

2017 ▾ Blazing into the darkness!

MICROFIRE PRODUCT CATALOG





MicroFire is a leading technology company with over 10 years of experience in designing and manufacturing top-of-the-line tactical lighting products including flashlights, searchlights, and laser dazzlers. Driven by innovation, we at MicroFire are constantly looking for new ways to translate cutting-edge technology into value, quality, and ultimately superior performance. All of our products are made per U.S. MIL-SPEC and we pride ourselves in our mission to provide combat and law enforcement personnel, including some of the most elite troops around the world, with the best lighting solutions possible.

2017 marks a new beginning for us. With the successful introduction of several ground-breaking products that have surpassed all major competitors last year, MicroFire is now poised to transform the landscape of the entire tactical lighting industry.

Hand-held Tactical Flashlights

Our relentless pursuit for excellence and perfection pushes the boundaries of what a flashlight can do. Although no single flashlight is suitable for all circumstances, when you look for a lighting product to fulfill your tactical need, look no further than MicroFire: you are guaranteed a top-quality, ultra-reliable and most durable product that can help you complete the mission successfully and return safely.

At MicroFire there is always a lighting product that can meet or even exceed your expectations. All products are designed, manufactured and tested for the most extreme environment possible. We believe that MicroFire hand-held flashlights are the first choice for all military and law enforcement personnel as well as hardcore outdoor enthusiasts.





Ultra-Bright Tactical Flashlight (Excalibur H20)



2,000 m

700 lm

1,000,000 cd

Ideal for:

Army

Navy

Police

Combining state-of-the-art optical engineering and a customized LED light source, Excalibur H20 features:

Multi-mode operation: Strobe, high, and 1-50% dimming, selectable by the pressing and holding of a single button

Continuous twist focusing that makes it easy to adjust the beam from spot to flood

A direct charging port and a power indicator that shows the battery status

A watertight, shock-resistant carrying case with open-cell foam padding for extra protection

A sturdy aerospace-grade aluminum alloy housing with a HAIII military-grade hard-anodized finish that ensures rugged and reliable performance under extreme conditions and is waterproof up to 5 m of submersion.

Ideal for military and law enforcement applications, this flashlight is also a must-have for civilian security professionals and hardcore outdoor enthusiasts.



New Product

Beam spot 1,200 meters away



Peak beam intensity	1,000,000 cd World Record
Range	2,000 m (as per ANSI/NEMA FL-1)
Modes	100% power; 1-50% dimming; Strobe
Runtime	6.5 hr (100% power); 226 hr (1% power)
Power supply	Built-in MicroFire/Panasonic rechargeable Li-ion battery pack (6*3400 mAh)
Charge time	3 hr (by 3A MicroFire AC charger)
Beam divergence	1.4 ° - 30 °
LED power consumption	10 W
Bezel diameter	87 mm
Housing diameter	46 mm
Length	257 mm
Weight	960 g
Working temperature	-20 °C - +70 °C
Water resistance	IP68, up to 5 m of submersion (as per U.S. MIL-STD-810G)
Drop	1.5 m (as per U.S. MIL-STD-810G)
Standard accessories	3A direct wall charger; carrying case with shoulder strap; vehicle charging adaptor
Optional accessories	Red, amber, green, blue filters



Long-range Tactical Flashlight (Explorer H11)

1,100 m

120 hr

330,000 cd

Ideal for:

Army

Navy

Police

Delivering a far-reaching beam of up to 1,100 meters, H11 packs state-of-the-art optical engineering and a customized LED light source into a single unit. Some of its amazing features include:

Multi-mode operation: Strobe, high, and 1-50% dimming, selectable by the pressing and holding of a single button
Continuous twist focusing that makes it easy to adjust the beam from spot to flood

A push button tailcap that also features a remote switch/direct charging port

A sturdy aerospace-grade aluminum alloy housing with a HAIII military-grade hard-anodized finish that ensures rugged and reliable performance under extreme conditions and is waterproof up to 10 m of submersion.

H11 can either be mounted on weapons such as assault rifles or general purpose machine guns, or it can be hand carried by military and law enforcement professionals.



New Product

Peak beam intensity	330,000 cd
Range	1,100 m (as per ANSI/NEMA FL-1)
Modes	100% power; 1-50% dimming; Strobe
Runtime	2 hr (100% power); 120 hr (1% power)
Power supply	2*18650 (3400 mAh) rechargeable Li-ion batteries
Charge time	3.5 hr (by MicroFire A2 AC charger)
Beam divergence	3° -28°
LED power consumption	10 W
Bezel diameter	54 mm
Housing diameter	42 mm
Length	170 mm
Weight	430 g (including batteries)
Working temperature	- 20 °C - +70 °C
Water resistance	IP68, up to 10 m of submersion (as per U.S. MIL-STD-810G)
Drop	1.5 m (as per U.S. MIL-STD-810G)
Optional accessories	Red, amber, green, blue filters; 3,400 mAh MicroFire/Panasonic 18650 Li-ion battery (2x); 1 A direct charger; A2 cradle/vehicle dual charger; holster



Mid-range Tactical Flashlight
(Falcon H7)



700 m

56 hr

130,000 cd

Ideal for:

Army

Navy

Police

Falcon H7 is the hand-held version of Falcon H7, with a slightly different set of features:

Multi-mode operation: Strobe, high, and 1-50% dimming, selectable by the pressing and holding of a single button
Continuous twist focusing that makes it easy to adjust the beam from spot to flood

A sturdy aerospace-grade aluminum alloy housing with a HAIII military-grade hard-anodized finish that ensures rugged and reliable performance under extreme conditions and is waterproof up to 5 m of submersion

World champion in terms of brightness and beam throw for the same beam size and wattage.



New Product

Peak beam intensity	130,000 cd
Range	700 m (as per ANSI/NEMA FL-1)
Modes	100% power; 1-50% dimming; Strobe
Runtime	2 hr (100% power); 56 hr (1% power)
Power supply	1*18650 (3400 mAh) rechargeable Li-ion batteries or 2*CR123A
Charge time	3.5 hr (by MicroFire A1 AC charger)
Beam divergence	2.4° - 24°
LED power consumption	10 W
Bezel diameter	40 mm
Housing diameter	25.4 mm
Length	149 mm
Weight	212 g (including batteries)
Working temperature	-20 °C - +70 °C
Water resistance	IP68, up to 5 m of submersion (as per U.S. MIL-STD-810G)
Drop	1.5 m (as per U.S. MIL-STD-810G)
Standard accessories	Push-button tailcap
Optional accessories	Red, amber, green, blue filters; 3,400 mAh MicroFire/Panasonic 18650 rechargeable Li-ion battery; A1 cradle/vehicle dual charger; charger cable; holster



Hand-held Tactical Floodlight
(Challenger H5)



450 m

5,000 lm

50,000 cd

Ideal for:

Army

Navy

Police

Designed to work in flood mode only, Challenger H5 puts out a whopping 5,000 lumens via 7 customized LEDs. Some of its unique features include:

- Multi-mode operation: High, medium, low, strobe, and standby, selectable via a mode selection ring
- Efficient heat dissipation via a built-in water-proof fan to keep the housing cool
- Optional K6 rechargeable battery pack to double the run time
- A sturdy aerospace-grade aluminum alloy housing with a HAIII military-grade hard-anodized finish that ensures rugged and reliable performance under extreme conditions and is waterproof up to 10 m of submersion.

Potential application scenarios: military and law enforcement operations, search and rescue missions, photographing, snorkeling, hiking, hunting, camping, and other outdoor activities.



New Product

Beam shot picture



Peak beam intensity	50,000 cd
Range	450 m (as per ANSI/NEMA FL-1)
Modes	Turbo; 100% power; 50% dimming; 5% dimming; Strobe; Standby
Runtime	1.5 hr (K3S-X: 100% power); 35 hr (K3S-X: 5% dimming) 3 hr (K6S: 100% power); 70 hr (K6S: 5% dimming)
Power supply	K3S-X rechargeable battery pack (3*3400 mAh) or K6S rechargeable battery pack (6*3400 mAh)
Charge time	3.5 hr (by MicroFire AC charger)
Beam divergence	40°
LED power consumption	35 W
Bezel diameter	76 mm
Housing diameter	47 mm
Length	178 mm
Weight	670 g (including batteries)
Working temperature	-20 °C - +70 °C
Water resistance	IP68, up to 10 m of submersion (as per MIL-STD-810G)
Drop	1.5 m (as per MIL-STD-810G)
Standard accessories	K3S-X: 1.5 A AC charger K6S: 3 A AC charger
Optional accessories	Red, amber, green, blue filters; K3S-X rechargeable battery pack (3*3400 mAh); K6S rechargeable battery pack (6*3400 mAh); vehicle charging adaptor; holster



Hand-held Patrol Light (Harrier H3)



300 m

RGB signals

22,500 cd

Ideal for:

Police

Designed for hand-held operation, Harrier H3 has some unique features that are most suitable for outdoors and law enforcement applications:

Multi-mode operation: Turbo, strobe, 1-100% dimming, RGB signal lights, and flashing R/B signal light, selectable via a mode selection ring

Continuous twist focusing that makes it easy to adjust the beam from spot to flood

A titanium alloy retaining ring that protects the optical lens from damage

A battery power indicator light

A stainless steel two-way clip that allows for secure head-up or head-down carry

Optional accessories including a holster, a press-fit traffic wand, and a titanium alloy window breaker spike

A sturdy aerospace-grade aluminum alloy housing with a HAIII military-grade hard-anodized finish that ensures rugged and reliable performance under extreme conditions and is waterproof up to 10 m of submersion.



New Product

Beam shot picture



Peak beam intensity	22,500 cd
Range	300 m (As per ANSI/NEMA FL-1)
Modes	Turbo; Strobe; 1-100% dimming; RGB signals; Flashing R/B signal
Runtime	2 hr (100% power); 56 hr (1% power)
Power supply	1*18650 rechargeable battery or 2*CR123A (3 V)
Charge time	3.5 hr (By MicroFire A1 charger)
Beam divergence	10° - 22°
LED power consumption	10 W
Bezel diameter	40 mm
Housing diameter	25.4 mm
Length	144 mm
Weight	189 g (including batteries)
Working temperature	-20 °C - +70 °C
Water resistance	IP68, up to 10 m of submersion (As per MIL-STD-810G)
Drop	1.5 m (As per MIL-STD-810G)
Standard accessories	stainless steel two-way clip
Optional accessories	titanium alloy window breaker spike; press-fit traffic wand; 3,400 mAh MicroFire/Panasonic 18650 rechargeable Li-ion battery; A1 cradle/vehicle dual charger; holster



Multi-spectrum Tactical Flashlight
(CSI HMC2)



200 m

Multi-spectrum

249 g

Ideal for:

- Army
- Navy
- Police

Designed for law enforcement and other professional uses, HM2C provides a multi-spectrum lighting solution that includes the following unique features:

Customized color/spectrum combinations: can choose any four out of six colors/spectra - red, green, blue, white, UV and IR

Color/spectrum change by a simple twisting of the bezel assembly

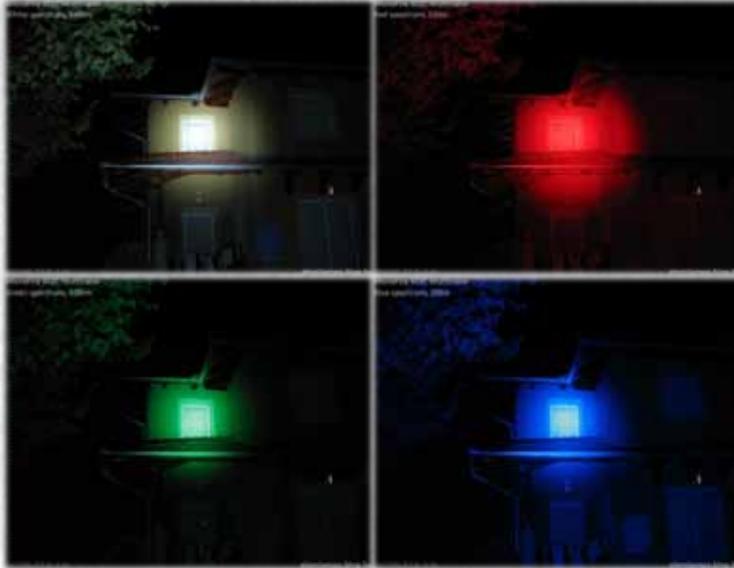
Multi-mode operation: High, medium, low, and strobe, selectable via a mode selection ring

A sturdy aerospace-grade aluminum alloy housing with a HAIII military-grade hard-anodized finish that ensures rugged and reliable performance under extreme conditions (operating temperature ranges from -40 °C to 67 °C) and is waterproof up to 20 m of submersion.



New Product

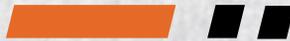
Beam shot picture



Peak beam intensity	9,000 cd
Range	200 m (As per ANSI/NEMA FL-1)
Modes	High (100% power); Medium (50% power); Low (10% power); Strobe
Runtime	W: 4.5 hr (100% power); R: 4 hr (100% power); G: 6.5 hr (100% power); B: 3 hr (100% power); IR: 43 hr (100% power); UV: 3.5 hr (100% power)
Power supply	1*18650 rechargeable battery or 2*CR123A (3 V)
Charge time	3.5 hr (By MicroFire A1 charger)
Bezel diameter	45 mm
Housing diameter	25.4 mm
Length	143.7 mm
Weight	249 g (including batteries)
Working temperature	-20 °C - +70 °C
Water resistance	IP68, up to 20 m of submersion (As per MIL-STD-810G)
Drop	1.5 m (As per MIL-STD-810G)
Standard accessory	Push-button tailcap
Optional accessories	3,400 mAh MicroFire/Panasonic 18650 rechargeable Li-ion battery; A1 cradle/vehicle dual charger; charger cable; holster



Hand-Held Green Laser Dazzler (HGLD8)



800 mW

IP68

175 g

Ideal for:

Army

Navy

Police

As a non-lethal weapon designed to incapacitate targeted personnel, HGLD8 has many advantages over its competitors. For example, the choice of semiconductor laser as its light source allows for not only light weight and compact size, but also a maximum output power of 800 mW, which is 4 times that of competitors. Other features of this game-changing product include:

Multi-mode operation: Strobe, high, and 1-50% dimming, selectable by the pressing and holding of a single button
Continuous twist focusing that makes it easy to adjust the beam from spot to flood

An optional Picatinny gun mount to mount the dazzler to a gun

A sturdy aerospace-grade aluminum alloy housing with a HAIII military-grade hard-anodized finish that ensures rugged and reliable performance under extreme conditions and is waterproof up to 10m of submersion.



New product

Max output	800 mW (green laser)
Modes	100% power; 1-50% dimming; Strobe
Runtime	3 hr (100% power); 6 hr (strobe)
Beam divergence	0.1° - 30°
Power supply	1*18650 (3,400mAh) rechargeable Li-ion batteries or 2*CR123A
Charging time	3.5 hr (by MicroFire A1 AC charger)
Bezel diameter	40 mm
Housing diameter	25.4 mm
Length	175 mm
Weight	175 g
Working temperature	-20 °C - +50 °C
Water resistance	IP68, up to 10 m of submersion (as per U.S. MIL-STD-810G)
Drop	1.5 m (as per U.S. MIL-STD-810G)
Optional accessories	Tactical holster

The Tactical Lighting Expert

