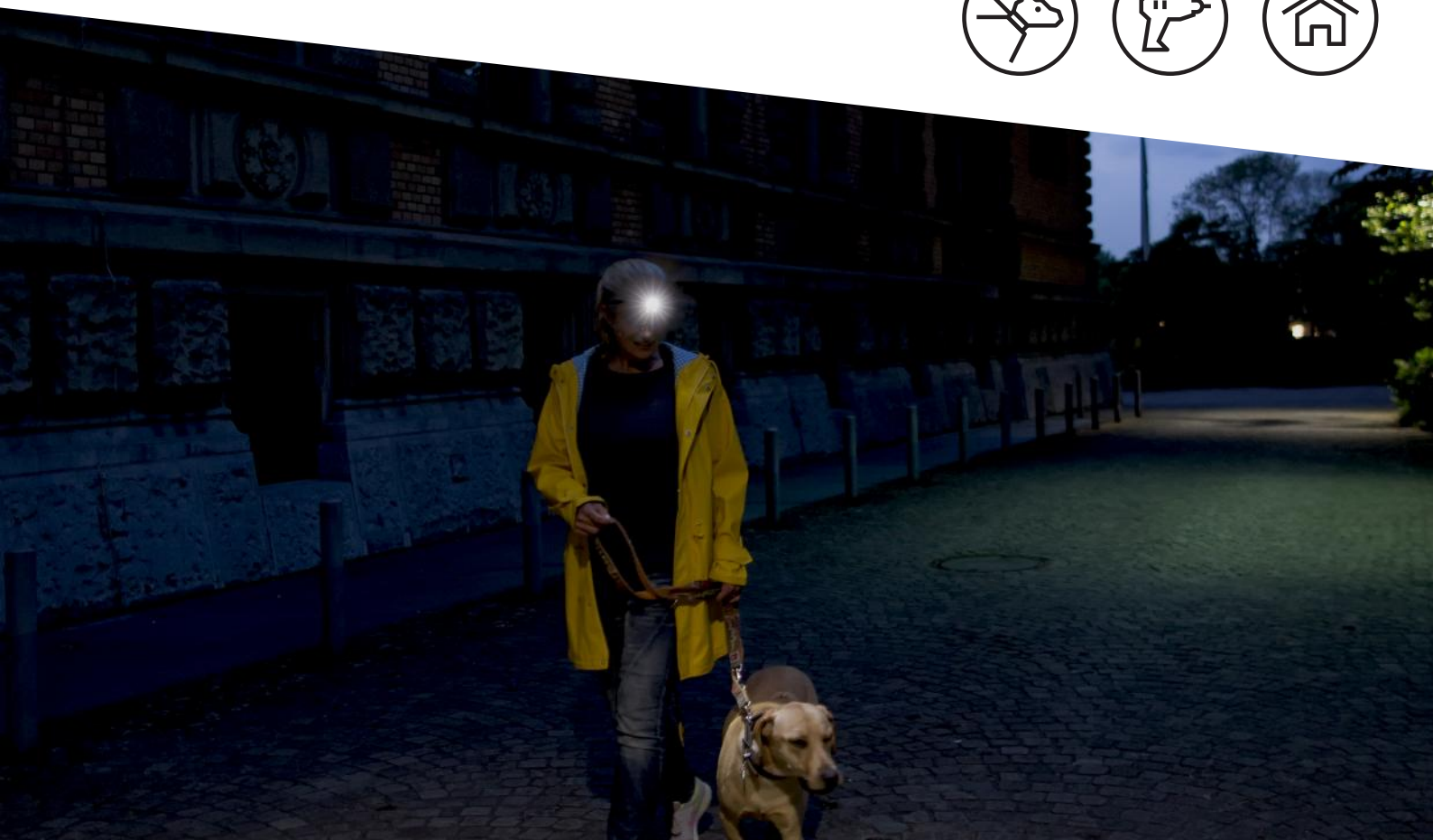




\*With registration.  
More information at  
[www.ledlenser.com](http://www.ledlenser.com)

# PRODUCT DATA SHEET

## H5R CORE Rechargeable LED Headlamp (CS500)



# H5R Core

- The Ledlenser H5R CORE rechargeable headlamp is compact, focusable and features a dimming function
- 7-year with registration warranty - for complete peace of mind
- Three brightness levels - Boost 500lm, Power 300lm, 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 160°) 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
- 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 integrated Lithium Polymer rechargeable battery pack and magnetic contact charging cable

## 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	Integrated Lithium Polymer Battery Pack
Battery replaceable	No
Total battery voltage [V]	3.7
Total battery capacity [mAh]	1800
Total battery energy <sup>2</sup> [Wh]	6.66
Rechargeable	Yes
Charging time <sup>5</sup> [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
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 <sup>1</sup> [lm]	500	300		15
Beam distance <sup>1</sup> [m]	200	150		30
Run time <sup>1</sup> [h]		2		50

## SWITCH

Multifunctional Switch

## FEATURES

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

## TECHNOLOGIES

Advanced Focus System<sup>3</sup>, Magnetic Charge System, Temperature Control System, Seal-Tight Technology, Cooling Technology

# H5R Core

## PACKAGING AND LOGISTICS



Exemplary Packaging Illustration

### PACKAGING INFORMATION

Type of packaging	Box
Supplied with	1 set of rechargeable batteries, Magnetic charging cable
Item No.	502121
Customs tariff number	8513100000
Colour	black
<b>STERLING RRP ex / incl vat (£)</b>	<b>£66.63 / £79.95</b>
<b>EURO RRP ex / incl vat (€)</b>	<b>€65.00 / €79.95</b>

### SINGLE PACKAGE

Dimensions W x H x D [cm]	14.5 x 12 x 8.5
Gross weight [g]	334
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]	4.758
GTIN-13	4058205020893

# H5R Core

## ACCESSORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME	RRP
Color filter / Signal caps	502307	Color Filter Set 39mm	TBC
Fastenings / Brackets	502247	Tripod Adapter Type D	TBC
Fastenings / Brackets	502313	Helmet Band Fixing Clip Type A	TBC
Fastenings / Brackets	502314	Helmet Connecting Kit Type I	TBC
Fastenings / Brackets	502256	Universal Mounting Bracket Type E	TBC
Charger / Cable	502265	Magnetic Charging Cable Type A	TBC
Fastenings / Brackets	502451	Transparent Silicone Headband Type A	TBC
Charger / Cable	502271	USB Adapter 2.4A	TBC

# H5R Core

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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.

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

5) Charging time varies by hardware used.