

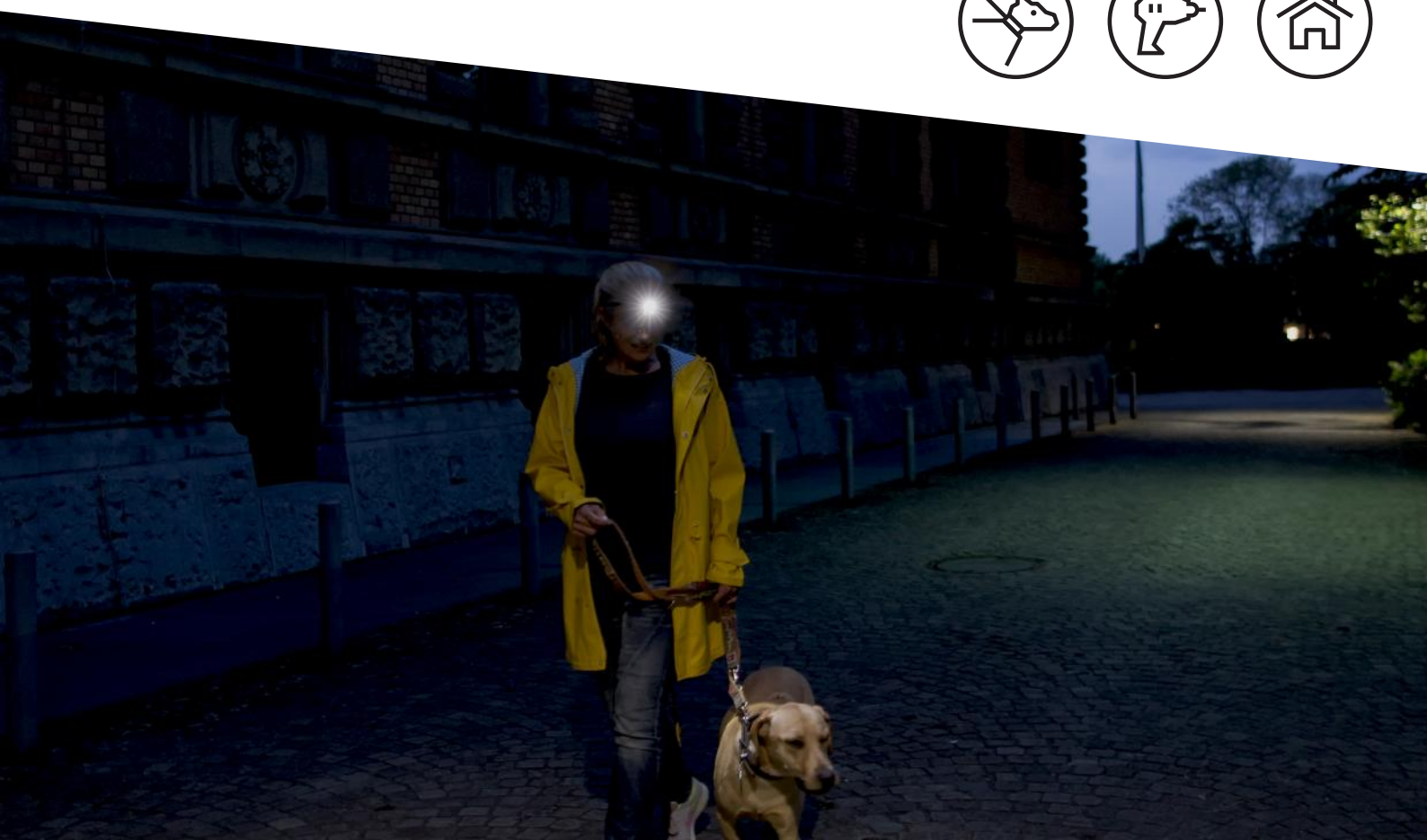


7  
YEAR  
WARRANTY\*

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

# PRODUCT DATA SHEET

## H15R CORE Rechargeable LED Headlamp (CS2500)



# H15R Core

- The Ledlenser H15R CORE rechargeable headlamp provides extreme illumination, a state-of-the-art multi-core optic and the ability to focus the light beam up to an impressive 250 meters
- 7-year with registration warranty - for complete peace of mind
- Three brightness levels - Boost 2500lm, Power 1000lm, Low Power 20lm
- 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 120°) for maximum illumination flexibility
- Dimming feature - dim the light intensity to provide just the right level of illumination.
- 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 5.5 hours to full charge
- Features a one-fits-all connector that allows attachment to various optional accessories
- Optional extension lead accessory (code 502312) available - reduces the weight on the head as it enables the battery box to be positioned elsewhere. i.e. pocket, backpack, etc.
- Supplied with 2 x L-ion 21700 rechargeable battery pack and magnetic contact charging cable

## TECHNICAL DATA

|                              |                                     |
|------------------------------|-------------------------------------|
| Head diameter [mm]           | 47                                  |
| Weight incl. batteries [g]   | 380                                 |
| Weight without batteries [g] | 230                                 |
| 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 [°]      | 120                                 |
| Headband specifications      | Detachable,<br>Elastic,<br>Washable |

## POWER SUPPLY

|  |  |
|--|--|
| Power source type                      | Rechargeable battery   |
| Battery quantity                       | 1  |
| Battery type                           | Li-ion Battery Pack (2 x 21700)                                |
| Battery replaceable                    | Yes  |
| Total battery voltage [V]              | 7.4  |
| Total battery capacity [mAh]           | 4800   |
| Total battery energy <sup>2</sup> [Wh] | 35.52  |
| Rechargeable                           | Yes  |
| Charging time <sup>5</sup> [min]       | 330  |
| Energy modes                           | Constant Light   |
| Energy status indicator                | Battery Indicator,<br>Charge Indicator,<br>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 <sup>1</sup> [lm] | 2500  | 1000  |           | 20        |
| Beam distance <sup>1</sup> [m] | 250   | 170   |           | 20        |
| Run time <sup>1</sup> [h]      |       | 5     |           | 80        |

## 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, Multi-Core Optics

# H15R Core

## PACKAGING AND LOGISTICS



Exemplary Packaging Illustration

### PACKAGING INFORMATION

|                       |   |
|-----------------------|---|
| Type of packaging     | Box   |
| Supplied with         | 1 set of rechargeable batteries,<br>Magnetic charging cable |
| Item No.              | 502123  |
| Customs tariff number | 85131000  |
| Colour                | black   |

### SINGLE PACKAGE

|                           |                 |
|---------------------------|-----------------|
| Dimensions W x H x D [cm] | 14.5 x 12 x 8.5 |
| Gross weight [g]          | 540             |
| GTIN-13                   | 4058205020930   |

### EXPORT CARTON

|                           |                    |
|---------------------------|--------------------|
| Unit                      | 12                 |
| Dimensions W x D x H [cm] | 39.5 x 37.5 x 19.5 |
| Gross weight [kg]         | 7.23               |
| GTIN-13                   | 4058205020954      |

# H15R Core

## ACCESSORIES

| PRODUCT CATEGORY           | ITEM NUMBER | PRODUCT NAME                              |
|----------------------------|-------------|---|
| Color filter / Signal caps | 502309      | Color Filter Set 47mm                     |
| Fastenings / Brackets      | 502246      | GoPro Adapter Type D                      |
| Fastenings / Brackets      | 502247      | Tripod Adapter Type D                     |
| Fastenings / Brackets      | 502253      | Belt Clip Type A                          |
| Fastenings / Brackets      | 502314      | Helmet Connecting Kit Type I              |
| Fastenings / Brackets      | 502313      | Helmet Band Fixing Clip Type A            |
| Fastenings / Brackets      | 502256      | Universal Mounting Bracket Type E         |
| Battery                    | 502310      | 2x 21700 Li-Ion Rechargeable Battery Pack |
| Battery                    | 502411      | Bluetooth 2x 21700 Batterybox             |
| Charger / Cable            | 502265      | Magnetic Charging Cable Type A            |
| Charger / Cable            | 502312      | Extension Cable Type C                    |
| Fastenings / Brackets      | 502451      | Transparent Silicone Headband Type A      |
| Charger / Cable            | 502271      | USB Adapter 2.4A                          |

# H15R 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.