



— PRODUCT DATA SHEET

iH8R



iH8R

SPECIFICATIONS

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
Battery description	18650 3.63V
Total battery voltage [V]	3.63
Total battery capacity [mAh]	3000
Total battery energy ² [Wh]	10.89
Rechargeable	Yes
Charging time ⁵ [min]	360
Charging technology	Internal
Energy Usage modes	Constant Current, Energy Saving
Indicators	Charge Indicator, Low Battery Warning

FURTHER SPECIFICATIONS

IP class	IPX4
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

	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

7
YEAR
WARRANTY⁴

iH8R

PACKAGING AND LOGISTICS



for illustration only - may not be as shown

PACKAGING INFORMATION

Type of packaging	Box
Supplied with	1 rechargeable battery, Headband, Helmet Mount Kit Pouch, USB Charge cable
Item No.	500912
Customs tariff number	85131000

SINGLE PACKAGE

Dimensions W x H x D [cm]	13.5 x 11.5 x 10
Gross weight [g]	430.5
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]	2973
GTIN-13	4058205010320

EXPORT CARTON

Unit	12
Dimensions W x D x H [cm]	34.5 x 30.5 x 27.5
Gross weight [kg]	7.07
GTIN-13	4058205010337

iH8R

ACCESSORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME
Color filter / Signal caps	501506	Color Filter Set 36mm
Battery	501001	Li-Ionbrechargeable 18650 Battery 3,7V/3400mAh



MARKETING

KEY SELLING POINTS

- 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

PRODUCT COPY

The Ledlenser iH8R

Really great to wear – even with a helmet.

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.

SERIES COPY

Ledlenser i-Series

Ledlenser i-Series has been designed specifically to meet the needs of the industrial and craft sector.

The 'i' in the name of the Ledlenser i-Series stands for industry. The yellow-black units are robust mates, functional colleagues and durable companions. The i-Series combines sustainability with functionality, is high-performing, yet easy to use and with a convincing price-performance ratio. The first choice for craftspersons, 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) Measurements according to ANSI FL1 on the respective setting. Average values, in some cases, deviations by +/- 15 % may occur due to technical reasons. 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 has different energy modes, measurement is based on "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 products of the "Solidline" series, 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 Zweibrüder Optoelectronics GmbH & Co. KG, Kronenstr. 5 - 7, 42699 Solingen, Germany. More information: ledlenser.com/warranty

5) Charging time varies by hardware used.