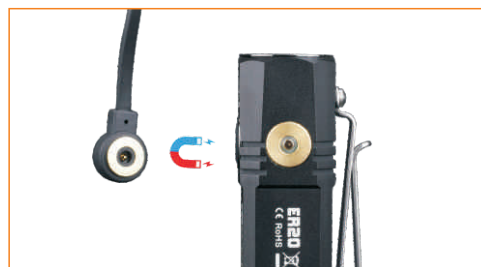
Hidden Micro USB port for charging
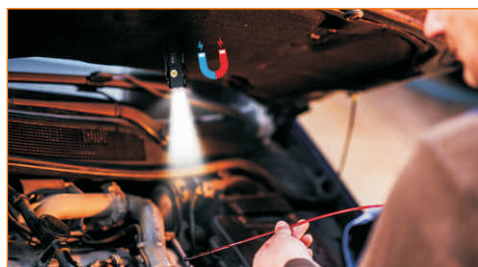
# ER20 1000 LUMENS 150 METERS

## MINI RECHARGEABLE FLASHLIGHT

🔋 1x16340 or 1xCR123A

**NEW**





Magnetic charging convenient and fast



Magnetic tail cap for handfree

### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|
| OUTPUT | 1000 LM | 400 LM | 60 LM | 2LM | 1000LM | 1000LM |
| RUNTIME | 45min | 2 h | 12 h | 150 h | 1.5 h | |
| INTENSITY | 4,500cd | | | | | |
| DISTANCE | 150m(Max) | | | | | |
| WATERPROOF | IPX-8 | | | | | |
| IMPACT RESISTENCE | 1m | | | | | |
| SIZE | ⌀0.83*2.78 Inch /⌀21*70.5mm | | | | | |
| WEIGHT | .1.75oz/49.5g(exclude battery) | | | | | |

CREE XP-L LED

---

# K3 Lite 550 LUMENS 100 METERS

## Rechargeable Lightweight Key-chain Light with Three Lighting Sources

🔋 Built-in Li-ion battery

**USB**





Built-in Li-ion battery USB port for charging



Red, white and UV lighting sources

### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | RED | UV | SOS IN RED | STROBE IN WHITE |
|---|---|---|---|---|---|---|---|
| OUTPUT | 550LM | 145LM | 20LM | 80LM | | 20LM | 550LM |
| RUNTIME | 20 min | 1.2 h | 8 h | 1 h | 1 h | 2.5 h | 1.2 h |
| INTENSITY | 2,500cd | | | | | | |
| DISTANCE | 100m(Max) | | | | | | |
| WATERPROOF | IPX-6 | | | | | | |
| IMPACT RESISTENCE | 1m | | | | | | |
| SIZE | ⌀25.4*147*35mm | | | | | | |
| WEIGHT | 4.68oz/131g(exclude battery) | | | | | | |

1* CREE XPG3 white LED, 1* CREE XPE2 red LED, 1* 370nm UV LED

# EC10  700 LUMENS  165 METERS

## Compact EDC Flashlight

1x14500 or 1xAA

### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | STROBE | SOS |
|---|---|---|---|---|---|
| OUTPUT | 700 LM | 100 LM | 30LM | 700LM | 700LM |
| RUNTIME | 0.9 h | 2.5 h | 8 h | | |
| INTENSITY | 6,823cd | | | | |
| DISTANCE | 165m(Max) | | | | |
| WATERPROOF | IPX-8 | | | | |
| IMPACT RESISTENCE | 2m | | | | |
| SIZE | ¢0.77*4.05 Inch /¢19.5*103mm | | | | |
| WEIGHT | 1.19 oz/33.8g(exclude battery) | | | | |

CREE XP-L LED

Portable and Lightweight 33.8g

Compatible with AA and 14500 battery

25

---

# ER16  1000 LUMENS  150 METERS
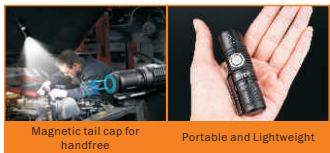
## Rechargeable Portable EDC Flashlight

1x16340

USB

### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|
| OUTPUT | 1000 LM | 340 LM | 130 LM | 3LM | 1000LM | 1000LM |
| RUNTIME | 0.9 h | 1.5 h | 6 h | 60 h | | |
| INTENSITY | 4,500cd | | | | | |
| DISTANCE | 150m(Max) | | | | | |
| WATERPROOF | IPX-8 | | | | | |
| IMPACT RESISTENCE | 2m | | | | | |
| SIZE | ¢1.0*3.67 Inch /¢25.4*93mm | | | | | |
| WEIGHT | 2.59oz/72.4g(exclude battery) | | | | | |

CREE XP-L LED

Magnetic tail cap for handfree

Portable and Lightweight

---

# EC05  215 LUMENS  80 METERS

## Fitorch EC05 Penlight

2xAAA

### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | STROBE | SOS |
|---|---|---|---|---|---|
| OUTPUT | 215 LM | 70 LM | 10LM | 215LM | 215LM |
| RUNTIME | 2 h | 8 h | 40 h | | |
| INTENSITY | 1,600cd | | | | |
| DISTANCE | 80m(Max) | | | | |
| WATERPROOF | IPX-8 | | | | |
| IMPACT RESISTENCE | 2m | | | | |
| SIZE | ¢14.4*¢15.3*129.2mm | | | | |
| WEIGHT | 1.1 oz/31.2g(exclude battery) | | | | |

CREE XP-L LED

26

---

# EC20  550 LUMENS  145 METERS

## Rechargeable Portable EDC Flashlight

2xAA

### SPECIFICATIONS

| FL 1 STANDARD | HIGH | MEDIUM | LOW | ECO | STROBE | SOS |
|---|---|---|---|---|---|---|
| OUTPUT | 550 LM | 180LM | 50LM | 3LM | 550 LM | 550LM |
| RUNTIME | 2.5 h | 8.5 h | 35 h | 180 h | | |
| INTENSITY | 5,260cd | | | | | |
| DISTANCE | 145m(Max) | | | | | |
| WATERPROOF | IPX-8 | | | | | |
| IMPACT RESISTENCE | 1m | | | | | |
| SIZE | ¢20.5*23*155mm | | | | | |
| WEIGHT | 2.78oz/78.8g (exclude battery) | | | | | |

CREE XP-L LED

## UC26R 18650 2600mAh

### SPECIFICATIONS

▶ Micro-USB rechargeable port
▶ Built-in PCB for protection
▶ Multiple safeguards
▶ 500 charge cycle

## UC34R 18650 3400mAh

### SPECIFICATIONS

▶ Micro-USB rechargeable port
▶ Built-in PCB for protection
▶ Multiple safeguards
▶ 500 charge cycle

## C260 18650 2600mAh

### SPECIFICATIONS

▶ Built-in PCB for protection
▶ Multiple safeguards
▶ 500 charge cycle

## C270 21700 5000mAh

### SPECIFICATIONS

▶ Built-in PCB for protection
▶ Multiple safeguards
▶ 500 charge cycle

## C450 26650 4500mAh

### SPECIFICATIONS

- ▶ Built-in PCB for protection
- ▶ Multiple safeguards
- ▶ 500 charge cycle

## UC20R 26350 2000mAh

### SPECIFICATIONS

- ▶ Micro-USB rechargeable port
- ▶ Built-in PCB for protection
- ▶ Multiple safeguards
- ▶ 500 charge cycle

## C147R 14500 750mAh

### SPECIFICATIONS

- ▶ Micro-USB rechargeable port
- ▶ Built-in PCB for protection
- ▶ Multiple safeguards
- ▶ 500 charge cycle

## C166R 16340 650mAh

### SPECIFICATIONS

- ▶ Micro-USB rechargeable port
- ▶ Built-in PCB for protection
- ▶ Multiple safeguards
- ▶ 500 charge cycle

## MT30 Tactical remote pressure mouse switch

### SPECIFICATIONS

- ▶ For Models: M30R, MR26, MR20
- ▶ Span life:1000,000 clicks
- ▶ Free velcro for quick fixing
- ▶ Tail cap size:28.3x35mm
- ▶ N.W:45.7g

## ET25 P25 Extendable Compartment

### SPECIFICATIONS

- ▶ Extendable Compartment Comply With 1*26650 Rechargeable Battery
- ▶ High-strength Aerospace Mil-Spec Hard Anodized Aluminum
- ▶ N.W:18g

## DF35 MR35 White Filter

### SPECIFICATIONS

- ▶ Soft Light Output In White Filter
- ▶ Size:85x40mm
- ▶ N.W:33.6g

## GM-1

### SPECIFICATIONS

- ▶ For Models: P20RGT,P30RGT,P35R,PR40,MR35 M30R, MR26, MR20,P30Z

## WARRANTY TERMS

**We are confident in the quality of our products**.

If your Fitorch products has any defect as the result of the material or workmanship, we would like to make it right.

**15 days free replacement**: Fitorch will replace a new replacement within 15 days from purchase date for any manufacturing defects happen in normal use. Please return the product to the retailer you purchased from and they will replace it.

**5 years (60 months)** free repairs: Fitorch will offer free repair within 5 years for lights from the date of purchase if problem happen in normal use.

**Limited lifetime warranty**: Over 5 years, Fitorch will provide lifetime repairs but charge for parts.

**The free warranty does not cover any damages or failure caused by:**
1. Normal wear;
2. Rough operation;
3. Battery leakage;
4. Improper operations;
5. Salt water and corrosive damage to the light

Batteries are currently under 1 year warranty