



— PRODUCT DATA SHEET

iH7R CRI



iH7R CRI

SPECIFICATIONS

TIMELINE

Earliest launch of sales	17-10-2017
Global launch date	17-10-2017
Earliest Shipping date	15-09-2017
Order date	25-07-2017

TECHNICAL DATA

Head diameter [mm]	36
Weight incl. batteries [g]	160
Weight without batteries [g]	125
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, Rubberised back, Washable

POWER SUPPLY

Power source type	Rechargeable battery
Battery quantity	1
Battery type	Li-ion
Battery description	Polymer 3.7V
Total battery voltage [V]	3.7
Total battery capacity [mAh]	1400
Total battery energy ² [Wh]	5.18
Rechargeable	Yes
Charging time ⁵ [min]	300
Charging technology	Internal
Energy modes	Constant Current, Energy Saving
Energy status indicator	Battery Indicator, Charge Indicator, Low Battery Warning
Usable batteries	AAA 1.5V, AAA NiMH 1.2V

FURTHER SPECIFICATIONS

IP class	IPX4
Drop test (drop height) [m]	1.5
Working temperature range [°C]	-20 to +40

LIGHT FUNCTIONS

Boost, Low Power, Power, Strobe

LIGHT SOURCE

Amount LEDs	1
Color	Warm-white
Color temperature [K]	3700 to 4400
Color rendering index (CRI)	90

LIGHT VALUES

	Boost	Power	Mid Power	Low Power
Light output ¹ [lm]	220	180		15
Beam distance ¹ [m]	150	135		40
Run time ¹ [h]	4	10		30

SWITCH

Front Switch, Rotary Switch

FEATURES

Dimmable , Rear light , Transportation lock

TECHNOLOGIES

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

7
YEAR
WARRANTY⁴

iH7R CRI

PACKAGING AND LOGISTICS



Exemplary Packaging Illustration

PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	1 set of rechargeable batteries, Adaptor, Focus ring, USB cable
Item No.	500889
Customs tariff number	85131000
MSRP price (€)	79.90

SINGLE PACKAGE

Dimensions W x H x D [cm]	10.2 x 10 x 9.5
Gross weight [g]	266
GTIN-13	4058205010061

INNER CARTON

Unit	12
Dimensions W x D x H [cm]	30 x 21.2 x 21.5
Gross weight [g]	3500
GTIN-13	4058205010078

EXPORT CARTON

Unit	40
Dimensions W x D x H [cm]	45.5 x 32.5 x 24
Gross weight [kg]	8.7
GTIN-13	4058205010085



Exemplary Packaging Illustration

PACKAGING INFORMATION

Type of packaging	Test It Blister
Scope of delivery	1 set of batteries, 1 set of rechargeable batteries, Adaptor, Focus ring, USB cable
Item No.	500910
Customs tariff number	85131000
MSRP price (€)	79.90

SINGLE PACKAGE

Dimensions W x H x D [cm]	17 x 23 x 9
Gross weight [g]	351.25
GTIN-13	4058205010092

INNER CARTON

Unit	6
Dimensions W x D x H [cm]	47.2 x 30.2 x 18.5
Gross weight [g]	2641.5
GTIN-13	4058205010108

EXPORT CARTON

Unit	12
Dimensions W x D x H [cm]	49 x 32 x 40
Gross weight [kg]	7.4
GTIN-13	4058205010115

iH7R CRI

MARKETING

KEY SELLING POINTS

- The first Ledlenser headlamp with Natural Light technology for natural color rendering
- Increased visibility when working in dark environments thanks to switchable rear light
- Different light modes make it extremely easy to use in changing lighting conditions
- Charging station with multicolor charging indicator for professional use
- Natural Light technology ensures natural colors with a CRI of over 90 – ideal for quality control

PRODUCT COPY

The Ledlenser iH7R CRI

Seen by the light of day, it's always good to have your hands free. Ledlenser's first i-series headlamp with Natural Light offers true colors - and true freedom. Because it frees up your hands when working in dark surroundings – and thanks to its minimal weight and maximal wearing comfort, you'll probably forget you're even wearing it. So that you don't forget to charge your iH7R as well, we added a handy three-level charging indicator. The answer for everyone who likes using their heads when working in the dark.

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.