LEDLENSER

— PRODUCT DATA SHEET
HF6R CORE

HF6R Core

PRODUCT DESCRIPTION

The Ledlenser HF6R CORE rechargeable head torch delivers powerful, perfectly balanced illumination. Three brightness levels plus Boost, are complimented with an additional front red light to preserve night vision, and the light beam can be directed to optimise illumination via the tilting mechanism. Innovative patent-pending Digital Advanced Focus System for intuitive seamless spot to flood focusing is incorporated and the lightweight aluminium housing ensures robustness. Other features include various battery status indicators, a transport lock to prevent accidental battery drain and Magnetic Contact Charge System for fuss-free battery charging. Dust and water ingress protected to IP68. Backed by a 7-year with registration warranty for complete peace of mind.

- Slim, rechargeable head torch with three brightness levels, Boost and a red front light
- Seamless spot / flood focusing thanks to the innovative patent pending Digital Advanced Focus System
- Direct and optimise illumniation via the integrated tilting mechanism
- Dust and water ingress protected to IP68
- Fuss-free Magnetic Contact Charge System recharges battery within housing; no need for removal
- 7-year with registration warranty for complete peace of mind

TECHNICAL DATA

Weight incl. batteries [g]	126
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 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]	2000
Total battery energy[2] [Wh]	7.4
Rechargeable	Yes
Charging time[5] [min]	225
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

LIGHT SOURCE

Amount LEDs	3
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]	800	500	250	20
Beam distance[1] [m]	160	140	80	25
Run time[1] [h]		3	6	60

SWITCH

Front Switch, Rotary Switch

FEATURES

Red Light, Transportation lock , Memory Function, Backup Mode

TECHNOLOGIES

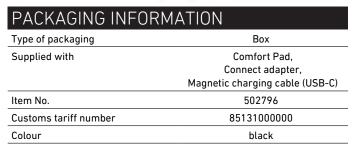Temperature Control System, Magnetic Charge System, Cooling Technology, Digital Advanced Focus System

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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.	502796
Customs tariff number	85131000000
Colour	black

SINGLE PACKAGE

Dimensions W x H x D [cm]	7.2 x 21 x 8.5
Gross weight [g]	272
GTIN-13	4058205031837

EXPORT CARTON

Unit	24
Dimensions W x D x H [cm]	45.5 x 29 x 34
Gross weight [kg]	7.3
GTIN-13	4058205031820

PACKAGING INFORMATION

Type of packaging	Box
Supplied with	Comfort Pad, Connect adapter, Magnetic charging cable (USB-C)
Item No.	502797
Customs tariff number	85131000000
Colour	white

SINGLE PACKAGE

Dimensions W x H x D [cm]	7.2 x 21 x 8.5
Gross weight [g]	272
GTIN-13	4058205031851

EXPORT CARTON

Unit	24
Dimensions W x D x H [cm]	45.5 x 29 x 34
Gross weight [kg]	7.3
GTIN-13	4058205031844

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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.	502966
Customs tariff number	85131000000
Colour	blue

PACKAGING INFORMATION

Type of packaging	Box
Supplied with	Comfort Pad, Connect adapter, Magnetic charging cable (USB-C)
Item No.	502967
Customs tariff number	85131000000
Colour	red

SINGLE PACKAGE

Dimensions W x H x D [cm]	7.2 x 21 x 8.5
Gross weight [g]	272
GTIN-13	4058205034319

SINGLE PACKAGE

Dimensions W x H x D [cm]	7.2 x 21 x 8.5
Gross weight [g]	272
GTIN-13	4058205034340

EXPORT CARTON

Unit	24
Dimensions W x D x H [cm]	45.5 x 29 x 34
Gross weight [kg]	7.3
GTIN-13	4058205034302

EXPORT CARTON

Unit	24
Dimensions W x D x H [cm]	45.5 x 29 x 34
Gross weight [kg]	7.3
GTIN-13	4058205034333

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ACCESSORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME
Fastenings / Brackets	503003	Wall Mount Type D
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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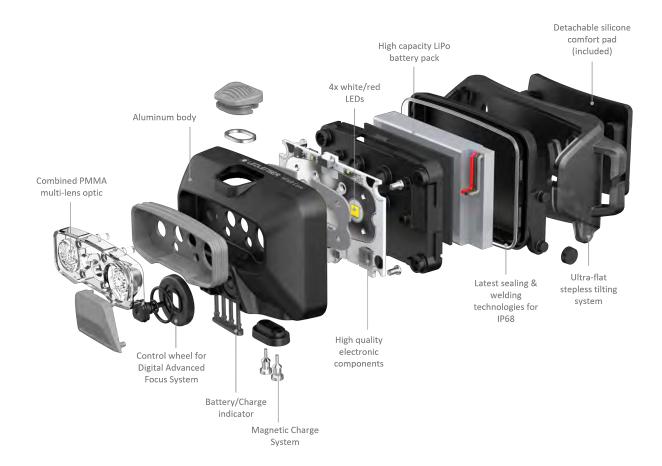
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PRODUCT SERIES

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.

Detachable silicone comfort pad (included)

High capacity LiPo battery pack

4x white/red LEDs

Aluminum body

Combined PMMA multi-lens optic

Latest sealing & welding technologies for IP68

Ultra-flat stepless tilting system

High quality electronic components

Control wheel for Digital Advanced Focus System

Battery/Charge indicator

Magnetic Charge System

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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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