

HM65R-T

1500 LUMENS MAXIMUM OUTPUT

THE DARKNESS TERMINATOR

LIGHTWEIGHT MAGNESIUM TRAIL RUNNING HEADLAMP



Ultra-light
weight



SPORT headband
fit system



Spotlight and
floodlight



24-hour runtime
mode for trail running

LIGHTWEIGHT MAGNESIUM MATERIAL WON'T WEIGHT DOWN YOUR HEAD

The HM65R-T only weighs 91 g excluding battery, the magnesium alloy is 30% lighter than aluminum alloy at the same volume, you will hardly notice the weight when trail running.



Net weight of HM65R-T: **91g**
*With the headband



Apple magic mouse: **99 g**

* Comparison of magnesium alloy and aluminum alloy at the same volume

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.



*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.

01 Hollow design - breathable and comfortable



02 Widened design - stable and reliable

Headband of HM65R-T
36mm

Normal headband
26mm



COMBINATION OF SPOTLIGHT AND FLOODLIGHT

The spotlight and floodlight can be simultaneously selected with a max brightness of 1500 lumens, and is an excellent choice for extended and high-intensity outdoor activities.

 **Spotlight**
complex road
conditions are
clearly visible.

75°

15°

 **Floodlight**
ensures close-up
illumination with
broad vision.

95°





LONGER RUNTIMES FOR VERSATILE TRAIL RUNNING

The included 3500mAh cold-resistant battery powers the headlamp with an ultra-long runtime. You can run a variety of long-distance races without changing the battery.



☀ Low / 130 lumens
24 hours runtime

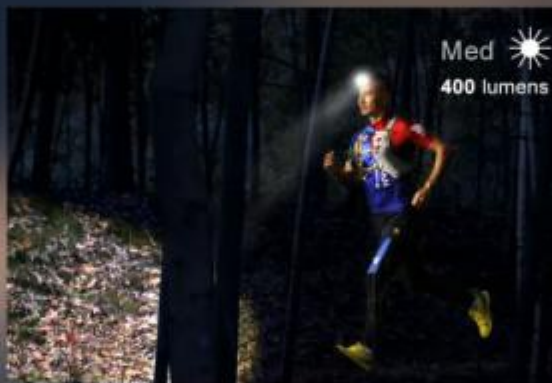
☀ Med / 400 lumens
12 hours runtime

☀ High / 1300 lumens
4 hours runtime

* The 3500mAh cold-resistant battery is included with your purchase. Fenix ARB-L18 series is recommended.

VARIOUS BRIGHTNESS OPTIONS FOR A VARIETY OF LIGHTING DEMANDS

The two independent switches separately control three brightness levels of spotlight and floodlight. The six brightness can be freely selected for high-intensity outdoor activities or daily lighting.




DOUBLE PROTECTIONS IN PLACE TO AVOID ACCIDENTAL ACTIVATION


The lockout function helps keep the light from being accidentally activated. Additionally, the switch also has 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

FAST AND CONVENIENT USB TYPE-C CHARGING ACCURATE AND RELIABLE BATTERY STATUS

The new USB Type-C charging port allows for fast charging; in only 3 hours the HM65R-T will be fully charged. Single click either switch, the remaining battery level can be easily and precisely obtained via the read-out indicator.

Battery level Indication

■ ■ ■ ■ ■	100%-80%
■ ■ ■ ■ ■	80%-60%
■ ■ ■ ■ ■	60%-40%
■ ■ ■ ■ ■	40%-20%
■ ■ ■ ■ ■	20%-0

* The headlamp can be turned on while charging.



USER-FRIENDLY DETAILS DESIGNS

Several favorable details ensure comfortable and safe wear

01 The arc design of the headband perfectly fits the head for comfortable to wear;

02 Reflective headband provides peace of mind in night running;

03 60° tilt mechanism directs the beam where needed.





IP68. RATED PROTECTION

- Able to work in extreme environments;
- Fully protected against dust and foreign objects;
- Submersible to 2 meters for 30 minutes.



* According to the ANSI/PLATO FL1 standard, the above specifications are from the results produced by Fenix through its laboratory testing.



2 METERS IMPACT RESISTANCE

The lightweight body is rugged and reliable, even when subjected to extreme conditions. It can withstand a drop test of 2 meters on 6 sides.



* The 2 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.



-35°C



45°C

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

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 HM65R-T headlamp has excellent runtime and brightness. You can clearly see the road conditions when running. It is very suitable for long-distance trail running of 100 kilometers and more.

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.

- 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 really like the combination of the black headlamp and red headband. The HM65R-T headlamp is very comfortable to wear with the top headband removed. The runtime is also very good, which is very suitable for ultra-long distance races. I especially like the SPORT Headband Fit System. It couldn't be more perfect to adjust the headband with a single hand while running.

TECHNICAL PARAMETERS

Size: 3.15" x 1.85" x 1.54" / 80 x 47 x 39 mm.

Weight: 3.21 oz / 91 g (excluding battery).

ANSI/PLATO FL1	SPOTLIGHT			FLOODLIGHT		
	High	Med	Low	High	Med	Low
🔦 OUTPUT	1300 lumens	400 lumens	130 lumens	400 lumens	70 lumens	5 lumens
🕒 RUNTIME	4 hours*	12 hours	24 hours	12 hours	36 hours	300 hours
📏 DISTANCE	170 meters	96 meters	55 meters	54 meters	23 meters	6 meters
☀ INTENSITY	7261 candela	2304 candela	762 candela	737 candela	133 candela	10 candela
✓ IMPACT RESISTANCE	2 meters					
🌊 SUBMERSIBLE	IP68					

Note: According to the ANSI/PLATO FL1 standard, the above specifications are from the results produced by Fenix through its laboratory testing using the included Fenix ARB-L18-3500 battery 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.

HM65R-T VS HM65R

MODEL	HM65R-T	HM65R
Appearance		
LED	Luminus SST40 white and Cree XP-G2 S3 neutral white LED's	Cree neutral white, white LED's
Output Levels	6	7
Max Distance	170 meters	163 meters
Max Brightness	1500 lumens	1400 lumens
Battery	A 18650 rechargeable Li-ion battery	A 18650 rechargeable Li-ion battery
Headband Adjustment	SPORT Headband Fit System	Tri-glide Slides
Weight	91 g	97 g
Size	80x47x39 mm	80.5x55x40 mm
IP Rating	IP68	IP68



INCLUDED



Fenix HM65R-T
Headlamp



ARB-L18-3500
rechargeable
Li-ion battery



USB Type-C
charging cable



Spare O-ring



User manual



Warranty card

Package size: 123 x 113 x 47.5 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.

