



— PRODUCT DATA SHEET

iH8R



iH8R

PRODUCT DESCRIPTION

The iH8R – a headlamp built for extraordinary everyday situations. Whenever you need a helmet to keep going, this lamp won't leave you in the dark. That's why the standard package already includes a helmet mounting set – plus an additional focus ring for easy adjustment of light settings when wearing gloves. Not to mention the USB Charging System including a high-performance battery. What's more, we also made the iH8R exceptionally light - so you can cope with the most exceptional conditions with nothing to weigh you down.

- Helmet Mounting Set included in product package – for easy attachment to security helmet
- Long-lasting usage thanks to extremely long battery life
- USB Charging System guarantees fast charging and can be used at any place
- 600 Lumens¹ of lighting power whilst weighing just 158 g
- Easy to use - even with gloves - thanks to additional focus ring which comes as part of the package

7
YEAR
WARRANTY⁴

TECHNICAL DATA

Head diameter [mm]	36
Weight incl. batteries [g]	158
Weight without batteries [g]	110
Focus function	Yes
Head material	Aluminum alloy
Tube material	Other plastics
Optic	Plastic lense (PMMA)
Headband material	Elastic fabric
Headband type	Side headband
Head movement type	Stepped movement
Head movement angle [°]	65
Headband specifications	Detachable, Elastic, Washable

POWER SUPPLY

Power source type	Rechargeable battery
Battery quantity	1
Battery type	Li-ion
Total battery voltage [V]	3.6
Total battery capacity [mAh]	3200
Total battery energy ² [Wh]	11.52
Rechargeable	Yes
Charging time ⁵ [min]	360
Energy modes	Constant Current, Energy Saving
Energy status indicator	Charge Indicator, Low Battery Warning

FURTHER SPECIFICATIONS

IP class	IP54
Drop test (drop height) [m]	2
Working temperature range [°C]	-20 to +40

LIGHT FUNCTIONS

Power, Mid Power, Low Power

LIGHT SOURCE

Amount LEDs	1
LED type	Xtreme LED
Color	White
Color temperature [K]	6000 to 8000
Color rendering index (CRI)	65

LIGHT VALUES

ANSI – Energy Saving	Boost	Power	Mid Power	Low Power
Light output ¹ [lm]		600	250	10
Beam distance ¹ [m]		150	100	20
Run time ¹ [h]		10	15	120

SWITCH

Front Switch

FEATURES

Rear light , Transportation lock

TECHNOLOGIES

Advanced Focus System³, Smart Light Technology, Temperature Control System, Rapid Focus

iH8R

PACKAGING AND LOGISTICS



Exemplary Packaging Illustration

PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	1 set of rechargeable batteries, Focusing aid ring, Helmet connecting kit, Pouch, USB cable
Item No.	500912
Customs tariff number	8513100000
Color	black

SINGLE PACKAGE

Dimensions W x H x D [cm]	13.5 x 11.5 x 10
Gross weight [g]	397
GTIN-13	4058205010313

INNER CARTON

Unit	6
Dimensions W x D x H [cm]	31.5 x 27.8 x 12.3
Gross weight [g]	2521
GTIN-13	4058205010320

EXPORT CARTON

Unit	12
Dimensions W x D x H [cm]	35.5 x 31 x 29
Gross weight [kg]	5.8
GTIN-13	4058205010337

PACKAGING INFORMATION

Type of packaging	Blister
Scope of delivery	1 set of rechargeable batteries, Focusing aid ring, Helmet connecting kit, Pouch, USB cable
Item No.	500913
Customs tariff number	8513100000
Color	black

SINGLE PACKAGE

Dimensions W x H x D [cm]	17 x 23 x 9.3
Gross weight [g]	367
GTIN-13	4058205010344

INNER CARTON

Unit	6
Dimensions W x D x H [cm]	40.5 x 35.5 x 24.5
Gross weight [g]	2799
GTIN-13	4058205010351

EXPORT CARTON

Unit	12
Dimensions W x D x H [cm]	43.5 x 38 x 53.5
Gross weight [kg]	6.7
GTIN-13	4058205010368


 The logo for IHOR, featuring the letters 'I', 'H', 'O', and 'R' in a stylized, red, sans-serif font. A horizontal line is positioned to the left of the 'I'.

ACCESORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME
Color filter / Signal caps	501506	Color Filter Set 36mm
Battery	501001	18650 Li-Ion rechargeable Battery 3000 mAh
Fastenings / Brackets	0359	Helmet Band Fixing Clip (4x)
Fastenings / Brackets	501595	Silicone Headband Type A
Charger / Cable	0355	External 18650 Li-Ion Charger
Charger / Cable	0380	USB Car Charger
Charger / Cable	0389	USB Power Supply and Adapter Cable
	502126	Powerbank Flex3
	502125	Powerbank Flex7
Battery	502128	Batterybox7
Battery	502129	Batterybox7 Pro



PRODUCT SERIES

The Ledlenser i-Series

Built for precision and professionalism

These Ledlensers stand out due to their yellow and black casings – and the bee-like colors are very fitting for the hard-working and persevering users of these lights. Developed especially for hard and demanding jobs, the lights in the i-Series are sturdy and functional companions. They have simple handling, the price is impressive and for rechargeable models they combine sustainability with power. There are therefore many reasons why this series is the first choice for countless tradespeople, electricians and industrial workers.

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.

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

4) Warranty period of five years from the date of purchase, seven years if the product is registered online on our website. The warranty is valid worldwide and legal warranty rights also apply. It covers defects in materials and workmanship. For the proper functioning of rechargeable batteries a different warranty period of 24 months applies. Excluded from this warranty are the product series "Solidline", Ledlenser K1 and Ledlenser K2. The warranty does not apply to Defects in batteries, holsters, pouches, remote switches, color filters, imprints or surface coatings. The guarantor is Ledlenser GmbH & Co. KG, Kronenstr. 5 - 7, 42699 Solingen, Germany. More information: ledlenser.com/warranty

5) Charging time varies by hardware used.