LEDLENSER

# PRODUCT DATA SHEET
# HF8R Core

# HF8R Core

## PRODUCT DESCRIPTION

The Ledlenser HF8R Core is an adaptive powerhouse to be reckoned with. The highlight: Our patent-pending Adaptive Light Beam Technology allows automatic dimming and focusing. Thus, the HF8R is our first headlamp which can be used hands-free and requires no manual control at all. In addition to that, it comes with three brightness levels as well as a red front light. Thanks to our patent-pending Digital Advanced Focus System, the HF8R Core allows virtually seamless focusing. Moreover, it can be controlled remotely via Ledlenser Connect App (paid upgrade with additional features available), has an aluminum housing and a highly comfortable headband.

- Dims and focuses automatically thanks to our patent-pending Adaptive Light Beam technology; hands-free use
- Powerful headlamp with red front light and innovative Digital Advanced Focus System
- Remote control via Ledlenser Connect App
- Suitable for continuous immersion in water (IP68)
- Extremely powerful battery; easily rechargeable via Magnetic Charge System, with battery status indicator

## TECHNICAL DATA

| | |
|---|---|
| Weight incl. batteries [g] | 194 |
| Focus function | Yes (digital) |
| Head material | Aluminum alloy + PC |
| Tube material | Aluminum alloy + PC |
| Optic | Plastic lense (PMMA) |
| Headband material | Elastic fabric |
| Headband type | Side overhead headband |
| Head movement type | Stepless movement |
| Head movement angle [°] | 45 |
| 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] | 3700 |
| Total battery energy[2] [Wh] | 13.69 |
| Rechargeable | Yes |
| Charging time[5] [min] | 270 |
| Energy status indicator | Battery Indicator, Charge Indicator, Low Battery Warning |

## FURTHER SPECIFICATIONS

| | |
|---|---|
| IP class | IP68 |
| Drop test (drop height) [m] | 2 |
| Working temperature range [°C] | -20 to +40 |

## LIGHT FUNCTIONS

Boost, Power, Mid Power, Low Power, S.O.S.

## LIGHT SOURCE

| | |
|---|---|
| Amount LEDs | 4 |
| LED type | Xtreme LED |
| Color | White |
| Color temperature [K] | 5200 to 6200 |
| Color rendering index (CRI) | 70 |

## LIGHT VALUES

| | Boost | Power | Mid Power | Low Power |
|---|---|---|---|---|
| Light output[1] [lm] | 1600 | 900 | 300 | 20 |
| Beam distance[1] [m] | 210 | 200 | 100 | 25 |
| Run time[1] [h] | | 3.5 | 10 | 90 |

## SWITCH

Front Switch, Rotary Switch

## FEATURES

Bluetooth®[6], Dimmable , Red Light, Transportation lock , Memory Function, Backup Mode

## TECHNOLOGIES

Temperature Control System, Magnetic Charge System, Adaptive Light Beam, Emergency Light, Cooling Technology, Digital Advanced Focus System

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## PACKAGING AND LOGISTICS

## PACKAGING INFORMATION

| | |
|---|---|
| Type of packaging | Box |
| Scope of delivery | Comfort Pad,<br>Connect adapter,<br>Magnetic charging cable (USB-C) |
| Item No. | 502801 |
| Customs tariff number | 85131000000 |
| Color | black |

## SINGLE PACKAGE

| | |
|---|---|
| Dimensions W x H x D [cm] | 14.5 x 12 x 8.5 |
| Gross weight [g] | 383 |
| GTIN-13 | 4058205031943 |

## EXPORT CARTON

| | |
|---|---|
| Unit | 12 |
| Dimensions W x D x H [cm] | 39 x 29.5 x 34.5 |
| Gross weight [kg] | 5.3 |
| GTIN-13 | 4058205031936 |

# HF8R Core

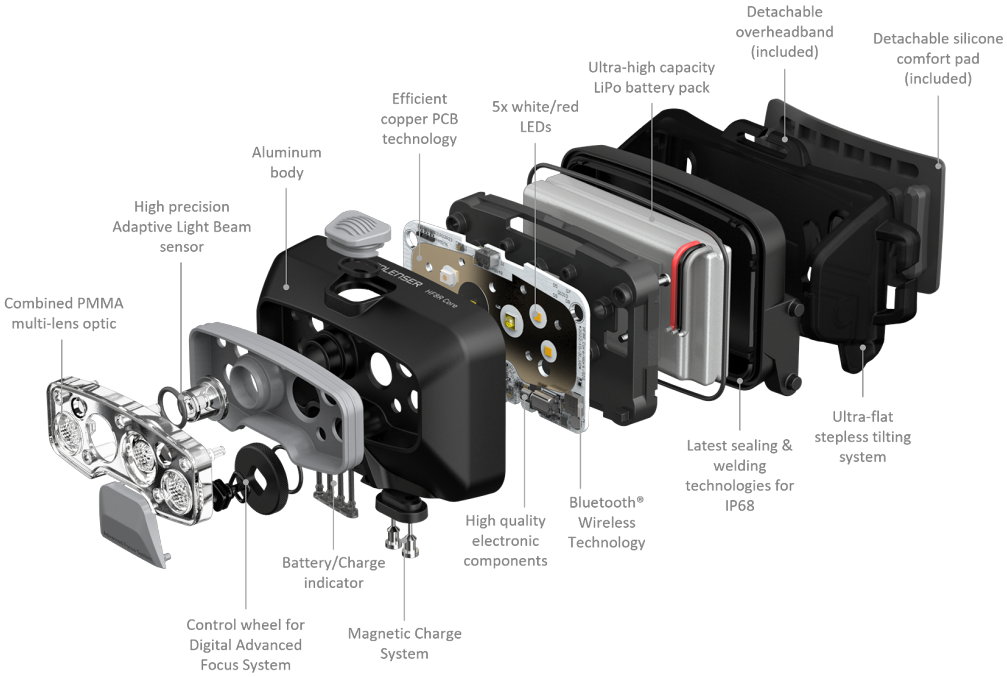
## ACCESORIES

| PRODUCT CATEGORY | ITEM NUMBER | PRODUCT NAME |
|---|---|---|
| Fastenings / Brackets | 503004 | Wall Mount Type E |
| Fastenings / Brackets | 502256 | Universal Mounting Bracket Type E |
| Fastenings / Brackets | 502314 | Helmet Connecting Kit Type H |
| Fastenings / Brackets | 502254 | Helmet Mount for Euroslot Type A |
| Pouches / Holster | 0332 | Pouch Type H |
| Charger / Cable | 502265 | Magnetic Charging Cable Type A |
| Charger / Cable | 502929 | USB-C Adapter 20W |

# HF8R Core

## PRODUCT SERIES

The HF-series Core models are reliable headlamps for everyday use. You can count on premium Ledlenser light quality, innovative technologies, an additional red light and compact design when going for a walk, hiking, during home improvements or DIY projects. With an HF Core headlamp, you have the best light for everyday life – plus, your hands remain free.

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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.

5) Charging time varies by hardware used.

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