LEDLENSER

PRODUCT DATA SHEET

H5R Pro



H5R Pro

PRODUCT DESCRIPTION

If you need a robust, no-nonsense headlamp for work, the H5R Pro is the right choice: It provides reliable illumination and reveals the details that matter—an unevenly painted corner, a forgotten screw when you are about to finish your maintenance job or even an outdated yet quirky electrical installation. The Advanced Focus System offers the ideal light for any range and task—simply use the focus ring for stepless focusing and the encoder for dimming. In spot mode, the beam range of your H5R Pro is up to 275 m. The powerful battery also operates while charging, so you never run out of light on your shift—and is located at the back of your head for a balanced weight distribution. You can easily attach the H5R Pro to your helmet using one of the included mounting options. There is no need to worry if things get rough; rubber bumpers protect the lamp head, while the rubberized control elements can be used with gloves. When not in use, you can safely store and transport your headlamp in the enclosed pouch. And: Our lights are made for a brighter future—therefore, your H5R Pro contains recycled materials[13].

7 YEAR WARRANTY*

- Stepless dimming and focusing (Advanced Focus System) and beam range of up to 275 m (spot)
- Powerful battery: Charges via USB-C and operates while charging
- Attaches to helmet via included helmet mount, Ledlenser Connect adapter, adhesive pads, helmet fixing clips and rubberized headband
- Robust: Element-proof (IP67), rubber bumpers to protect the lamp head and rubberized control elements for glove-friendly use
- Sustainable: Use of recycled materials[13] and 7-year warranty*

TECHNICAL DATA	
Weight incl. batteries [g]	192
Material	PC, Aluminum alloy
Headband color	Black/Yellow
Headband material	Elastic textile
Headband type	Side
Head movement type	Stepless Movement
Head movement angle [°]	160
Headband specifications	Detachable, Elastic, Washable, Rubberised Back

POWER SUPPLY	
Battery quantity	1
Rechargeable	Yes
Battery type	Lithium-ion
Total battery voltage [V]	3.6
Total battery capacity [mAh]	3000
Total battery energy [Wh]	10.8 Wh
Battery replaceable	Yes
Charging time [min]	300
Useable batteries	18650 USB-C 3.6V|2600mAh (2025), 18650 3.6V|3000mAh, 18650 USB direct charging Battery
Energy status indicator	Battery Indicator, Charge Indicator, Low Battery Warning

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H5R Pro

FURTHER SPECIFICATIONS	
IP class	IP67
Drop test (drop height) [m]	1.5
Working temperature range [°C]	-20 to +40

LIGHT FUNCTIONS
Cool White Main: Boost, Power, Mid power, Low power

LIGHT SOURCE	MAIN
Amount LEDs	1
Color	Cool White
Color temperature [K]	6000 to 7500
Color rendering index (CRI)	70

LIGHT VALUES - Cool White Main	Boost	Power	Mid power	Low power
Light output [lm]	750	500	300	10
Beam distance [m]	275	230	180	40
Run time [h]	-	4.75	8	80

SWITCH
Side Multifunctional switch

FEATURES AND TECHNOLOGIES
Backup Mode, Flicker Free, Stepless Dimming, Transportation Lock, Memory Function, USB-C Charging, Advanced Focus System, Cooling Technology, Flex Sealing Technology, Temperature Control System

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H5R Pro

PACKAGING AND LOGISTICS

PACKAGING INFORMATION	
Type of packaging	Box
Scope of delivery	Charging cable (USB-C), Pouch H-series 2026, LL-Connect baseplate - 3M Tape, Fixing clips , 1 set of rechargeable batteries (18650)
Item No.	503351
Color	Black/Yellow
MSRP price (€)	99,90
Customs tariff number	CTN_85131000

SINGLE PACKAGE	
Dimensions W x H x D [cm]	14.5 x 12 x 8.5
Gross weight [g]	372
GTIN-13	4058205043496

EXPORT CARTON	
Unit	12
Dimensions W x H x D [cm]	32 x 30 x 27
Gross weight [g]	5004
GTIN-13	4058205043489

H5R Pro

ACCESSORIES

PRODUCT CATEGORY	ITEM NO.	PRODUCT NAME	PRICE
	502307	Color Filter Set 32mm	18.90 €
Mounts & Brackets	502247	Tripod Adapter Type D	9.90 €
Mounts & Brackets	502313	Helmet Band Fixing Clip Type A	4.90 €
Mounts & Brackets	502314	Helmet Connecting Kit Type H	14.90 €
Mounts & Brackets	502256	Universal Mounting Bracket Type E	12.90 €
	502451	Transparent Silicone Headband Type A	9.90 €
Mounts & Brackets	502246	Adapter for GoPro Type D	7.90 €

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PRODUCT SERIES

Reveal the world: With a Ledlenser H headlamp, what was once hidden comes into view. At work, details emerge that demand your attention, beauty appears where shadows once concealed it, and the adventure ahead becomes unmistakably clear. Because at Ledlenser, light is more than illumination, it's revelation.

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FOOTNOTES

The information pertaining to scope of delivery, appearance, performance, dimensions and weight corresponds to the information available at the time of publication. In the interest of product development, we reserve the right to change scope of delivery, appearance, design and color without prior notice. Product images may vary from the actual products and may show optional accessories which can be purchased separately. Errors and omissions excepted.

1) Measured values according to ANSI/PLATO FL 1 in the respective setting named. If no setting is specifically named, the luminous flux (lumens/lm) and range (meters/m) values refer to the brightest setting and the burn time (hours/h) values refer to the lowest setting. A boost function (if available) can be used several times, but is only available for a short time at a time. In case the lamp is equipped with colored LED(s), the measured values are given with white light or the white LED. If the lamp has different energy modes, the "energy saving mode" is the basis for the measurement.

2) Calculated value of the capacity in watt-hours (Wh). This applies to the battery(ies) contained in the delivery condition of the respective item or, in the case of lamps with rechargeable battery, to the battery(ies) contained herein in a fully charged condition.

3) EP patent 1880139; US patent 7,461,960.

*) 7 year warranty only if registered, otherwise 2 years. Warranty conditions viewable at https://ledlenser.com/en/infos-service/warranty/