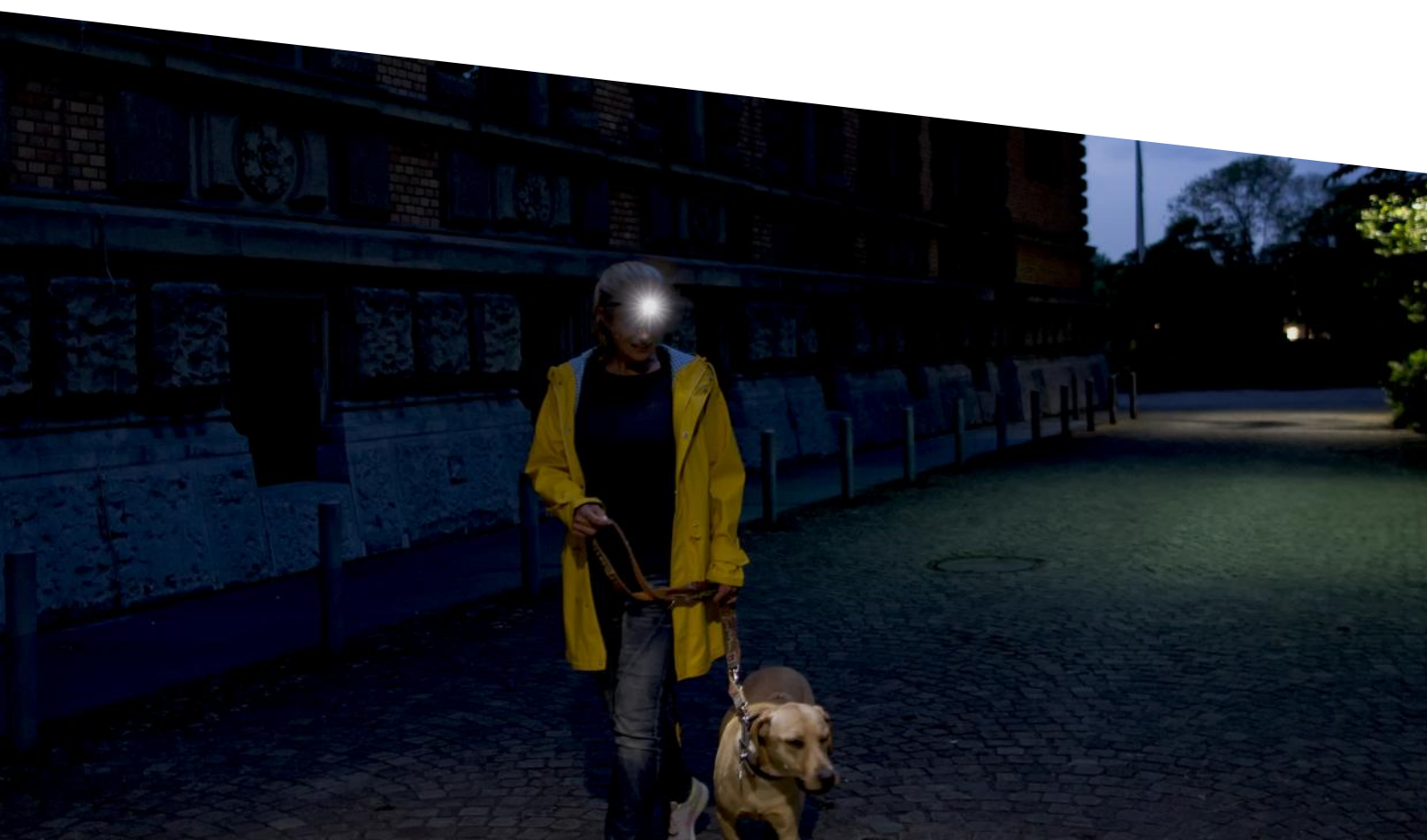# LEDLENSER

— PRODUCT DATA SHEET
H5R Core

H5R Core

PRODUCT DESCRIPTION

The H5R Core is a compact, yet powerful headlamp that is a convenient portable lighting solution which defies almost any weather condition. This headlamp is practical and versatile, thanks to the Ledlenser patented[3] Advanced Focus System, continuous dimmability and 160-degree lamp head rotation. The H5R Core can be charged easily with magnetic charging and features a battery status indicator, so you know when to power back up.

- Patented[3] Advanced Focus System for efficient, precise flood and spot lighting
- Intuitive operation and stepless dimming with the Wheel Switch
- 160 degrees of lamp head rotation
- Flex Sealing Technology provides superior protection against dust and water (IP67)
- Convenient charging of the battery with the robust Magnetic Charge System

TECHNICAL DATA

Head diameter [mm]	32
Weight incl. batteries [g]	167
Weight without batteries [g]	133
Focus function	Yes
Head material	PC
Tube material	Aluminum alloy
Optic	Plastic lense (PMMA)
Headband material	Elastic fabric
Headband type	Side headband
Head movement type	Stepless movement
Head movement angle [°]	160
Headband specifications	Detachable, Elastic, Washable

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]	1800
Total battery energy[2] [Wh]	6.66
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

LIGHT SOURCE

Amount LEDs	1
LED type	High Power LED
Color	White
Color temperature [K]	6000 to 7500
Color rendering index (CRI)	70

LIGHT VALUES

ANSI – Constant Light	Boost	Power	Mid Power	Low Power
Light output[1] [lm]	500	300		15
Beam distance[1] [m]	200	150		30
Run time[1] [h]		2		50

SWITCH

Multifunctional Switch

FEATURES

Dimmable , Transportation lock , Flicker Free, Memory Function, Backup Mode

TECHNOLOGIES

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

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H5R Core

PACKAGING AND LOGISTICS

PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	1 set of rechargeable batteries, Magnetic charging cable
Item No.	502121
Customs tariff number	85131000000
Color	black
MSRP price (€)	74.90

SINGLE PACKAGE

Dimensions W x H x D [cm]	14.5 x 12 x 8.5
Gross weight [g]	315
GTIN-13	4058205020879

EXPORT CARTON

Unit	12
Dimensions W x D x H [cm]	39.5 x 37.5 x 19.5
Gross weight [kg]	4.55
GTIN-13	4058205020893

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H5R Core

ACCESORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME	MSRP
Color filter / Signal caps	502307	Color Filter Set 32mm	18.90 €
Fastenings / Brackets	502247	Tripod Adapter Type D	9.90 €
Fastenings / Brackets	502313	Helmet Band Fixing Clip Type A	4.90 €
Fastenings / Brackets	502314	Helmet Connecting Kit Type H	14.90 €
Fastenings / Brackets	502256	Universal Mounting Bracket Type E	12.90 €
Charger / Cable	502265	Magnetic Charging Cable Type A	6.90 €
Fastenings / Brackets	502451	Transparent Silicone Headband Type A	9.90 €
Charger / Cable	502271	USB Adapter 2.4A	14.90 €
Fastenings / Brackets	502469	Headband+Overheadband Core	9.90 €
Fastenings / Brackets	502470	Headband+Overheadband Work	9.90 €
Fastenings / Brackets	502471	Headband+Overheadband Signature	12.90 €
Pouches / Holster	0332	Pouch Type H	12.90 €

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H5R Core

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 Core headlamps are the foundation of the H-series. They can be operated intuitively and offer stepless dimming via the Wheel Switch on the lamp head (except H19R Core). In addition, the headlamps provide an improved constant luminous flux so that the selected brightness can be maintained over a long period of time. Thanks to the Flex Sealing Technology, all models achieve extreme dust and water protection (at least IP67). These and many other features as well as the extensive range of accessories that can be used universally with the Ledlenser Connecting System, make the Core headlamps of the H-series ideal all-rounders for a variety of uses and activities.

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.

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