



# — PRODUCT DATA SHEET

## H7R Signature



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## PRODUCT DESCRIPTION

The H7R Signature is a versatile and powerful headlamp, delivering smart light for a variety of demanding activities. It can easily be controlled and personalized on your smartphone via Bluetooth with the Ledlenser Connect App. The H7R Signature has continuous dimmability and focusability. This headlamp can be easily powered back up thanks to its quick magnetic charging and offers extreme protection from dust and water (IP67). It's the perfect adventure partner.

- Powerful premium headlamp with up to 1200 lumens and our patented<sup>3</sup> Advanced Focus System
- Bluetooth connection to the smartphone for custom light functions and settings via Ledlenser Connect App
- Intuitive operation and stepless dimming with the Wheel Switch
- Flex Sealing Technology provides superior protection against dust and water (IP67)
- 130 degrees of lamp head rotation

### TECHNICAL DATA

|                              |  |
|------------------------------|--|
| Head diameter [mm]           | 41   |
| Weight incl. batteries [g]   | 259  |
| Weight without batteries [g] | 188  |
| Focus function               | Yes  |
| 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 [°]      | 130  |
| Headband specifications      | Detachable,<br>Elastic,<br>Washable,<br>reflecting |

### POWER SUPPLY

|  |  |
|--|--|
| Power source type                      | Rechargeable battery   |
| Battery quantity                       | 1  |
| Battery type                           | Li-ion   |
| Battery replaceable                    | Yes  |
| Total battery voltage [V]              | 3.7  |
| Total battery capacity [mAh]           | 4800   |
| Total battery energy <sup>2</sup> [Wh] | 17.76  |
| Rechargeable                           | Yes  |
| Charging time <sup>5</sup> [min]       | 210  |
| Energy modes                           | Constant Light   |
| Energy status indicator                | Battery Indicator,<br>Charge Indicator,<br>Low Battery Warning |

### FURTHER SPECIFICATIONS

|                                |            |
|--------------------------------|------------|
| IP class                       | IP67       |
| Drop test (drop height) [m]    | 1.5        |
| Working temperature range [°C] | -20 to +40 |

### LIGHT FUNCTIONS

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

### LIGHT SOURCE

|                             |              |
|-----------------------------|--------------|
| Amount LEDs                 | 1            |
| LED type                    | Xtreme LED   |
| Color                       | White        |
| Color temperature [K]       | 6000 to 7500 |
| Color rendering index (CRI) | 80           |

### LIGHT VALUES

| ANSI – Constant Light          | Boost | Power | Mid Power | Low Power |
|--------------------------------|-------|-------|-----------|-----------|
| Light output <sup>1</sup> [lm] | 1200  | 700   |           | 15        |
| Beam distance <sup>1</sup> [m] | 260   | 220   |           | 25        |
| Run time <sup>1</sup> [h]      |       | 3.5   |           | 65        |

### SWITCH

Multifunctional Switch

### FEATURES

Bluetooth<sup>®6</sup>, Dimmable, Transportation lock, Flicker Free, Memory Function, Backup Mode

### TECHNOLOGIES

Advanced Focus System<sup>3</sup>, Magnetic Charge System, Temperature Control System, Flex Sealing Technology, Cooling Technology, Emergency Light

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## PACKAGING AND LOGISTICS



### PACKAGING INFORMATION

|                       |   |
|-----------------------|---|
| Type of packaging     | Soft Case   |
| Scope of delivery     | 1 set of rechargeable batteries,<br>Extension cable,<br>Fixing clips,<br>GoPro accessories adapter,<br>Helmet connecting kit,<br>Hook-and-loop straps,<br>Magnetic charging cable (USB-A),<br>Tripod connector,<br>USB power adapter,<br>Universal mounting bracket |
| Item No.              | 502197  |
| Customs tariff number | 8513100000  |
| Color                 | black   |
| MSRP price (€)        | 169.00  |

### SINGLE PACKAGE

|                           |                    |
|---------------------------|--------------------|
| Dimensions W x H x D [cm] | 25.7 x 18.3 x 11.8 |
| Gross weight [g]          | 802                |
| GTIN-13                   | 4058205021081      |

### EXPORT CARTON

|                           |                |
|---------------------------|----------------|
| Unit                      | 6              |
| Dimensions W x D x H [cm] | 39.5 x 31 x 40 |
| Gross weight [kg]         | 6.232          |
| GTIN-13                   | 4058205021104  |

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## ACCESORIES

| PRODUCT CATEGORY           | ITEM NUMBER | PRODUCT NAME                              | MSRP    |
|----------------------------|-------------|---|---------|
| Color filter / Signal caps | 502308      | Color Filter Set 40mm                     | 18.90 € |
| Fastenings / Brackets      | 502253      | Belt Clip Type A                          | 6.90 €  |
| Fastenings / Brackets      | 502313      | Helmet Band Fixing Clip Type A            | 4.90 €  |
| Fastenings / Brackets      | 502314      | Helmet Connecting Kit Type H              | 14.90 € |
| Fastenings / Brackets      | 502256      | Universal Mounting Bracket Type E         | 12.90 € |
| Battery                    | 502262      | 21700 Li-ion Rechargeable Battery 4800mAh | 24.90 € |
| Battery                    | 502410      | Bluetooth®; 21700 Batterybox              | 49.90 € |
| Battery                    | 502411      | Bluetooth®; 2x 21700 Batterybox           | 59.90 € |
| Charger / Cable            | 502265      | Magnetic Charging Cable Type A            | 6.90 €  |
|                            | 502127      | Powerbank Flex10                          | 69.90 € |
| Remote Switchs             | 502311      | Wireless Remote Control Type A            | 34.90 € |
| Charger / Cable            | 502312      | Extension Cable Type C                    | 9.90 €  |
| Fastenings / Brackets      | 502451      | Transparent Silicone Headband Type A      | 9.90 €  |
| Charger / Cable            | 502271      | USB Adapter 2.4A                          | 14.90 € |
| Fastenings / Brackets      | 502469      | Headband+Overheadband Core                | 9.90 €  |
| Fastenings / Brackets      | 502470      | Headband+Overheadband Work                | 9.90 €  |
| Fastenings / Brackets      | 502471      | Headband+Overheadband Signature           | 12.90 € |
|                            | 502511      | Powerbank Flex5                           | 39.90 € |

# H7R Signature

## PRODUCT SERIES

The Ledlenser H-series offers best-in-class headlamps with reliable lighting that can be used in many applications. The H-series lamps are indispensable for a broad range of users in private and professional environments. The high product quality, the intuitive operation, the ergonomic design and last but not least the unmatched light pattern have led this series to great success. With every product in the H-series being completely redesigned with forward-thinking new technologies and features, Ledlenser has extensively raised the bar with this collection of lights. The new H-series is also the first Ledlenser range of flashlights designed for all user fields. The products of the Core, Work, and Signature range have different designs and features and are therefore tailor-made for different target groups.

The Signature headlamps form the premium line of our H-series. They build on the extensive basic features of the Core models and provide the perfect lighting for demanding outdoor enthusiasts. Thanks to Bluetooth 5.0, the lamps can be controlled and configured with the Ledlenser Connect App in addition to the classic manual operation. A particularly natural color rendering and an extensive accessory range make the Signature headlamps the ultimate partners for ambitious adventures.

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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.

3) EP Patent 1880139, US Patent 7,461,960

5) Charging time varies by hardware used.

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