LEDLENSER

— PRODUCT DATA SHEET
HF6R Core

HF6R Core

PRODUCT DESCRIPTION

The Ledlenser HF6R Core is our intuitive-to-use, slim headlamp for regular hiking and more ambitious DIY projects. It comes with a lightweight and high-quality aluminum housing as well as three brightness levels and a red front light. Thanks to our patent-pending Digital Advanced Focus System, the HF6R Core allows virtually seamless focusing. The digital AFS can be used intuitively via Focus Wheel, while the tilting lamp head allows a flexible illumination. You can easily charge the integrated battery via Magnetic Charge System. Other clever features include the handy transportation lock as well as the battery status indicator.

- Slim, rechargeable headlamp with three brightness levels as well as red front light
- Virtually seamless focusing thanks to our patentpending Digital Advanced Focus System; intuitive-to-use Focus Wheel
- Bright and perfectly balanced light pattern for ideal short and long-range illumination
- Suitable for continuous immersion in water (IP68)
- Powerful battery; easily rechargeable via Magnetic Charge System, with battery status indicator

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
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]	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
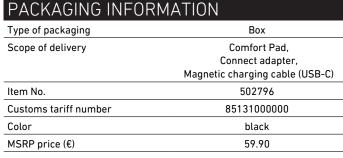
TECHNOLOGIES

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
Scope of delivery	Comfort Pad, Connect adapter, Magnetic charging cable (USB-C)
Item No.	502796
Customs tariff number	85131000000
Color	black
MSRP price (€)	59.90

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
Scope of delivery	Comfort Pad, Connect adapter, Magnetic charging cable (USB-C)
Item No.	502797
Customs tariff number	85131000000
Color	white
MSRP price (€)	59.90

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
Scope of delivery	Comfort Pad, Connect adapter, Magnetic charging cable (USB-C)
Item No.	502966
Customs tariff number	85131000000
Color	blue
MSRP price (€)	59.90

SINGLE PACKAGE

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

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

PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	Comfort Pad, Connect adapter, Magnetic charging cable (USB-C)
Item No.	502967
Customs tariff number	85131000000
Color	red
MSRP price (€)	59.90

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	4058205034333

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ACCESORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME	MSRP
Fastenings / Brackets	503003	Wall Mount Type D	9.90 €
Fastenings / Brackets	502256	Universal Mounting Bracket Type E	12.90 €
Fastenings / Brackets	502314	Helmet Connecting Kit Type H	14.90 €
Fastenings / Brackets	502254	Helmet Mount for Euroslot Type A	6.90 €
Pouches / Holster	0332	Pouch Type H	12.90 €
Charger / Cable	502265	Magnetic Charging Cable Type A	6.90 €
Charger / Cable	502929	USB-C Adapter 20W	19.90 €

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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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