

**NITECORE®**

**IFE2**



Patent No.: 201010228516.3

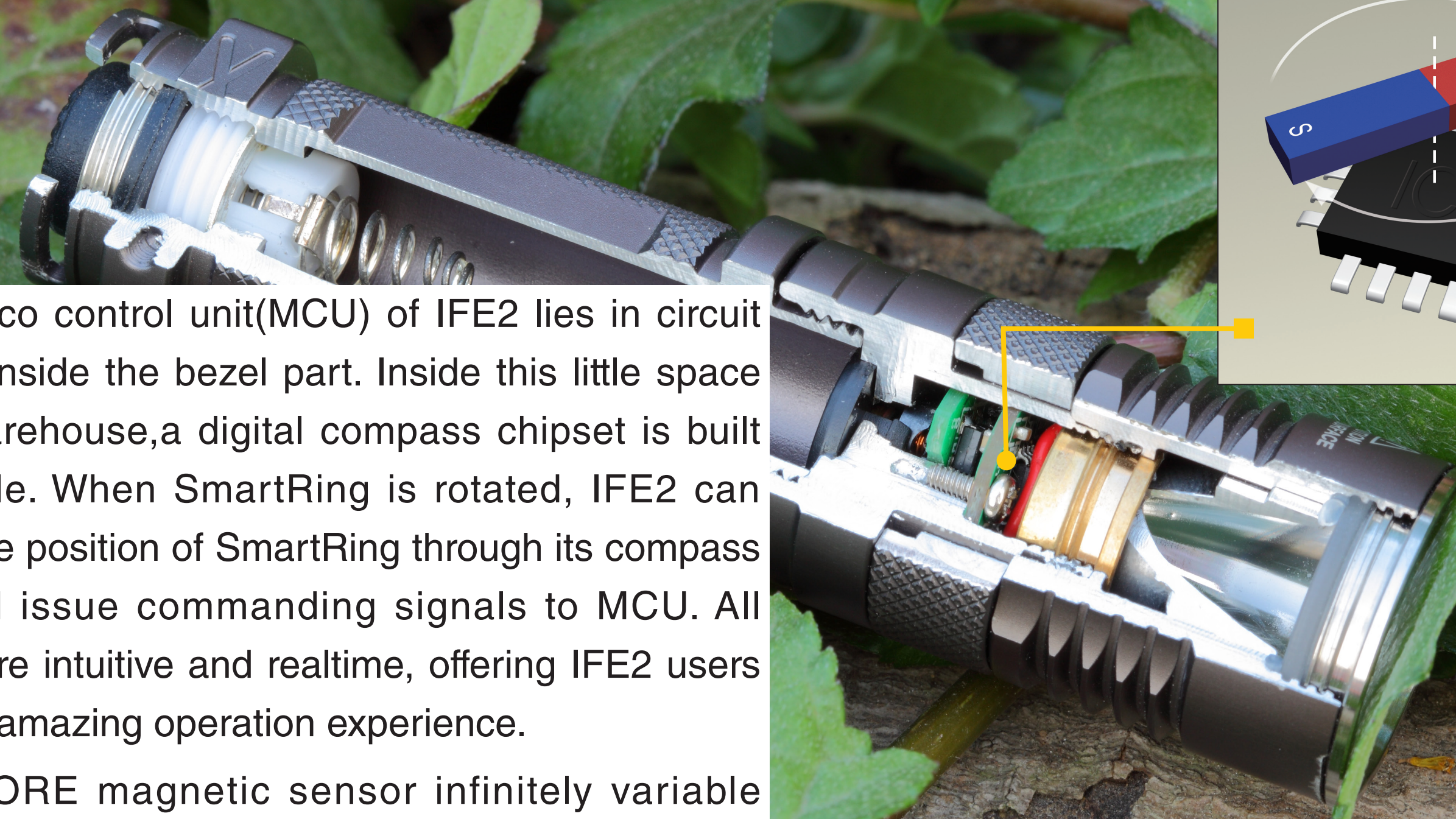
**NITECORE IFE2-World's first  
18650 cell flashlight employing  
magnetic sensor infinitely variable  
brightness system technology.**

***Patent technology, leading in the arena***

A silver Nitecore IFE2 flashlight is shown lying on a wooden surface with green foliage in the background. The flashlight has a textured grip and a silver metal clip. A yellow curved arrow points to the SmartRing on the bezel, and a yellow line points to the text '0.003~345 Lumens / Strobe'. The flashlight body has 'Infilux IFE2 CE' and 'E1012D00001' printed on it.

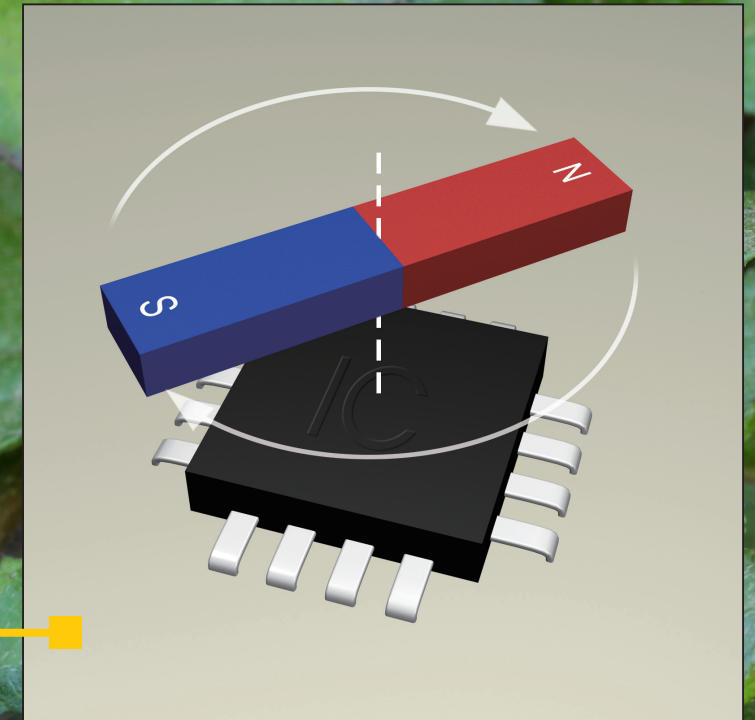
0.003~345 Lumens / Strobe

IFE2 employs world's leading patented magnetic sensor technology, mixing with NITECORE precise manufacturing skills. Users can adjust flashlight output brightness level(0.003-345 lumens) freely by easily rotating SmartRing at the bezel part. Also, you can access strobe function by fast rotating SmartRing continuously in a clockwise direction until SmartRing past "turn off " position.



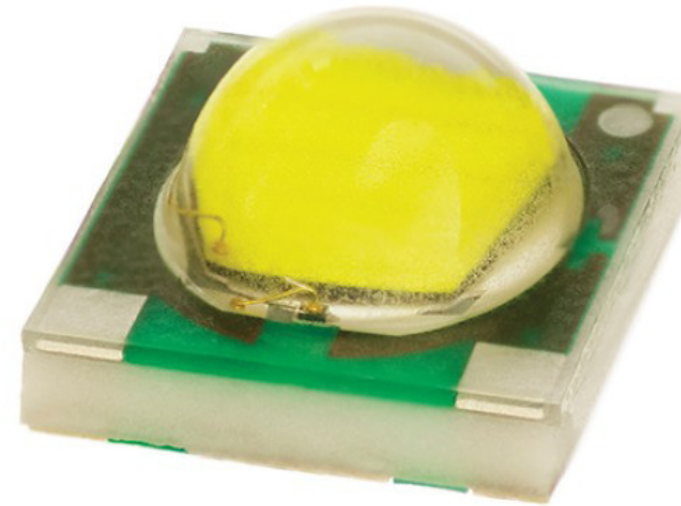
The micro control unit (MCU) of IFE2 lies in circuit warehouse inside the bezel part. Inside this little space of circuit warehouse, a digital compass chipset is built in meanwhile. When SmartRing is rotated, IFE2 can recognise the position of SmartRing through its compass chipset and issue commanding signals to MCU. All responses are intuitive and realtime, offering IFE2 users smooth and amazing operation experience.

NITECORE magnetic sensor infinitely variable brightness system technology has been under patent protection since October 2010.

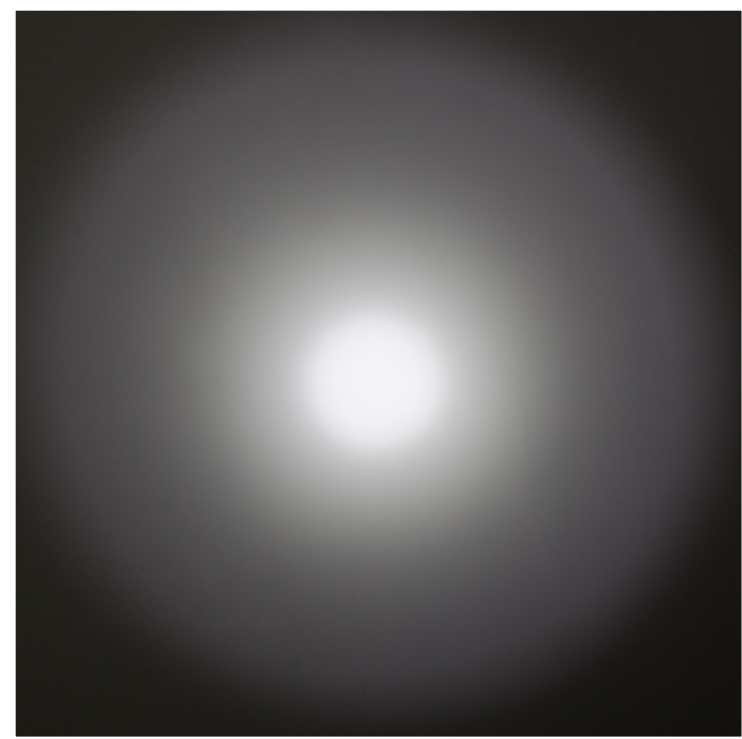


**IFE2**

Cree's top of the line R5 LED is capable of a record-breaking 139 lumens per watt



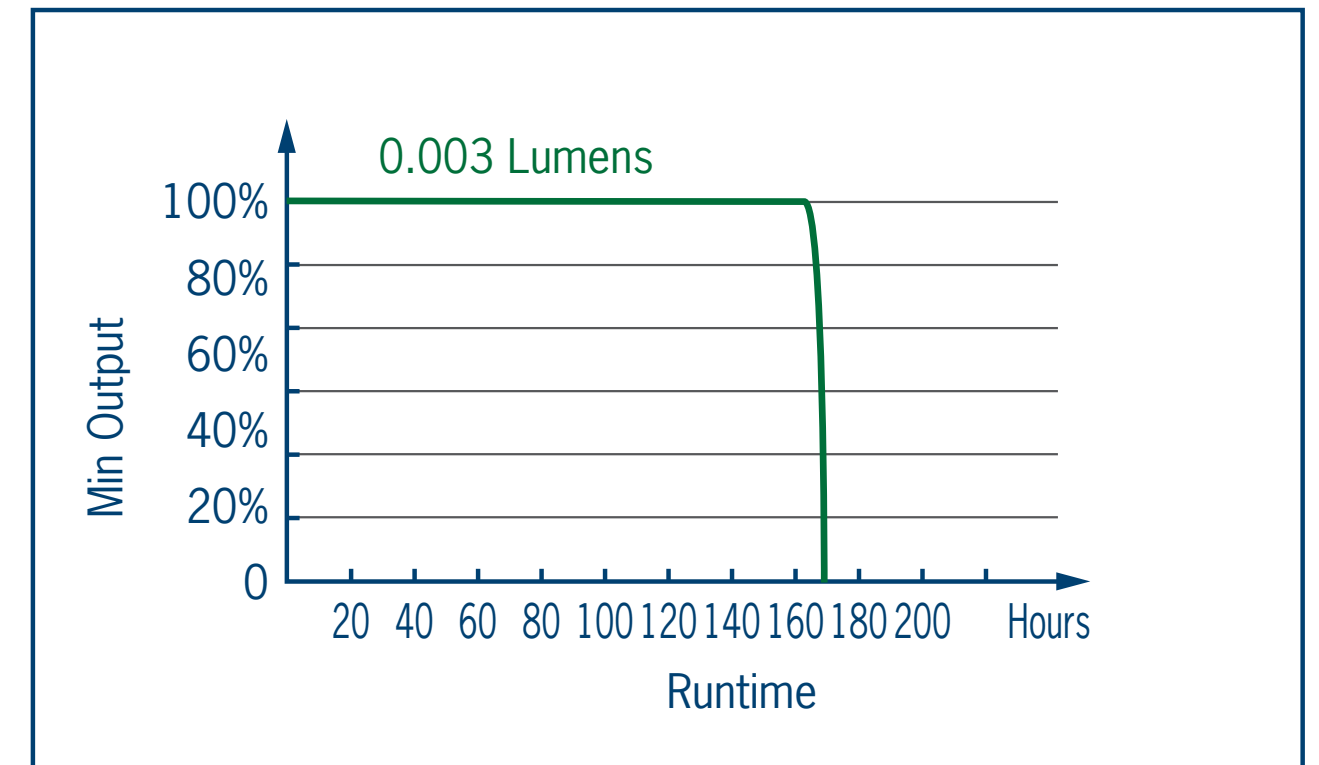
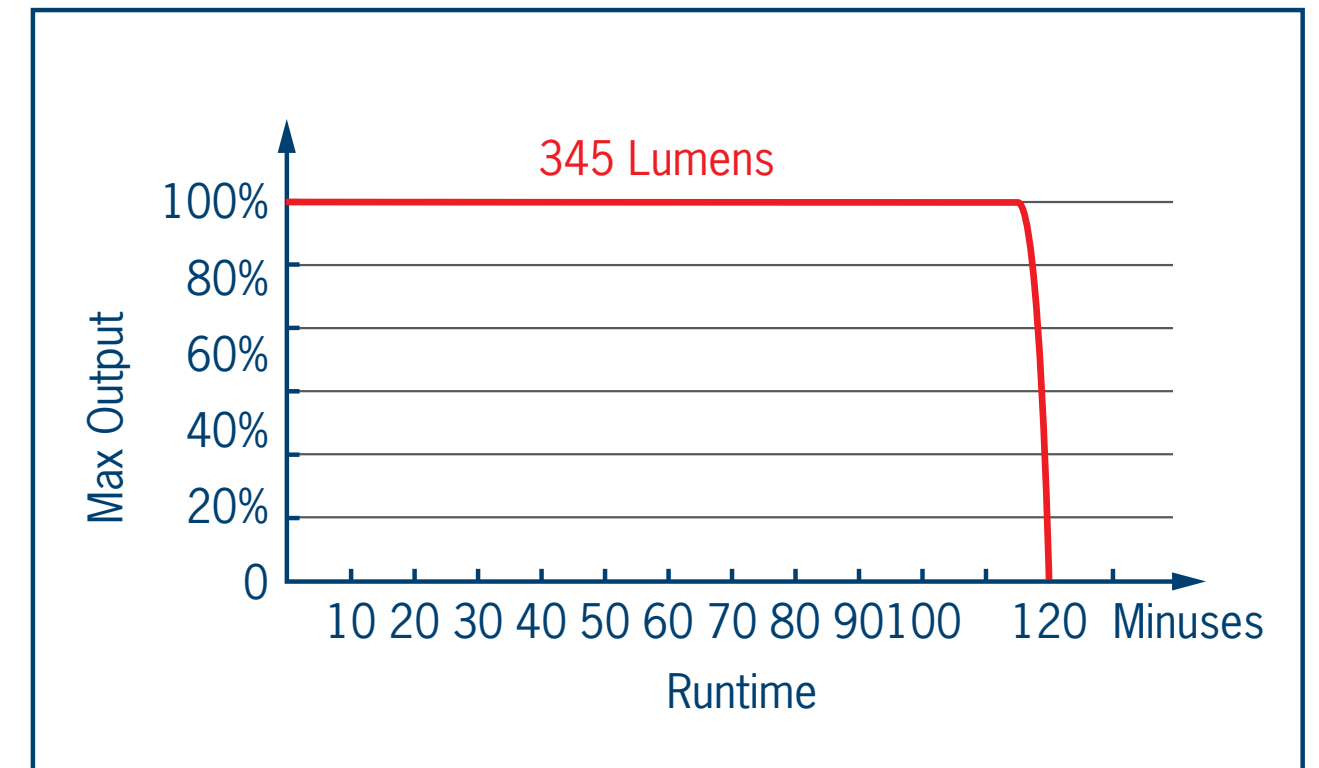
IFE2 equips premium CREE R5 LED, which is capable of a record-breaking 139 lumens per watt. Beneficial from high efficient LED and drive circuit, IFE2 can emit high output of 345 lumens, which is one of the brightest flashlight on a single 18650/2\*CR123 cell.



IFE2 beam profile

A custom-designed high efficient alloy reflector specifically optimized for the XP-G R5 LED maximizes light transmittance, projecting an even mix of throw and flood, and maintaining a perfect beam profile.

The high efficient drive circuit of IFE2 can be compatible with various kinds of batteries. Most notably, brightness can be ramped either up or down and set anywhere between 0.003 and 345 lumens, for constant unwavering output until battery exhaustion. User friendly battery polarity anti-reverse design can facilitate user to replace new batteries in dark circumstances.



**IFE2**

IFE2 adopts tactical forward clicky switch design, partially depress for momentary on mode and fully depress to turn on. This switch features more convenience and energy-saving, and also can achieve MORSE code light signal.

Durable titanium alloy clip is equipped on IFE2 body part, which indicates NITECORE is dedicated in developing and making perfect flashlights.



Removable titanium alloy clip

Anti-roll design

Anti-rolling rugged design

IPX-8 standard waterproof,  
under water 2m

0.003~345 Lumens / Strobe

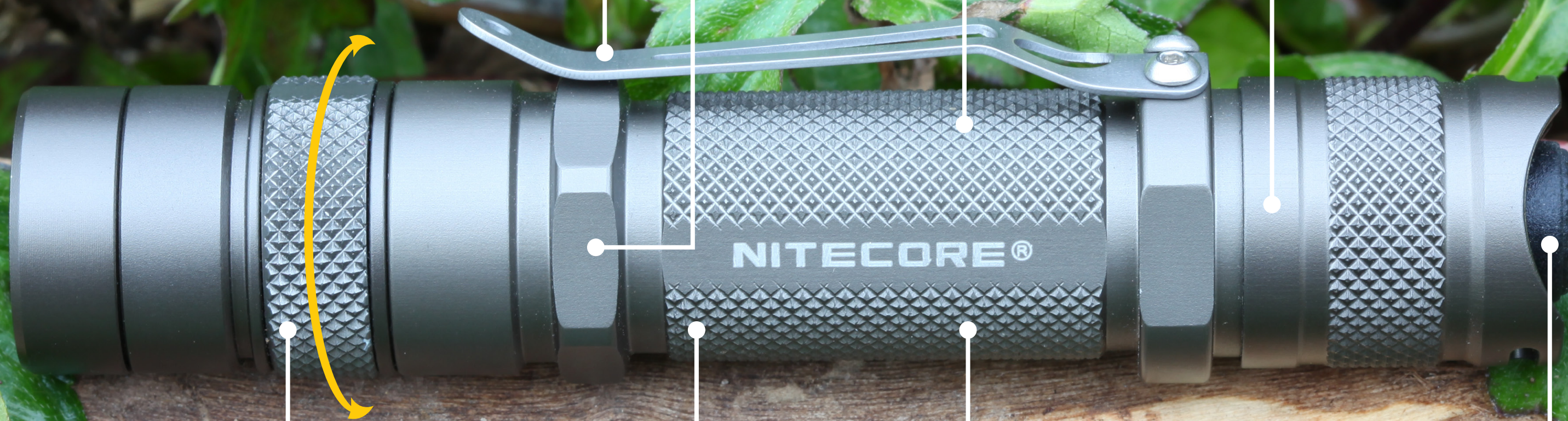
NITECORE®

SmartRing II 'Infinitely Variable'  
digitally controlled brightness  
system

Aircraft grade aluminum  
alloy tube

Mil-Spec type III Hard-Anodized  
scratch and corrosion resistant finish

Tactical forward  
clicky switch





**Entirely new  
experience, allure  
of high technology.  
IFE2, beyond all your  
expectations.**

## Output & Runtime

Maximum output of 345 lumens for approximately 2 hour

Minimum output of 0.003 lumens for approximately 168 hours

Strobe output of 345 lumens

**Note:** Stated brightness and runtime figures are based on tests using a single 18650 battery (approximate 2300mAh) under laboratory conditions. Variances in these figures will occur depending on batteries used and individual usage habits.

## Dimensions

Bezel diameter:23.4mm

Tube diameter:25.4mm

Length:126mm

## Weight

62g(wihtout battery)

## Included accessories

Lanyard, spare waterproof O-ring, quality holster

**IFE2**

## Features

- ◆ SmartRing "Infinitely Variable" digitally controlled brightness system
- ◆ Intuitive and simple user interface
- ◆ Strobe and SOS functionality
- ◆ Aircraft grade aluminum alloy construction for strength and durability
- ◆ Compact and lightweight - suitable for EDC (every day carry)
- ◆ Mil-Spec type III hard-anodized
- ◆ Impact resistant in accordance with US MIL-STD-810F
- ◆ Waterproof in accordance with IPX-8 (withstanding up 2 meters water submersion)
- ◆ Broad voltage fully regulated circuit - compatible with numerous battery chemistries
- ◆ High intensity CREE XP-G R5 LED with 50,000 hour life and maximum ouput of 345 lumens
- ◆ Extended runtime
- ◆ Ultra clear impact-resistant optical lens and computer designed metal reflector