



— PRODUCT DATA SHEET  
**HF8R Core RGB**



# HF8R Core RGB

## PRODUCT DESCRIPTION

Whether you're camping after sunset or preparing the bait before sunrise, the Ledlenser HF8R Core RGB adaptive headlamp will complete your outdoor adventure and fishing gear. Its innovative Adaptive Light Beam Technology allows automatic dimming and focusing so you can be totally hands-free. Requiring no manual control – users can keep focusing on that task at hand, without spending a second thought on illumination. The HF8R Core RGB is waterproof, comes with a red, green and blue front light, can be charged via Magnetic Charge System – even during operation, and has a high-quality aluminum housing. Additionally users have the option to control the headlamp via the convenient Focus Wheel to activate the Digital Advanced Focus System. It will transition virtually seamlessly from homogeneous floodlight to focused spotlight, providing the perfect light pattern for any range. Settings can also be personalised and controlled on the HF8R Core RGB via the Ledlenser Connect App.



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

TECHNICAL DATA	
Weight incl. batteries [g]	194
Material	Aluminum alloy
Headband type	Side Overhead
Head movement type	Stepless Movement
Head movement angle [°]	45
Headband specifications	Detachable, Elastic, Washable

POWER SUPPLY	
Power source type	Polymer 3.7V
Battery quantity	1
Rechargeable	Yes
Battery type	Lithium-ion
Total battery voltage [V]	3.7
Total battery capacity [mAh]	3700
Total battery energy [Wh]	13.69 Wh
Battery replaceable	No
Charging time [min]	270

POWER SUPPLY	
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, SOS, Strobe; Blink	

LIGHT SOURCE	MAIN
Amount LEDs	4
LED type	-
Colour	-
Colour temperature [K]	5200 to 6200
Colour rendering index (CRI)	70

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## LIGHT VALUES - Main

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

## SWITCH

Top Switch

## FEATURES

Bluetooth®, Dimmable, Red Light, Green Light, Blue Light, Transportation Lock, Memory Function, Backup Mode

## TECHNOLOGIES

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

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## PACKAGING AND LOGISTICS



### PACKAGING INFORMATION

Type of packaging	Box
Supplied with	Connect adapter, Magnetic charging cable (USB-C), Comfort Pad
Item No.	503089
Colour	camo

### SINGLE PACKAGE

Dimensions W x H x D [cm]	14.5 x 8.5 x 8.5
Gross weight [g]	360
GTIN-13	4058205036634

### EXPORT CARTON

Unit	24
Dimensions W x H x D [cm]	38 x 34.5 x 29.5
Gross weight [g]	4710
GTIN-13	4058205036610

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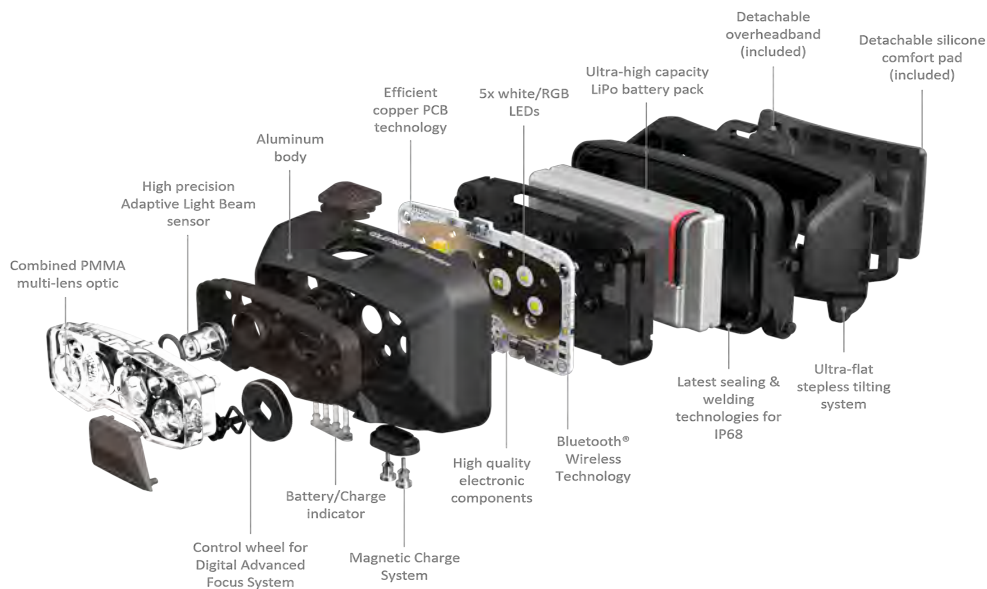
## ACCESSORIES

PRODUCT CATEGORY	ITEM NO.	PRODUCT NAME
Mounts & Brackets	MASTER_4845	Adapter for GoPro Type D
Mounts & Brackets	MASTER_4867	Tripod Adapter Type D
Mounts & Brackets	MASTER_4868	Universal Mounting Bracket Type E
Mounts & Brackets	MASTER_6186	Helmet Connecting Kit Type H
Mounts & Brackets	MASTER_4846	Flexible Mount Type A
Bags & Holsters	MASTER_6240	Pouch Type H
Chargers & Cables	MASTER_4746	Magnetic Charging Cable Type A
Remote Controls	MASTER_4885	Wireless Remote Control Type A

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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.

\*) 7 year warranty only if registered, otherwise 2 years. Warranty conditions viewable at <https://ledlenser.com/warranty>

1) Measured values according to ANSI/PLATO FL 1 in the respective setting named. If no setting is specifically named, the luminous flux (lumens/lm) and range (meters/

m) values refer to the brightest setting and the burn time (hours/h) values refer to the lowest setting. A boost function (if available) can be used several times, but is only available for a short time at a time. In case the lamp is equipped with colored LED(s), the measured values are given with white light or the white LED. If the lamp has different energy modes, the "energy saving mode" is the basis for the measurement.

2) Calculated value of the capacity in watt-hours (Wh). This applies to the battery(ies) contained in the delivery condition of the respective item or, in the case of lamps with rechargeable battery, to the battery(ies) contained herein in a fully charged condition.