

HL18R-T

**500 LUMENS
MAXIMUM OUTPUT**

ULTRALIGHT TRAIL RUNNING HEADLAMP



Ultralight
weight



SPORT headband
fit system



Spotlight and
floodlight



20-hour runtime
mode for trail running

LIGHTWEIGHT STRUCTURE WON'T WEIGHT DOWN YOUR HEAD

The HL18R-T only weighs 91 g including battery,
you will hardly notice the weight when trail running.



Three times injection
molding process

Premium Germany's Bayer
PC2805

Integrated battery compartment
Large-capacity Li-Polymer battery pack

91g
HL18R-T
(including battery)



NEW SPORT HEADBAND FIT SYSTEM

The new SPORT fit system* is applied to the headband, which provides convenient and flexible adjustment of the headband with a single hand while being active.



* Design Patent No.: ZL 2018 3 0348541.2
Utility Model Patent No.: ZL 2018 2 0751299.8

***SPORT** is the acronym of "**S**ecure **P**erformance for **O**utdoor **R**unning and **T**rail". Based on the original meaning of the word "sport", it additionally indicates that the headband adjustment system is flexible and reliable while being active.

NEWLY-DESIGNED WIDENED HOLLOW HEADBAND

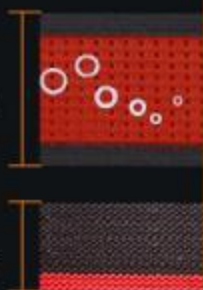
The newly designed hollow headband with the top headband removed, ensuring more breathable and stable fit, and more comfortable use experience.



Hollow design - breathable and comfortable

36mm
HL18R-T headband

26mm
Ordinary headband



Widened design - stable and reliable



Reflective material - eye-catching and secure



60° tilt mechanism directs the beam where needed



COMBINATION OF SPOTLIGHT AND FLOODLIGHT

Fitted with Cree XP-G3 S3 neutral white and Everlight 2835 white LEDs; the spotlight and floodlight are perfectly combined with a max brightness of 500 lumens, HL18R-T is an excellent choice for extended and high-intensity outdoor activities.



Spotlight: 17° spot / 106° spill beam angle

Floodlight



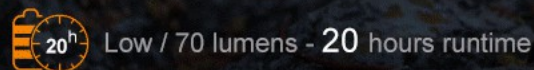
84°



MICRO USB CHARGING TWO OPTIONAL POWER SOURCES

The Micro USB charging port allows for convenient charging; in only 2.5 hours the HL18R-T will be fully charged.

The included 1300 mAh Li-Polymer battery pack powers the headlamp with an ultra-long runtime, and 3 x AAA batteries can be used as well.



Low / 70 lumens - 20 hours runtime

* The 1300 mAh Li-Polymer battery pack is included with your purchase.

* The headlamp can be turned on while charging.

⚠ The AAA battery cannot be charged.



● ● ● ● 100% - 80%





DOUBLE BUTTONS FOR EASY OPERATION


Independent control system with double buttons, free switching between the two modes, easy and convenient operation

-  **ON/OFF:** Press and hold the switch 0.5s
-  **OUTPUT SELECTION:** SINGLE CLICK

ELECTRONIC PROTECTION IN PLACE TO AVOID ACCIDENTAL ACTIVATION

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



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



FIVE BRIGHTNESS OPTIONS FOR A VARIETY OF LIGHTING DEMANDS

The five brightness can be freely selected for high-intensity outdoor activities or daily lighting.



Yu Lei

Fenix Signed Athlete

The founder of the Lei Ultra Trail, the China committee of International Trail Running Association (ITRA), vice-president of Dalian International Mountaineering Congress, the Top 10 Outstanding Youth, the winner of China Golden Rhino Awards, and the Top 10 Marathoner of the Year 2016.

- 01 The first Chinese runner to complete the Tor Des Geants.
- 02 Introducing UTMB points and ITRA registration certification to mainland China.
- 03 Introduced the Western State 100-mile Endurance Run to mainland China.
- 04 Be the first to become the representative of ITRA China and be re-elected until 2023.

REPRESENTATIVE USER EXPERIENCE

See what he says

The headlamp with a wide headband is really light . It makes me feel more comfortable when I run with it than other headlamps, and suitable for short distance and mid-way off-road track.

REPRESENTATIVE USER EXPERIENCE

See what she says

Zheng Junyue

Fenix Signed Athlete

She is a designer who takes nature as her source of inspiration, a dream chaser who sees trail running as a life experience, and a common girl who plays a persistent personality to the extreme.

This headlamp is very light, very comfortable to wear, coupled with its endurance is very good, especially suitable for some trail running events under 70 km. And I particularly like its red and black color matching style. Wearing my favorite headlamp during trail running will make me feel relaxed and enjoyable along the way.

- 01 2019 Challenge-Taiwan -Runner-up
- 02 Columbia 168 Ultra-Trail Challenge Chongli 2019 - Women's Runner-up
- 03 2019 Chengdu Trail 100+- Champion
- 04 Columbia 168 Ultra-Trail Challenge Chongli 2020 - Fourth place
- 05 2020 Chengdu Trail 100+- Champion

REPRESENTATIVE USER EXPERIENCE

See what she says

"I was attracted by its headlamp belt when I got the product. It was really beautiful. It also has a high brightness. 500 lumens is enough for me to see everything on the road at night. There's nothing wrong with running at night. Sometimes I go for short races. I think I'll take it next time."

Irene-Trail runner



IP66 RATED PROTECTION

Fully protected against dust and foreign objects.
Heavy rain and a strong water splash won't do any damage.



FENIX
LIGHTING FOR EXTREMES

QUALITY MATERIAL, TOUGH AND RELIABLE

The lightweight body is rugged and reliable, and works well even when subjected to extreme conditions. It can withstand a drop test of 1.5 meters on 6 sides.

* The 1.5 meters drop test results were produced by Fenix through its laboratory testing.



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.





TECHNICAL PARAMETERS

Size: 2.70" x 1.85" x 1.55" / 68.5 x 45 x 39.5 mm. Weight: 3.21 oz / 91 g (including battery).

ANSI/PLATO FL1		SPOTLIGHT			FLOODLIGHT	
		HIGH	MED	LOW	LOW	SOS
	OUTPUT	500 lumens	200 lumens	70 lumens	30 lumens	4 lumens
	LI-POLYMER	3 hours *	8 hours	20 hours	30 hours	300 hours
RUNTIME	PAIRDEER AAA	4 hours *	11 hours	20 hours	43 hours	300 hours
	DISTANCE	82 meters	54 meters	35 meters	12 meters	5 meters
	INTENSITY	1700 candela	749 candela	310 candela	38 candela	8 candela
	IMPACT RESISTANCE	1 meter				
	WATERPROOF	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 1300mAh Li-polymer battery pack and three PAIRDEER AAA batteries 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 High output is measured in total of runtime including output at reduced levels due to temperature or protection mechanism in the design.

HL18R-T vs HL18R

Model	HL18R-T	HL18R
Appearance		
Led	Cree XP-G3 S3 neutral white and Everlight 2835 white LED's	Cree XP-G3 S3 warm white and Everlight 2835 white LED's
Output Levels	5	7
Max Distance	82 meters	76 meters
Max Brightness	500 lumens	400 lumens
Battery	A 1300 mAh Li-Polymer battery pack / 3*AAA batteries	A 1300 mAh Li-Polymer battery pack / 3*AAA batteries
Headband Width	36mm	26mm
Headband Adjustment	SPORT Headband Fit System	Tri-glide Slides
Weight	91 g (including battery)	80 g (including battery)
Size	68.5 x 45 x 39.5 mm	57.7 x 42 x 37 mm
IP Rating	IP66	IP66



INCLUDED



Fenix HL18R-T headlamp



ARB-LP1300
Li-polymer
battery pack



Micro USB
charging cable



User manual



Warranty card

Package size: 107 x 102 x 43 mm

* The data is from the results produced by Fenix through its laboratory testing. Actual results may vary slightly according to the measurement method in the industry.

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.

