



— PRODUCT DATA SHEET

iH9R



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PRODUCT DESCRIPTION

The multi-talent for different conditions. Power with the included rechargeable battery or AA alkaline batteries. Two power modes (Constant Light and Energy Saving), a detachable, variable lamp head and different mounting options for helmets for maximum flexibility. The additional Multicolor LED (red, green and blue) round off the equipment.



- Multicolour LEDs in red, green and blue
- Two energy modes (constant light and energy saving) for either especially consistent or energy-saving light
- Two types of batteries (lithium-ion and AA) provide the combined benefits of rechargeable and replaceable batteries
- Simple charging of the lithiumion battery via magnetic USB cable
- Innovative mounting system allows for simple removal and positioning of the lamp head for maximum flexibility
- Advanced focus system for easy and intuitive adjustment of the light beam
- Helmet mounting options: Rubber-coated head strap, adhesive mounting material

TECHNICAL DATA	
Weight incl. batteries [g]	139
Material	PC, PC + ABS
Headband color	Black/Yellow
Headband type	Side Overhead
Head movement type	Stepless Movement
Head movement angle [°]	50
Headband specifications	Washable, Elastic, Detachable, Rubberised Back

POWER SUPPLY	
Power source type	
Battery quantity	1
Rechargeable	Yes
Battery type	Lithium-ion
Total battery voltage [V]	3.7
Total battery capacity [mAh]	1550
Total battery energy [Wh]	5.735 Wh
Battery replaceable	Yes
Charging time [min]	270
Useable batteries	,

POWER SUPPLY	
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	

LIGHT SOURCE	
Amount LEDs	1
LED type	XPL
Color	Cool White
Color temperature [K]	6000 to 7500
Color rendering index (CRI)	70

LIGHT VALUES				
	Boost	Power	Mid power	Low power
Light output [lm]	600	220	120	20

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LIGHT VALUES				
Beam distance [m]	200	140	100	40
Run time [h]	-	3	8	40
SWITCH				
Front Switch				

FEATURES
Transportation Lock, Green Light, Blue Light, Red Reading Light
TECHNOLOGIES
Advanced Focus System, Smart Light Technology, Rapid Focus, Cooling Technology, Dual Power Source, Magnetic Charge System

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PACKAGING AND LOGISTICS

PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	Helmet Connecting Kit Type E, Li-Ion Rechargeable Battery Pack 1550 mAh, Magnetic Charging Cable Type A
Item No.	502023
Color	Yellow
MSRP price (€)	99.9

SINGLE PACKAGE

Dimensions W x H x D [cm]	15 x 12 x 8.5
Gross weight [g]	352
GTIN-13	4058205015967

OUTER PACKAGE

Unit	6
Dimensions W x H x D [cm]	38 x 18.5 x 15.8
Gross weight [g]	2315
GTIN-13	4058205015974

EXPORT CARTON

Unit	24
Dimensions W x H x D [cm]	39.5 x 34.5 x 39.5
Gross weight [g]	10.3
GTIN-13	4058205015981

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ACCESSORIES

PRODUCT CATEGORY	ITEM NO.	PRODUCT NAME	PRICE
Batteries & Accumulators	500987	Li-Ion Rechargeable Battery Pack 1550 mAh	17.90 €
Portable Energy	502093	Powercase	49.90 €
Mounts & Brackets	502221	Helmet Connecting Kit Type E	9.90 €
Mounts & Brackets	502223	Helmet Connecting Kit Type G	14.90 €
Mounts & Brackets	502313	Helmet Band Fixing Clip Type A	4.90 €
	502271	USB Adapter 2.4A	14.90 €
Chargers & Cables	0380	USB Car Charger	9.90 €

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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.