



— PRODUCT DATA SHEET

iH11R



iH11R

PRODUCT DESCRIPTION

The iH11R features all of the basic functions of the iH series and combined with the Ledlenser Connect app offers custom control, timer and much more. This super powerful, extremely flexible headlamp with rubber-coating inside the head strap, overhead helmet mount and other nifty accessories allows a wide range of uses.



- Boost mode: up to 1000 lumen – exactly when you need it
- Bluetooth smartphone connection for personalized settings, timer etc.
- Stepless pivoting mechanism for aligning the light beam down and even up
- Optisense Technology for automatic adjustment to lighting conditions
- Multicolor LED in red, green and blue
- Helmet mounting options: Rubber-coated head strap, adhesive mounting material, overhead helmet mounting kit
- Magnetic mount and adhesive metal pad

TECHNICAL DATA	
Weight incl. batteries [g]	179
Material	ABS, PC + ABS
Headband color	Black/Yellow
Headband type	Side Overhead
Head movement type	Stepless Movement
Head movement angle [°]	120
Headband specifications	Washable, Elastic, Detachable, Rubberised Back
POWER SUPPLY	
Power source type	18650 3.6V 3200mAh
Battery quantity	1
Rechargeable	Yes
Battery type	Lithium-ion
Total battery voltage [V]	3.6
Total battery capacity [mAh]	3200
Total battery energy [Wh]	11.52 Wh
Battery replaceable	Yes
Charging time [min]	420
Energy status indicator	Low Battery Warning, Charge Indicator, Battery Indicator

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

LIGHT FUNCTIONS	
Boost, Power, Mid power, Low power, Blink, SOS, Strobe, Power	

LIGHT SOURCE	MAIN	ALTERNATE
Amount LEDs	1	1
LED type	XPL	-
Color	Cool White	Red, Green, Blue
Color temperature [K]	6000 to 7500	-
Color rendering index (CRI)	70	-

LIGHT VALUES - Main				
	Boost	Power	Mid power	Low power
Light output [lm]	1000	750	300	10
Beam distance [m]	320	300	200	30
Run time [h]	-	4	8	100

iH11R

LIGHT VALUES - Alternate

Light output [lm]
Beam distance [m]
Run time [h]

SWITCH

Front Switch

FEATURES

Dimmable, Transportation Lock, Bluetooth®, Green Light, Blue Light, Red Reading Light

TECHNOLOGIES

Advanced Focus System, Emergency Light, Optisense Technology, Smart Light Technology, Temperature Control System, Cooling Technology, Magnetic Charge System

iH11R

PACKAGING AND LOGISTICS

PACKAGING INFORMATION	
Type of packaging	Box
Scope of delivery	18650 Li-Ion rechargeable Battery 3000 mAh, Pouch Type P, Magnetic Charging Cable Type A, Helmet Connecting Kit Type F, Helmet Connecting Kit Type G
Item No.	502022
Color	Black
MSRP price (€)	199
SINGLE PACKAGE	
Dimensions W x H x D [cm]	15 x 12 x 8.5
Gross weight [g]	520
GTIN-13	4058205015936
OUTER PACKAGE	
Unit	6
Dimensions W x H x D [cm]	38 x 18.5 x 15.8
Gross weight [g]	3320
GTIN-13	4058205015943
EXPORT CARTON	
Unit	24
Dimensions W x H x D [cm]	39.5 x 34.5 x 39.5
Gross weight [g]	14.3
GTIN-13	4058205015950

iH11R

ACCESSORIES

PRODUCT CATEGORY	ITEM NO.	PRODUCT NAME	PRICE
Batteries & Accumulators	501001	18650 Li-Ion rechargeable Battery 3000 mAh	24.90 €
Chargers & Cables	0380	USB Car Charger	9.90 €
Portable Energy	502125	Powerbank Flex7	54.90 €
Portable Energy	502126	Powerbank Flex3	34.90 €
	502128	Batterybox7	29.90 €
Portable Energy	502129	Batterybox7 Pro	39.90 €
Mounts & Brackets	502222	Helmet Connecting Kit Type F	9.90 €
Mounts & Brackets	502223	Helmet Connecting Kit Type G	14.90 €
Mounts & Brackets	502052	Universal Mounting Bracket Type D	19.90 €
	502271	USB Adapter 2.4A	14.90 €
Mounts & Brackets	502313	Helmet Band Fixing Clip Type A	4.90 €
Batteries & Accumulators	502595	Li-Ion direct USB rechargeable battery 3.6 V 2500 mAh	24.90 €

iH11R

SPARE PARTS

PRODUCT CATEGORY	ITEM NO.	PRODUCT NAME	PRICE
Chargers & Cables	SP500990_CC	Charging Cable USB-A to Magnetic - MH / iH / ML	6.90 €

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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.

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

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 7,461,960.