



7  
YEAR  
WARRANTY\*

\*With registration.  
More information at  
[www.ledlenser.com](http://www.ledlenser.com)

# PRODUCT DATA SHEET

## H19R SIGNATURE LED Headlamp (SG4000)



- The Ledlenser H19R SIGNATURE rechargeable headlamp is the flagship of our H-Series headlamps. Ultimate, powerful brightness combines with state-of-the-art technologies and a multitude of accessories as standard including Bluetooth remote to control the unit from afar
- 7-year with registration warranty - for complete peace of mind
- Four brightness levels - Boost 4000lm, Power 1800lm, Mid Power 800lm, Low Power 15lm, plus Strobe, Position, SOS and Blink modes as well as a dimming feature
- Fusion Beam Technology - two individually controlled light beams that can be used together or independently; one for flood (distance) and the other for spot (near) illumination, which when used together combine in a unique single light delivery to maximize light utilization
- Bluetooth 5.0 - connect the headlamp remotely to smartphone to personalized settings and modes. Connect to a remote control to operate the light from afar. (Ledlenser smartphone app download required, spare remote control available as an optional accessory code 502311)
- Natural Light Technology - delivers light with a high colour rendering index (CRI) score for those that demand precision in distinguishing colours as accurately as possible
- State-of-the-art multi-core precision optic delivers an outstanding quality of light
- Directable light - ability to angle the light beam up or down (within 95°) for maximum illumination flexibility
- Opti-sense Technology - automatic dimming mode that adjusts to ambient light and allows run times to be extended
- Flicker-free light - prevents a strobe effect, for example on fast moving machinery
- Additional red light - helps to preserve night vision and aids map reading
- Excellent level of ingress protection. 100% dust tight. Watertight against the effects of immersion in water for up to 1 meter / 30 mins. Rated IP68. Ideal for working in dusty or wet environments
- Cooling Technology - helps the unit from overheating and thus prolongs the life of the unit by preventing damage to the light and its components
- Overhead headband for extra stability. Can be detached if not required
- Anti-microbial reflecting headstrap material - helps reflect light for safety and inhibit the growth of harmful microorganism. Additionally, the adjustable headstrap can be detached for washing
- Extension cable enables battery to be positioned away from the head eg in a pocket or backpack. If used on a bike, enables battery to be positioned away from the handlebars
- Low Battery warning - allows user time to replace batteries before power runs out
- Battery status indicator - indicates how much charge is still left in the battery
- Charging indicator - indicates when battery is fully charged during recharging
- Transport Lock mode - prevents accidental battery drain if switch is inadvertently depressed whilst in transit
- Magnetic Charge System - water and dust tight, fuss-free magnetic contact charging. No need to remove battery out of its housing
- Fast charging via supplied magnetic contact charging cable - just 3.5 hours to full charge
- Features a one-fits-all connector that allows attachment to various accessories
- Supplied with L-ion rechargeable battery pack (2 x 21700), magnetic contact charging cable, Bluetooth remote, bike mount, helmet clips, helmet connecting kit, extension cable, GoPro accessory connector, hook and loop straps, tripod connector, mains plug with USB slot, storage case

## TECHNICAL DATA

Head diameter [mm]	68
Weight incl. batteries [g]	374
Weight without batteries [g]	224
Focus function	No
Head material	PC
Tube material	Aluminum alloy
Optic	Plastic lense (PMMA)
Headband material	Elastic fabric
Headband type	Side overhead headband
Head movement type	Stepless movement
Head movement angle [°]	95
Headband specifications	Detachable, Elastic, Washable, reflecting

## POWER SUPPLY

Power source type	Rechargeable battery
Battery quantity	1
Battery type	Li-ion battery pack (2x21700)
Battery replaceable	Yes
Total battery voltage [V]	7.4
Total battery capacity [mAh]	4800
Total battery energy <sup>2</sup> [Wh]	35.52
Rechargeable	Yes
Charging time <sup>5</sup> [min]	330
Energy modes	Constant Light
Energy status indicator	Battery Indicator, Charge Indicator, Low Battery Warning

## FURTHER SPECIFICATIONS

IP class	IP68
Drop test (drop height) [m]	1.5
Working temperature range [°C]	-20 to +40

## LIGHT FUNCTIONS

Boost, Power, Mid Power, Low Power, Strobe, Position, S.O.S., Blink

## LIGHT SOURCE

Amount LEDs	2
LED type	Xtreme LED
Colour	White
Colour temperature [K]	6000 to 7500
Colour rendering index (CRI)	80

## LIGHT VALUES

ANSI – Constant Light	Boost	Power	Mid Power	Low Power
Light output <sup>1</sup> [lm]	4000	1800	800	200
Beam distance <sup>1</sup> [m]	330	250	150	80
Run time <sup>1</sup> [h]		3.5	7	20

## SWITCH

Front Switch

## FEATURES

Bluetooth<sup>®6</sup>, Dimmable, Red Light, Transportation lock, Flicker Free, Memory Function, Back-Up Light

## TECHNOLOGIES

Optisense Technology, Temperature Control System, Magnetic Charge System, Cooling Technology, Multi-Core Optics, Fusion Beam, Emergency Light

# H19R Signature

## PACKAGING AND LOGISTICS



Exemplary Packaging Illustration

### PACKAGING INFORMATION

Type of packaging	Soft Case
Supplied with	1 set of rechargeable batteries, magnetic contact charging cable, Bluetooth remote, bike mount, helmet clips, helmet connecting kit, extension cable, GoPro accessory connector, hook and loop straps, tripod connector, mains plug with USB slot, storage case
Item No.	502198
Customs tariff number	85131000
Colour	black
<b>STERLING RRP ex / incl vat (£)</b>	<b>£249.96 / £299.95</b>
<b>EURO RRP ex / incl vat (€)</b>	<b>€243.09 / €299.00</b>

### SINGLE PACKAGE

Dimensions W x H x D [cm]	25.7 x 18.3 x 11.8
Gross weight [g]	902
GTIN-13	4058205021111

### EXPORT CARTON

Unit	6
Dimensions W x D x H [cm]	39.5 x 31 x 40
Gross weight [kg]	8980
GTIN-13	4058205021135

# H19R Signature

## ACCESORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME	RRP
Fastenings / Brackets	502246	GoPro Adapter Type D	TBC
Fastenings / Brackets	502247	Tripod Adapter Type D	TBC
Fastenings / Brackets	502253	Belt Clip Type A	TBC
Fastenings / Brackets	502313	Helmet Band Fixing Clip Type A	TBC
Fastenings / Brackets	502314	Helmet Connecting Kit Type I	TBC
Fastenings / Brackets	502256	Universal Mounting Bracket Type E	TBC
Battery	502310	2x 21700 Li-Ion Rechargeable Battery Pack	TBC
Battery	502411	Bluetooth 2x 21700 Batterybox	TBC
Charger / Cable	502265	Magnetic Charging Cable Type A	TBC
Remote Switchs	502311	Bluetooth Remote Control Type A	TBC
Charger / Cable	502312	Extension Cable Type C	TBC
Fastenings / Brackets	502451	Transparent Silicone Headband Type A	TBC
Charger / Cable	502271	USB Adapter 2.4A	TBC

# H19R Signature

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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/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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