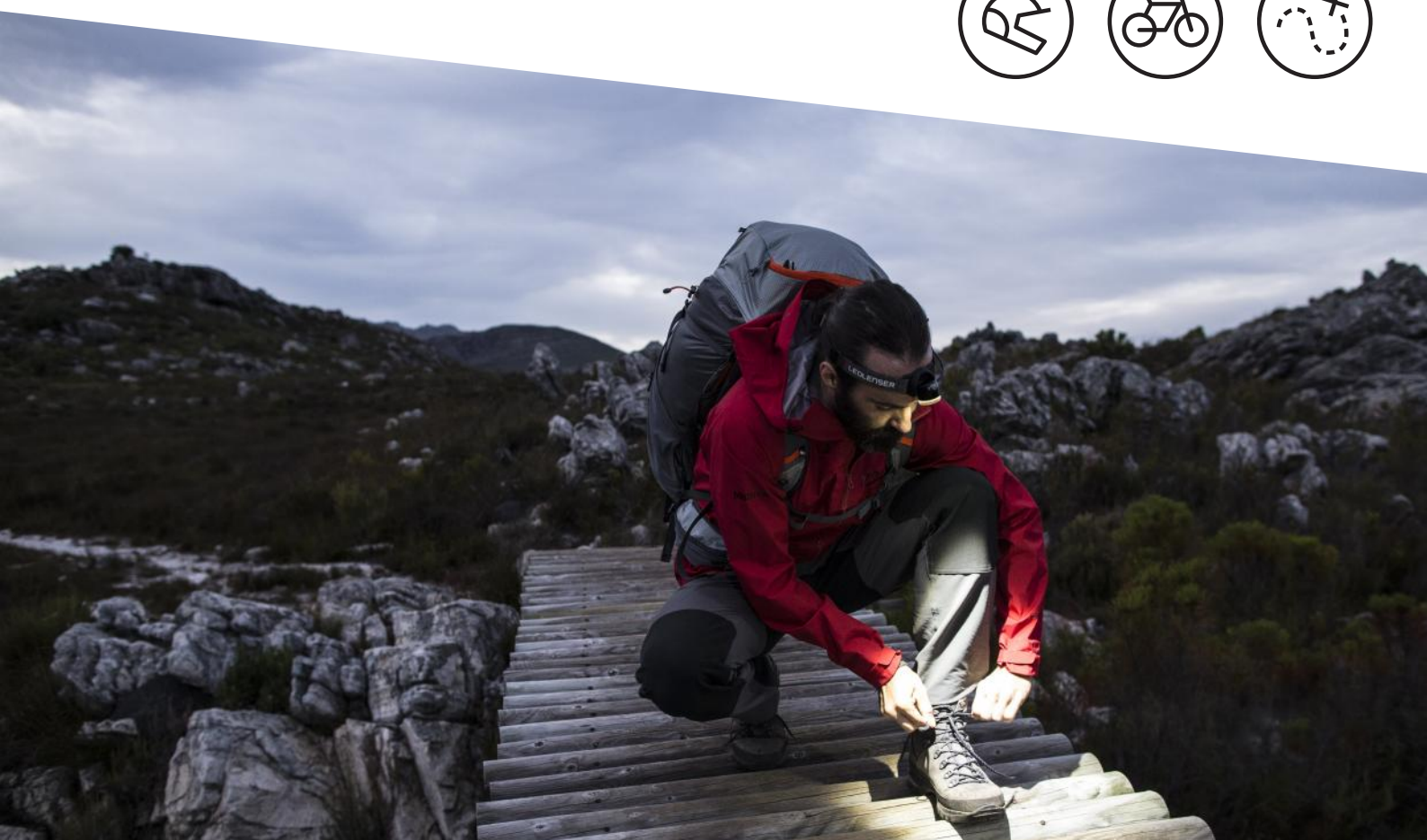# LEDLENSER

— PRODUCT DATA SHEET
H7R Signature

H7R Signature

PRODUCT DESCRIPTION

The H7R Signature is a versatile and powerful headlamp, delivering smart light for a variety of demanding activities. It can easily be controlled and personalized on your smartphone via Bluetooth with the Ledlenser Connect App. The H7R Signature has continuous dimmability and focusability. This headlamp can be easily powered back up thanks to its quick magnetic charging and offers extreme protection from dust and water (IP67). It's the perfect adventure partner.

- Powerful premium headlamp with up to 1200 lumens and our patented[3] Advanced Focus System
- Bluetooth connection to the smartphone for custom light functions and settings via Ledlenser Connect App
- Intuitive operation and stepless dimming with the Wheel Switch
- Flex Sealing Technology provides superior protection against dust and water (IP67)
- 130 degrees of lamp head rotation

TECHNICAL DATA

Head diameter [mm]	41
Weight incl. batteries [g]	259
Weight without batteries [g]	188
Focus function	Yes
Head material	PC
Tube material	Aluminum alloy
Optic	Plastic lense (PMMA)
Headband material	Elastic fabric
Headband type	Side overhead headband
Head movement type	Stepless movement
Head movement angle [°]	130
Headband specifications	Detachable, Elastic, Washable, reflecting

POWER SUPPLY

Power source type	Rechargeable battery
Battery quantity	1
Battery type	Li-ion
Battery replaceable	Yes
Total battery voltage [V]	3.7
Total battery capacity [mAh]	4800
Total battery energy[2] [Wh]	17.76
Rechargeable	Yes
Charging time[5] [min]	210
Energy modes	Constant Light
Energy status indicator	Battery Indicator, Charge Indicator, Low Battery Warning

FURTHER SPECIFICATIONS

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

LIGHT FUNCTIONS

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

LIGHT SOURCE

Amount LEDs	1
LED type	Xtreme LED
Color	White
Color temperature [K]	6000 to 7500
Color rendering index (CRI)	80

LIGHT VALUES

ANSI – Constant Light	Boost	Power	Mid Power	Low Power
Light output[1] [lm]	1200	700		15
Beam distance[1] [m]	260	220		25
Run time[1] [h]		3.5		65

SWITCH

Multifunctional Switch

FEATURES

Bluetooth®[6], Dimmable , Transportation lock , Flicker Free, Memory Function, Back-Up Light

TECHNOLOGIES

Advanced Focus System[3], Magnetic Charge System, Temperature Control System, Flex Sealing Technology, Cooling Technology, Emergency Light

LEDLENSER

H7R Signature

PACKAGING AND LOGISTICS

Exemplary Packaging Illustration

PACKAGING INFORMATION

Type of packaging	Soft Case
Scope of delivery	1 set of rechargeable batteries, Extension cable, Fixing clips, GoPro accessories adapter, Helmet connecting kit, Hook-and-loop straps, MTB light bracket, Magnetic charging cable, Tripod connector, USB power adapter
Item No.	502197
Customs tariff number	8513100000
Color	black

SINGLE PACKAGE

Dimensions W x H x D [cm]	25.7 x 18.3 x 11.8
Gross weight [g]	817
GTIN-13	4058205021081

EXPORT CARTON

Unit	6
Dimensions W x D x H [cm]	39.5 x 31 x 40
Gross weight [kg]	6.322
GTIN-13	4058205021104

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H7R Signature

PRODUCT SERIES

The Ledlenser H-series offers best-in-class headlamps with reliable lighting that can be used in many applications. The H-series lamps are indispensable for a broad range of users in private and professional environments. The high product quality, the intuitive operation, the ergonomic design and last but not least the unmatched light pattern have led this series to great success. With every product in the H-series being completely redesigned with forward-thinking new technologies and features, Ledlenser has extensively raised the bar with this collection of lights. The new H-series is also the first Ledlenser range of flashlights designed for all user fields. The products of the Core, Work, and Signature range have different designs and features and are therefore tailor-made for different target groups.

The Signature headlamps form the premium line of our H-series. They build on the extensive basic features of the Core models and provide the perfect lighting for demanding outdoor enthusiasts. Thanks to Bluetooth 5.0, the lamps can be controlled and configured with the Ledlenser Connect App in addition to the classic manual operation. A particularly natural color rendering and an extensive accessory range make the Signature headlamps the ultimate partners for ambitious adventures.

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.

3) EP Patent 1880139, US Patent 7,461,960

5) Charging time varies by hardware used.

6) The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Ledlenser GmbH & Co. KG is under license.

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