

A HANDS FREE SEARCHLIGHT

HP16R 1700 lumens maximum output

HIGH-PERFORMANCE RECHARGEABLE OUTDOOR HEADLAMP



1700 lumens
maximum output



Spotlight,
floodlight
and red light



Integrated
die-casting
aluminum body



USB Type-C
charging



AA battery
compatible



HIGH POWER BLASTS FROM THIS SMALL HEADLAMP STYLE SEARCHLIGHT

The HP16R bursts a high output of 1700 lumens*. When confronting complex and changeable outdoor environment, wear this lamp on your head, it will surely act as a small searchlight to easily illuminate the road ahead.





1700

lumens output



260

meters beam

*  1300 lumens of spotlight mode  400 lumens of floodlight mode.

VARIOUS BRIGHTNESS OPTIONS FOR A VARIETY OF LIGHTING DEMANDS

The brightness levels range from 5 to 1300 lumens of spotlight, floodlight and red light. The nine brightness levels can be freely selected for high-intensity outdoor activities like mountaineering, camping, exploring and running, or for daily work lighting.



Spotlight: 4 brightness levels from 50 to 1300 lumens: search and work lighting




Floodlight: 3 brightness levels from 5 to 400 lumens: wide-range lighting or reading





Red light: 2 brightness levels of 5 lumens: soft night vision, anti-mosquitoes

HIGH COLOR-RENDERING LED PRESENTS NATURAL COLORS

The floodlight is fitted with a high color-rendering Cree XP-G3 neutral white LED with a color temperature of 4500K. It has significant darkness-penetrating power and can vividly present the natural color of objects, which is beneficial to industrial maintenance, outdoor search and other tasks.

 Color rendering
index (CRI): 75

 Color temperature:
about 4500K

 Maximum brightness:
400 lumens



Floodlight



Spotlight

2 METERS IMPACT RESISTANCE

The lightweight body is integrated die-casting of quality PC and aluminum, rugged and reliable, even when subjected to extreme conditions. It can withstand a drop test of 2 meters on 6 sides.



The low thermal resistance of the metal shell combined with large-area heat dissipation, effectively improves heat dissipation efficiency and makes the headlamp more reliable, especially in long-term operation.

* The 2 meters drop test results were produced by Fenix through its laboratory testing.



SEPARATE DESIGN PROVIDES PLEASANT AND SOLID WEAR

With a separate design, the lamp and the battery case are respectively placed in front and at the rear, and the overall weight is evenly distributed, providing more stable and comfortable wear for the user.



Battery + battery case:
about 125 grams



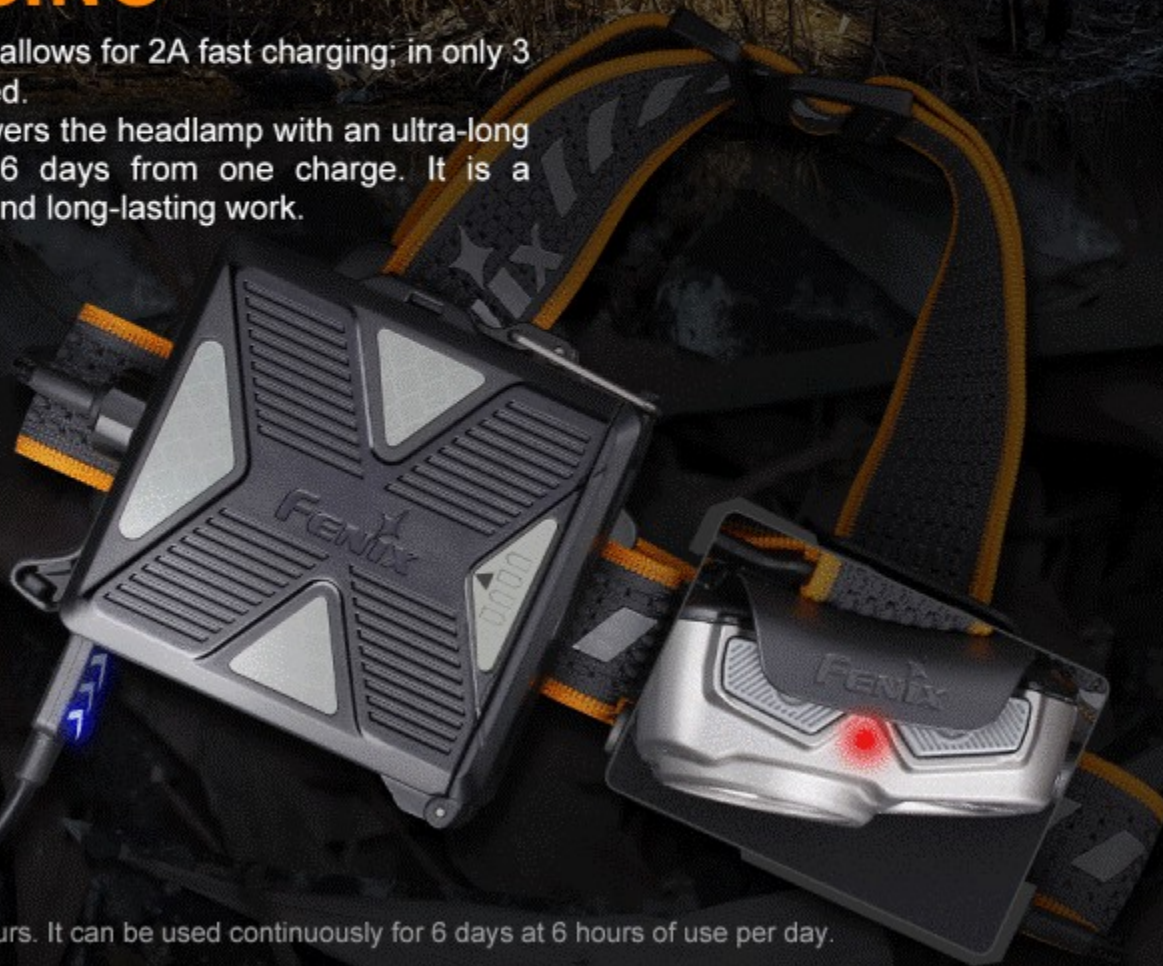
Lamp body: about 75 grams



FAST AND CONVENIENT USB TYPE-C CHARGING

The new USB Type-C charging port allows for 2A fast charging; in only 3 hours the HP16R will be fully charged.

The included 3000 mAh battery powers the headlamp with an ultra-long runtime. The headlamp lasts for 6 days from one charge. It is a must-have for long-distance hiking and long-lasting work.



* Low mode of 50 lumens runs up to 36 hours. It can be used continuously for 6 days at 6 hours of use per day.

ALWAYS BE PREPARED WITH AA BATTERY STANDBY

The headlamp is compatible with 4 AA Ni-MH/alkaline batteries. Get several AA batteries along with you for outdoors in case of emergency.



1 piece of fluorescent paper: positive and negative anodes can be indicated in a dark environment, one-step battery replacement even in the dark.



3 pieces of reflective paper: alert to ensure safety when working outdoors.

DUAL SWITCH ALLOWS SINGLE-HANDED CONTROL

The two independent switches separately control the brightness levels of spotlight, floodlight and red light. The headlamp can be easily operated by a single hand.



- General switch:
Low→Med→High→Turbo
- Functional switch:
Low→Med→High→Red Light→Red Flash





60° TILT MECHANISM DIRECTS THE BEAM WHERE NEEDED

The lighting angle can be adjusted at 60° up and down, meeting the lighting needs of various outdoor activities and multi-angle operations.



DOUBLE PROTECTION IN PLACE TO AVOID ACCIDENTAL ACTIVATION


The electronic lockout function helps keep the light from being accidentally activated.


Additionally, the switches also have a protective cover to physically avoid accidental activation.

01 Physical lockout: protective cover



02 Electronic lockout: switch lockout

 **LOCK:** press and hold either of the two switches or simultaneously press the two switches for 3 seconds

 **Unlock:** simultaneously press the two switches for 3 seconds





IP66 RATED PROTECTION

Fully protected against dust and foreign objects.
Can withstand heavy rain and splashes.

WITHSTANDS BITTER COLD AND EXTREME HEAT

Fitted with high-performance industrial components, the light will operate normally in temperatures from -35°C to 45°C .

* Cold-resistant battery is highly recommended in extremely low-temperature environments.



-35°C









45°C

TECHNICAL PARAMETERS

Headlamp: 2.44" x 1.85" x 1.26" / 62 x 47 x 32 mm

Battery case: 2.87" x 2.72" x 0.98" / 73 x 69 x 25 mm

Weight: 7.62 oz / 216 g (including battery and headband)

ANSI/PLATO FL1	GENERAL MODE				FUNCTIONAL MODE				
	SPOTLIGHT				FLOODLIGHT			RED LIGHT	
	Turbo	High	Med	Low	High	Med	Low	Red	Flash
 Output	1300 lumens	400 lumens	150 lumens	50 lumens	400 lumens	150 lumens	5 lumens	5 lumens	5 lumens
 Runtime	4 hours *	8 hours	12 hours	36 hours	8 hours	12 hours	300 hours	300 hours	600 hours
 Distance	260 meters	149 meters	88 meters	52 meters	48 meters	30 meters	6 meters	6 meters	6 meters
 Intensity	16933 candela	5549 candela	1943 candela	681 candela	583 candela	220 candela	11 candela	8 candela	8 candela
 Impact Resistance	2 meters								
 Water Resistant	IP66								

Note: According to the ANSI/PLATO FL1 standard, the above specifications are from the results produced by Fenix through its laboratory testing using one Fenix ARB-LP3000 Li-polymer battery pack under the temperature of 21±3°C and humidity of 50% - 80%. The true performance of this product may vary according to different working environments and the actual battery used.

*The Turbo output is measured in total of runtime including output at reduced levels due to temperature or protection mechanism in the design.



INCLUDED

Package size: 175x110x51.5 mm



Fenix HP16R headlamp



ARB-LP3000
Li-polymer
battery



USB Type-C
charging cable



4 x Helmet
attachment
hooks



3 x Cable
clips



Spare O-ring



Storage bag



User manual



Warranty card

Fenix has always been committed to the mission of lighting for extremes since the birth of the brand. Concentrating on the development of LED lighting tools of high standard, performance and reliability, Fenix products are now being sold in more than 100 countries around the world, reaching tens of millions of users worldwide. Fenix outdoor series are professional lighting tools specialized for a variety of outdoor environments. Its ingenious design, excellent performance and high reliability in both water and drop tests mean that you won't have to worry when using our lights, as you can trust Fenix to safely light your way through the darkness.

