

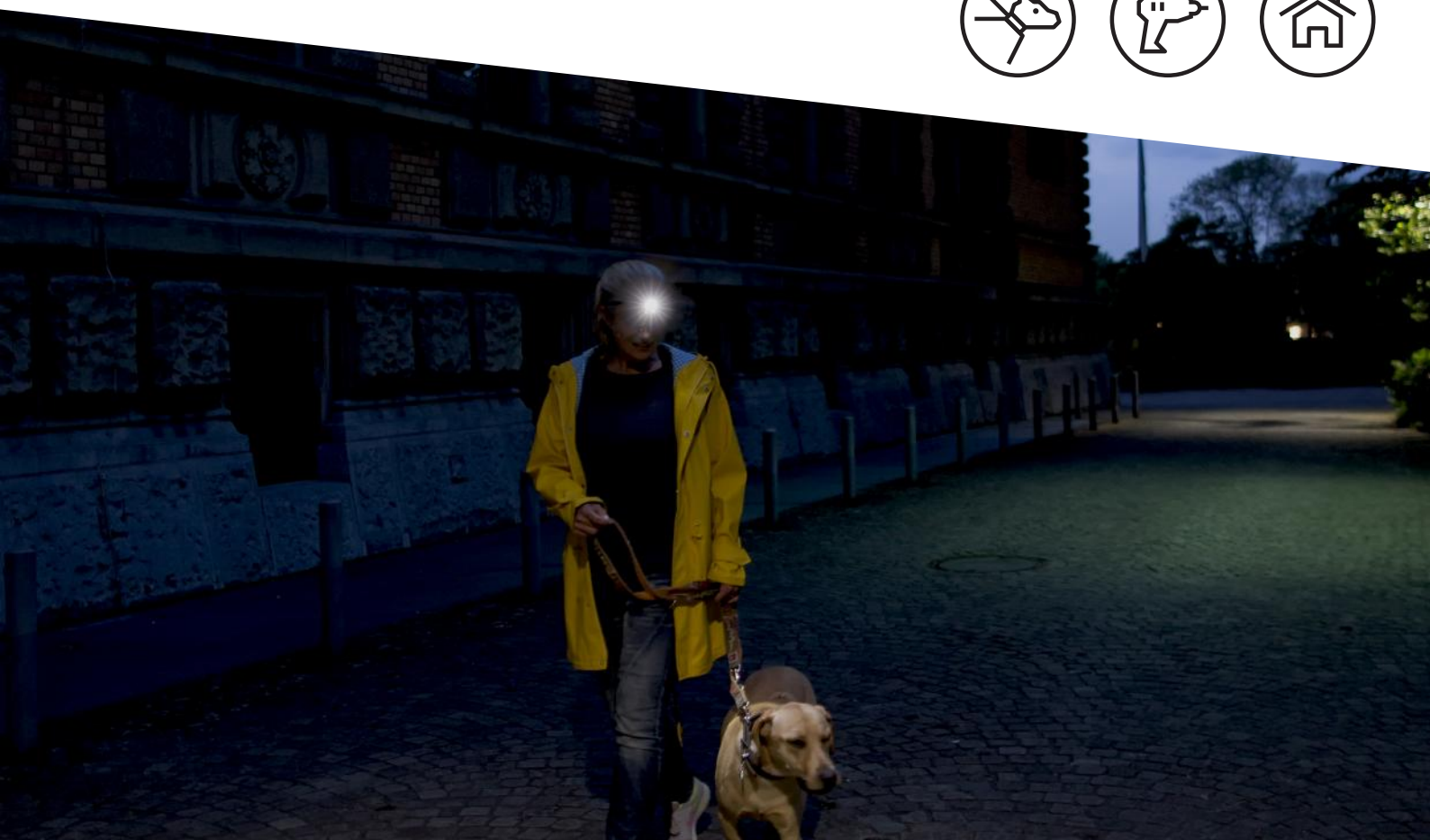


**YEAR
WARRANTY***

*With registration.
More information at
www.ledlenser.com

PRODUCT DATA SHEET

H7R CORE Rechargeable LED Headlamp (CS1000)



H7R Core

- The Ledlenser H7R CORE rechargeable headlamp is powerful, robust, focusable and features a dimming function
- 7-year with registration warranty - for complete peace of mind
- Three brightness levels - Boost 1000lm, Power 600lm, Low Power 15lm
- Patented Advanced Focusing System - clever engineering enables seamless beam focusing for flood (near) or spot (distance) illumination and any level in-between
- Directable light - ability to angle the light beam up or down (within 130°) for maximum illumination flexibility
- Flicker-free light - prevents a strobe effect, for example on fast moving machinery
- Seal-Tight Technology - supreme level of ingress protection. 100% dust tight. Watertight against the effects of immersion in water between 15cm and 1m for up to 30 minutes. Rated IP67. Ideal for working in dusty or wet environments
- Cooling Technology - helps the unit from overheating and thus prolongs the life of the unit by preventing damage to the light and its components
- Overhead headband for extra stability. Can be detached if not required
- Anti-microbial headstrap material - helps inhibit the growth of harmful microorganism. Additionally, the adjustable headstrap can be detached for washing.
- Low Battery warning - allows user time to replace batteries before power runs out
- Battery status indicator - indicates how much charge is still left in the battery
- Charging indicator - indicates when battery is fully charged during recharging
- Transport Lock mode - prevents accidental battery drain if switch is inadvertently depressed whilst in transit
- Magnetic Charge System - water and dust tight, fuss-free magnetic contact charging. No need to remove battery out of its housing
- Fast charging via supplied magnetic contact charging cable - just 3.5 hours to full charge
- Features a one-fits-all connector that allows attachment to various optional accessories
- Supplied with 1 x L-ion 21700 rechargeable battery and magnetic contact charging cable

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

POWER SUPPLY

Power source type	Rechargeable battery
Battery quantity	1
Battery type	Li-ion 21700
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

LIGHT SOURCE

Amount LEDs	1
LED type	Xtreme LED
Colour	White
Colour temperature [K]	6000 to 7500
Colour rendering index (CRI)	70

LIGHT VALUES

ANSI – Constant Light	Boost	Power	Mid Power	Low Power
Light output ¹ [lm]	1000	600		15
Beam distance ¹ [m]	250	200		25
Run time ¹ [h]		4		65

SWITCH

Multifunctional Switch

FEATURES

Dimmable , Transportation lock , Flicker Free, Memory Function, Back-Up Light

TECHNOLOGIES

Advanced Focus System³, Magnetic Charge System, Temperature Control System, Seal-Tight Technology, Cooling Technology

H7R Core

PACKAGING AND LOGISTICS



PACKAGING INFORMATION

Type of packaging	Box
Supplied with	1 set of rechargeable batteries, Magnetic charging cable
Item No.	502122
Customs tariff number	8513100000
Colour	black

SINGLE PACKAGE

Dimensions W x H x D [cm]	14.5 x 12 x 8.5
Gross weight [g]	421
GTIN-13	4058205020909

EXPORT CARTON

Unit	12
Dimensions W x D x H [cm]	39.5 x 37.5 x 19.5
Gross weight [kg]	5.802
GTIN-13	4058205020923

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ACCESSORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME
Color filter / Signal caps	502308	Color Filter Set 40mm
Fastenings / Brackets	502247	Tripod Adapter Type D
Fastenings / Brackets	502314	Helmet Connecting Kit Type I
Fastenings / Brackets	502313	Helmet Band Fixing Clip Type A
Battery	502262	21700 Li-ion rechargeable battery 4800mAh
Fastenings / Brackets	502256	Universal Mounting Bracket Type E
Charger / Cable	502265	Magnetic Charging Cable Type A
Fastenings / Brackets	502451	Transparent Silicone Headband Type A
Charger / Cable	502271	USB Adapter 2.4A

H7R Core

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/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.