LEDLENSER

PRODUCT DATA SHEET
HF8R CORE

HF8R Core

PRODUCT DESCRIPTION

The Ledlenser HF8R CORE rechargeable head torch is a powerhouse of performance and class-leading technology. Three brightness levels plus a 1600 lumen Boost are complimented with a red front light to protect night vision. The standout feature is the patent-pending Adaptive Light Beam Technology which, once activated, allows automatic dimming and focusing; making it a hands-free head torch which requires no manual control at all. Seamless spot to flood focusing is delivered by another patent-pending technology, the intuitive Digital Advanced Focus System. If remote control and further personalisation features are required, these can be achieved through the Ledlenser Connect App (paid upgrade). Lightweight robust aluminium housing protects from knocks whilst the impressive IP68 rating provides high level protection again dust and water ingress; so much so that the light will remain working even if temporarily submerged. The transport lock mode prevents accidental battery drain and the Magnetic Contact Charge System enables fuss-free battery charging without the need to remove the battery from its housing. Backed by a 7-year with registration warranty for complete peace of mind.

- Powerful rechargeable headlamp with three brightness levels, a 1600 lumen Boost mode and front red light
- Totally hands-free use requiring no manual control once switched on thanks to patent-pending Adaptive Light Beam technology
- Seamless spot / flood focusing thanks to the innovative patent pending Digital Advanced Focus System
- Robust construction to withstand everyday knocks; high dust and water ingression protection (IP68)
- Fuss-free Magnetic Contact Charge System recharges battery within housing; no need for removal
- Remote control / personalisation features via paid upgrade on Ledlenser Connect App
- 7-year with registration warranty for complete peace of mind

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
Colour	White
Colour temperature [K]	5200 to 6200
Colour 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
Supplied with	Comfort Pad, Connect adapter, Magnetic charging cable (USB-C)
Item No.	502801
Customs tariff number	85131000000
Colour	black
STERLING RRP ex / incl vat (£)	**£99.96/ £119.95**
EURO RRP ex / incl vat (€)	€97.52 /€119.95

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

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ACCESSORIES

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

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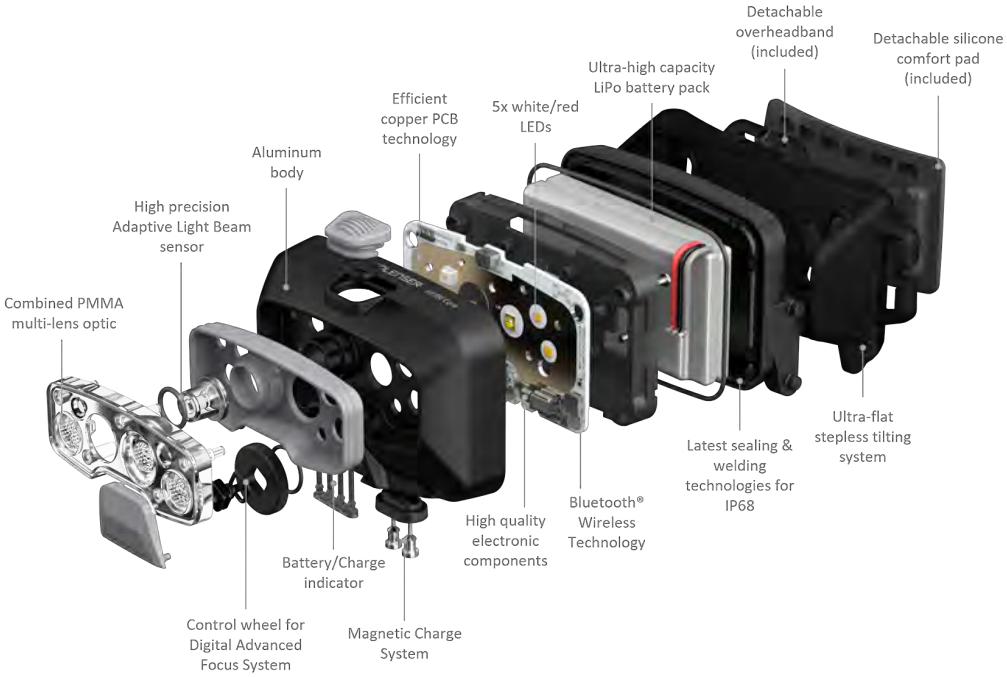
PRODUCT SERIES

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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