



— PRODUCT DATA SHEET

H7R



H7R



PRODUCT DESCRIPTION

Whether it's jobs around the house, the next DIY project or a day on site as a painter or electrician, the dark rarely gets in the way. With the H7R head torch, everyday tasks are brought into sharp focus, revealing both the practical details and the unexpected moments—from a mouse darting through the flowerbeds to long-forgotten notes hidden beneath old wallpaper. The Advanced Focus System delivers the right beam for every distance and task, with stepless focusing via the focus ring and smooth dimming using the encoder, so nothing goes unnoticed. In spot mode, the H7R provides a beam range of up to 350 metres. Its powerful battery can also be used while charging, ensuring dependable lighting whenever it's needed, while the rear-mounted battery pack offers balanced weight distribution for greater comfort during extended use. Incorporating recycled materials and backed by a seven-year with registration warranty for complete peace of mind, the H7R is designed with a brighter future in mind for everyone

- Stepless dimming and focusing (Advanced Focus System)
- Long-range vision: Beam range of up to 350 m (spot)
- Powerful battery: Charges via USB-C and operates while charging
- Sustainable: Use of recycled materials¹³ and 7-year warranty*
- Element-proof: High water and dust resistance (IP67)

TECHNICAL DATA	
Weight incl. batteries [g]	252
Material	PC, Aluminum alloy
Headband color	Black
Headband material	Elastic textile
Headband type	Side Overhead
Head movement type	Stepless Movement
Head movement angle [°]	128
Headband specifications	Detachable, Elastic, Washable

POWER SUPPLY	
Battery quantity	1
Rechargeable	Yes
Battery type	Lithium-ion
Total battery voltage [V]	3.6
Total battery capacity [mAh]	4600
Total battery energy [Wh]	16.56 Wh
Battery replaceable	Yes
Charging time [min]	210
Energy status indicator	Battery Indicator, Charge Indicator, Low Battery Warning

SWITCH	
Side Multifunctional switch	

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

LIGHT FUNCTIONS	
Cool White Main: Boost, Power, Mid power, Low power	

LIGHT SOURCE	MAIN
Amount LEDs	1
Colour	Cool White
Colour temperature [K]	6000 to 7500
Colour rendering index (CRI)	70

LIGHT VALUES - Cool White Main				
	Boost	Power	Mid power	Low power
Light output [lm]	1200	850	400	15
Beam distance [m]	350	300	200	45
Run time [h]	-	4	8	120

FEATURES AND TECHNOLOGIES	
Backup Mode, Flicker Free, Stepless Dimming, Transportation Lock, Memory Function, USB-C Charging, Advanced Focus System, Cooling Technology, Flex Sealing Technology, Temperature Control System	

H7R

PACKAGING AND LOGISTICS

PACKAGING INFORMATION	
Type of packaging	Box
Scope of delivery	Charging cable (USB-C), 1 set of rechargeable batteries (21700)
Item No.	503221
Colour	Black
Customs tariff number	CTN_85131000

SINGLE PACKAGE	
Dimensions W x H x D [cm]	14.5 x 12 x 8.5
Gross weight [g]	398
GTIN-13	4058205039864

EXPORT CARTON	
Unit	12
Dimensions W x H x D [cm]	32 x 30 x 27
Gross weight [g]	5316
GTIN-13	4058205039857

RRP PRICING	RRP ex.VAT	RRP inc.VAT
STERLING	£99.96	£119.95
EURO	€97.52	€119.95

ACCESSORIES

PRODUCT CATEGORY	ITEM NO.	PRODUCT NAME
	502308	Color Filter Set 40mm
Mounts & Brackets	502247	Tripod Adapter Type D
Mounts & Brackets	502314	Helmet Connecting Kit Type H
Mounts & Brackets	502313	Helmet Band Fixing Clip Type A
Mounts & Brackets	502256	Universal Mounting Bracket Type E
Portable Energy	502127	Powerbank Flex10
	502451	Transparent Silicone Headband Type A
Portable Energy	502511	Powerbank Flex5
Mounts & Brackets	502246	Adapter for GoPro Type D
Mounts & Brackets	502253	Belt Clip Type A

H7R

PRODUCT SERIES

Reveal the world: With a Ledlenser H headlamp, what was once hidden comes into view. At work, details emerge that demand your attention, beauty appears where shadows once concealed it, and the adventure ahead becomes unmistakably clear. Because at Ledlenser, light is more than illumination, it's revelation.

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) 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.

3) EP patent 1880139; US patent 7,461,96

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