LEDLENSER

PRODUCT DATA SHEET
HF8R Signature





HF8R Signature

PRODUCT DESCRIPTION

Extremely innovative and luminous: Our Ledlenser HF8R Signature is the ultimate high-end model. Thanks to an efficient cooling system, the HF8R Signature is extremely powerful and offers perfect light at any time. Our patent-pending Adaptive Light Beam Technology allows automatic dimming and focusing. Thus, the HF8R is our first headlamp which can be used hands-free and requires no manual control at all. Moreover, it comes with red, blue and green front light and allows virtually seamless focusing thanks to our patent-pending Digital Advanced Focus System. You can remotely control and personalize the HF8R Signature via Ledlenser Connect App. Other features include the aluminum housing as well as the reflective headband.

- Dims and focuses automatically thanks to our patent-pending Adaptive Light Beam technology; hands-free use
- Powerful headlamp with up to 2000 lumens as well as red, green and blue front light
- Remote control and personalization via Ledlenser Connect App
- Virtually seamless focusing with our patent-pending Digital Advanced Focus System; intuitive-to-use Focus Wheel
- Suitable for continuous immersion in water (IP68)

TECHNICAL DATA

Weight incl. batteries [g]	194
Focus function	Yes (digital)
Head material	Aluminum alloy + PC
Tube material	Aluminum alloy + PC
Optic	Plastic lense (PMMA)
Headband material	Elastic fabric
Headband type	Side overhead headband
Head movement type	Stepless movement
Head movement angle [°]	45
Headband specifications	Detachable, Elastic, Washable, reflecting

POWER SUPPLY

Power source type	Rechargeable battery
Battery quantity	1
Battery type	Li-ion
Battery replaceable	No
Total battery voltage [V]	3.7
Total battery capacity [mAh]	3700
Total battery energy[2] [Wh]	13.69
Rechargeable	Yes
Charging time[5] [min]	270
Energy status indicator	Battery Indicator, Charge Indicator, Low Battery Warning

FURTHER SPECIFICATIONS

IP class	IP68
Drop test (drop height) [m]	2
Working temperature range [°C]	-20 to +40

LIGHT FUNCTIONS

Blink, Boost, Power, Mid Power, Low Power, S.O.S., Strobe

LIGHT SOURCE

Amount LEDs	4
LED type	Xtreme LED
Color	White
Color temperature [K]	5200 to 6200
Color rendering index (CRI)	70

LIGHT VALUES

	Boost	Power	Mid Power	Low Power
Light output[1] [lm]	2000	900	300	20
Beam distance[1] [m]	220	200	100	25
Run time[1] [h]		3.5	10	90

SWITCH

Front Switch, Rotary Switch

FEATURES

Bluetooth®[6], Dimmable , Red Light, Green Light, Blue Light, Transportation lock , Memory Function, Backup Mode

TECHNOLOGIES

Temperature Control System, Magnetic Charge System, Adaptive Light Beam, Digital Advanced Focus System, Cooling Technology, Emergency Light

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PACKAGING AND LOGISTICS



PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	Comfort Pad, Connect adapter, Magnetic charging cable (USB-C), Universal mounting bracket
Item No.	502803
Customs tariff number	85131000000
Color	black
MSRP price (€)	159.00

SINGLE PACKAGE

Dimensions W x H x D [cm]	14.5 x 12 x 8.5
Gross weight [g]	427
GTIN-13	4058205031981

EXPORT CARTON

Unit	12
Dimensions W x D x H [cm]	39.5 x 37.5 x 19.5
Gross weight [kg]	5.83
GTIN-13	4058205031974

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ACCESORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME
Fastenings / Brackets	503004	Wall Mount Type E
Fastenings / Brackets	502256	Universal Mounting Bracket Type E
Fastenings / Brackets	502314	Helmet Connecting Kit Type H
Fastenings / Brackets	502254	Helmet Mount for Euroslot Type A
Pouches / Holster	0332	Pouch Type H
Charger / Cable	502265	Magnetic Charging Cable Type A
Charger / Cable	502929	USB-C Adapter 20W

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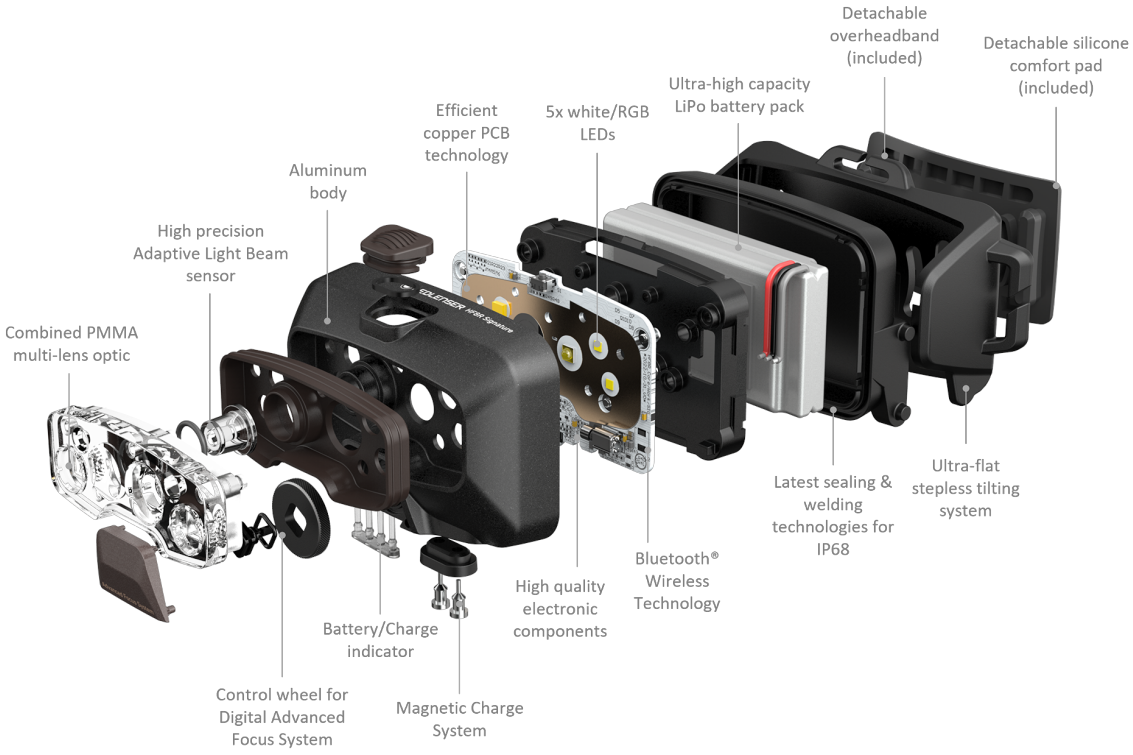
PRODUCT SERIES

Outdoor enthusiasts will love our HF-series Signature models. The premium headlamps combine innovative technologies with high luminosity. Apart from white light, they offer red, green and blue light as well as an extensive scope of supply and headbands with reflective elements for safety. These features make them the best option for athletes, hunters and fishers – and allow them to keep their hands free.



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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) Measurement values according to ANSI FL1 in the respective setting. If no setting is explicitly indicated, the values refer to luminous flux (lumens/lm) and lighting range (meters/m) on the highest setting, and to battery duration (hours/hrs/h) on the lowest setting. A boost function (if available) can be used several times, but only for short periods of time. If the light is equipped with (a) colored LED(s), the measurement values are given for the white light or the white LED. If the light has different energy modes, the measurement is made based on the “energy saving mode”.

2) Calculated capacity value in watt-hours (Wh). This applies to the delivery state of the battery/ies inside the respective item, or for lights with rechargeable battery/ies, to the rechargeable battery/ies inside the product when fully charged.

5) Charging time varies by hardware used.

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