



— PRODUCT DATA SHEET

H7R Core



H7R Core

PRODUCT DESCRIPTION

The H7R Core is a versatile specialist among headlamps – powerful, durable and continuously dimmable. The Ledlenser patented³ Advanced Focus System allows you to easily transition light from a broad flood beam to a sharply focused longdistance beam. The 130-degree rotating lamp head, quick magnetic charging and extreme dust and water protections make the H7R Core a reliable multi-purpose portable light.



- Compact, powerful and versatile headlamp with our patented³ Advanced Focus System
- Convenient charging of the battery with the robust Magnetic Charge System
- Intuitive operation and stepless dimming with the Wheel Switch
- 130 degrees of lamp head rotation
- Flex Sealing Technology provides superior protection against dust and water (IP67)

TECHNICAL DATA	
Weight incl. batteries [g]	259
Material	PC, Aluminum alloy
Headband color	Black
Headband type	Side Overhead
Head movement type	Stepless Movement
Head movement angle [°]	130
Headband specifications	Washable, Elastic, Detachable
POWER SUPPLY	
Power source type	21700
Battery quantity	1
Rechargeable	Yes
Battery type	Lithium-ion
Total battery voltage [V]	3.7
Total battery capacity [mAh]	4800
Total battery energy [Wh]	17.76 Wh
Battery replaceable	Yes
Charging time [min]	210
Energy status indicator	Low Battery Warning, Charge Indicator, Battery Indicator
FURTHER SPECIFICATIONS	
IP class	IP67
Drop test (drop height) [m]	1.5

FURTHER SPECIFICATIONS			
Working temperature range [°C]		-20 to +40	
LIGHT FUNCTIONS			
Boost, Power, Low power			
LIGHT SOURCE			
Amount LEDs		1	
LED type		XHP35 HI	
Color		Cool White	
Color temperature [K]		6000 to 7500	
Color rendering index (CRI)		70	
LIGHT VALUES			
	Boost	Power	Low power
Light output [lm]	1000	600	15
Beam distance [m]	250	200	25
Run time [h]	-	4	65
SWITCH			
Side Multifunctional switch			
FEATURES			
Dimmable, Transportation Lock, Flicker Free, Memory Function, Backup Mode			

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TECHNOLOGIES

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

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PACKAGING AND LOGISTICS



PACKAGING INFORMATION	
Type of packaging	Box
Scope of delivery	21700 Li-ion Rechargeable Battery 4800mAh, Magnetic Charging Cable Type-C
Item No.	502122
Color	Black
MSRP price (€)	99.9
SINGLE PACKAGE	
Dimensions W x H x D [cm]	14.5 x 12 x 8.5
Gross weight [g]	410
GTIN-13	4058205020909
EXPORT CARTON	
Unit	12
Dimensions W x H x D [cm]	39.5 x 19.5 x 37.5
Gross weight [g]	5.67
GTIN-13	4058205020923

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ACCESSORIES

PRODUCT CATEGORY	ITEM NO.	PRODUCT NAME	PRICE
	502308	Color Filter Set 40mm	18.90 €
Mounts & Brackets	502247	Tripod Adapter Type D	9.90 €
Mounts & Brackets	502314	Helmet Connecting Kit Type H	14.90 €
Mounts & Brackets	502313	Helmet Band Fixing Clip Type A	4.90 €
Batteries & Accumulators	502262	21700 Li-ion Rechargeable Battery 4800mAh	24.90 €
Mounts & Brackets	502256	Universal Mounting Bracket Type E	12.90 €
Chargers & Cables	502265	Magnetic Charging Cable Type A	6.90 €
Portable Energy	502127	Powerbank Flex10	69.90 €
	502451	Transparent Silicone Headband Type A	9.90 €
	502271	USB Adapter 2.4A	14.90 €
Mounts & Brackets	502469	Headband+Overheadband Core	9.90 €
Mounts & Brackets	502470	Headband+Overheadband Work	9.90 €
Mounts & Brackets	502471	Headband+Overheadband Signature	12.90 €
Portable Energy	502511	Powerbank Flex5	39.90 €

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PRODUCT SERIES

Core forms the new "core" of the H series. These headlamps boast a wealth of pioneering technologies and functions. They can be operated intuitively and are almost all infinitely dimmable via the wheel switch on the lamp head. The headlamps also offer an improved constant luminous flux so that the selected brightness can be maintained over a long period of time. Thanks to Flex Sealing Technology, all models achieve at least the high IP67 protection class against dust and water. These and many other features as well as the extensive range of accessories, which can be used universally thanks to the Ledlenser Connecting System, make the Core headlamps in the H series ideal all-rounders with an outstanding price-performance ratio.

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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.

*) 7 year warranty only if registered, otherwise 2 years. Warranty conditions viewable at <https://ledlenser.com/warranty>

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.