

HIGH POWER MADE FOR MAINTENANCE AND REPAIR

HP25R v2.0 1600 lumens maximum output

Rechargeable Work Headlamp With Ultra-long Runtime



Three light
sources



Separate
structure design



Reflective
headband



USB Type-C
charging

ILLUMINATE INTO EVERY DARK CORNER

The HP25R V2.0 boasts a high output of 1600 lumens* . For field operation, repair and maintenance work, this headlamp can easily illuminate every corner for you.





1600

lumens output



290

meters beam

*  1600 lumens of spotlight mode  400 lumens of floodlight mode

THREE LIGHT SOURCES FOR CHALLENGING ENVIRONMENTS

The brightness levels range from 5 to 1600 lumens of spotlight, floodlight and red light. The ten levels can be easily selected for high-intensity indoor or outdoor work, and the red light can be simultaneously selected as an alerting signal.

Spotlight (50 to 1600 lumens)
long-distance and large-area work lighting



Floodlight (5 to 400 lumens)
up-close and detailed work lighting



Red light (5 lumens)
soft night vision, emergency signaling





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 with one hand.

- General switch: Eco→Low→Med→High→Turbo.
- Functional switch: Low→Med→High→Red Light→SOS.



SEPARATE DESIGN PROVIDES COMFORTABLE AND SOLID WEAR

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

* 3 cable clips are included for tidying battery case cable



PERFORATED AND REFLECTIVE HEADBAND

The perforated headband allows for better breathability, the reflective stripes provide peace of mind in night working.



* The battery case features reflective design to ensure safety when working outdoors.

FAST AND CONVENIENT USB TYPE-C CHARGING



The new USB Type-C charging port allows for 5V/2A fast charging; in only 4 hours the HP25R V2.0 will be fully charged.



The included 5000mAh 21700 battery provides the headlamp with an ultra-long runtime, running for up to 400 hours on a single charge. It is the must-have for long-distance hiking and extended work.



ALUMINUM ALLOY - TOUGH AND RELIABLE

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

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



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 PROTECTIONS 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.

1 Physical lockout: protective cover



2 Electronic lockout: switch lockout

 **Lock:** press either switch or simultaneously press two switches for 3 seconds

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





FENIX
LIGHTING FOR EXTREMES

IP66 RATED PROTECTION

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

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

WITHSTANDS BITTER COLD AND EXTREME HEAT

Fitted with high-performance industrial components, the light could operate (certain function fails due to different batteries) normally in temperatures from -35°C to 45°C .



-35°C







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



45°C

TECHNICAL PARAMETERS

Headlamp: 2.36" x 1.85" x 1.30" / 60 x 47 x 33 mm
 Battery case: 3.90" x 1.61" x 1.56" / 99 x 41 x 39.5 mm
 Weight: 8.40 oz / 238 g (including battery and headband)

ANSI/PLATO FL1	GENERAL MODE					FUNCTIONAL MODE				
	SPOTLIGHT					FLOODLIGHT			RED LIGHT	
	Turbo	High	Med	Low	Eco	High	Med	Low	Red	SOS
 OUTPUT	1600 lumens	1000 lumens	400 lumens	150 lumens	50 lumens	400 lumens	150 lumens	5 lumens	5 lumens	5 lumens
 RUNTIME	2 hours*	4 hours	8 hours	24 hours	56 hours	8 hours	24 hours	400 hours	400 hours	800 hours
 DISTANCE	290 meters	228 meters	140 meters	83 meters	59 meters	50 meters	30 meters	8 meters	6 meters	6 meters
 INTENSITY	20849 candela	13028 candela	4888 candela	1732 candela	879 candela	605 candela	220 candela	16 candela	11 candela	11 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-L21-5000 Li-ion 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 a total of runtime including output at reduced levels due to temperature or protection mechanism in the design.

HP25R VS HP25R v2.0

Model	HP25R v2.0	HP25R
Appearance		
Spotlight LED	Luminus SST40 LED	Cree XM-L2 U2 LED
Floodlight LED	Cree XP-G3 S4 LED	Cree XP-G2 R5 LED
Output levels	Spotlight: 5, Floodlight: 3, Red light: 2	Spotlight: 4, Floodlight: 4, Red light: 2
SOS	Yes	Yes
Max brightness	1600 lumens	1000 lumens
Max distance	290 meters	187 meters
Max runtime	400 hours	150 hours
Battery	21700	18650
Charging port	USB Type-C	Micro-USB
IP ratings	IP66	IP66
Impact resistance	2 meters	1 meter
Weight	238 g	230 g
Lamp size	60 x 47 x 33 mm	60 x 54 x 32.5 mm
Battery case size	99 x 41 x 39.5 mm	82.5 x 50 x 35 mm

INCLUDED

Package size: 7.76" x 3.94" x 2.56" / 197 x 100 x 65 mm



Fenix HP25R V2.0 Headlamp



Fenix
ARB-L21-5000
Li-ion battery



USB Type-C
charging cable



4 x Helmet
attachment
hooks



3 x Cable clips



Spare O-ring



User manual



Warranty card



Fenix industrial lighting products are mobile lighting tools that specially designed for industrial applications. Simple operation plus reliable performance have kinds of tasks handled quickly and efficiently. Fenix has been striving to find breakthroughs in its products, and the Fenix industrial products are now widely used and recognized by not only ordinary workers, but also professional institutes such as petroleum companies and fire departments.

