



— PRODUCT DATA SHEET

NEO9R



NEO9R

PRODUCT DESCRIPTION

The NEO9R is the absolute powerhouse among trailrunning headlamps. Whether cross-country, uphill or downhill – thanks to its extreme power and endurance, the NEO9R is a true legend out on the trails. The superior light image ensures precise short-range and long-range illumination at all times. The particularly powerful, replaceable battery with integrated rear light sits at the back of the head for optimum weight distribution and can be charged easily and quickly via magnetic contact.



- Extremely powerful trailrunning headlamp with outstanding light image; multiple adaptable light sources provide perfect separated short-range and long-range illumination at all times
- Ergonomic design with removable overhead strap for perfect fit and wearing comfort during outdoor activities; included chest belt as additional attachment option
- Tilting lamphead for individual adjustment of the light cone
- 360° visibility thanks to red flashing rear light and reflective headband
- Extremely powerful, replaceable battery; rechargeable via Magnetic Charge System with status LED

TECHNICAL DATA	
Weight incl. batteries [g]	199
Material	PC
Headband type	Side Overhead
Head movement type	Stepless Movement
Head movement angle [°]	45
Headband specifications	Reflecting, Elastic
POWER SUPPLY	
Power source type	
Battery quantity	1
Rechargeable	Yes
Battery type	Lithium-ion
Total battery voltage [V]	3.7
Total battery capacity [mAh]	5000
Total battery energy [Wh]	18.5 Wh
Battery replaceable	Yes
Charging time [min]	330
Energy status indicator	Charge Indicator, Battery Indicator, Low Battery Warning

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				
LIGHT SOURCE	MAIN			
Amount LEDs	3			
LED type	-			
Color	Cool White			
Color temperature [K]	5200 to 6200			
Color rendering index (CRI)	70			
LIGHT VALUES - Main				
	Boost	Power	Mid power	Low power
Light output [lm]	1200	600	200	20
Beam distance [m]	200	120	60	5
Run time [h]	-	5	12	120

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SWITCH

Front

FEATURES

Rear Light, Transportation Lock, Backup Mode

TECHNOLOGIES

Temperature Control System, Magnetic Charge System, Fusion Beam

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PACKAGING AND LOGISTICS

PACKAGING INFORMATION	
Type of packaging	Box
Scope of delivery	Magnetic charging cable (USB-C), Comfort Pad - Neo, Chest belt (Illustrative image only)
Item No.	502715
Color	Black/Blue
MSRP price (€)	115
SINGLE PACKAGE	
Dimensions W x H x D [cm]	14.5 x 8.5 x 8.5
Gross weight [g]	380
GTIN-13	4058205030021
EXPORT CARTON	
Unit	24
Dimensions W x H x D [cm]	38 x 34.5 x 29.5
Gross weight [g]	9.82
GTIN-13	4058205030014

PACKAGING INFORMATION	
Type of packaging	Box
Scope of delivery	Magnetic charging cable (USB-C), Comfort Pad - Neo, Chest belt (Illustrative image only)
Item No.	502324
Color	Black/Gray
MSRP price (€)	115
SINGLE PACKAGE	
Dimensions W x H x D [cm]	14.5 x 8.5 x 8.5
Gross weight [g]	380
GTIN-13	4058205024167
EXPORT CARTON	
Unit	24
Dimensions W x H x D [cm]	38 x 34.5 x 29.5
Gross weight [g]	9.82
GTIN-13	4058205024143

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ACCESSORIES

PRODUCT CATEGORY	ITEM NO.	PRODUCT NAME	PRICE
Batteries & Accumulators	502823	18650-2P Li-Ion Rechargeable Battery Pack	39.90 €
Mounts & Brackets	502732	NEO Run Belt	29.90 €
Chargers & Cables	502929	USB-C Adapter 20W	19.90 €
Chargers & Cables	502265	Magnetic Charging Cable Type A	6.90 €
Bags & Holsters	0332	Pouch Type H	12.90 €

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SPARE PARTS

PRODUCT CATEGORY	ITEM NO.	PRODUCT NAME	PRICE
Chargers & Cables	SP502713_CC	Charging Cable USB-C to Magnetic - NEO / HF	6.90 €

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PRODUCT SERIES

More compact, lighter, faster: the new NEO series from Ledlenser provides you with the perfect light to get the best out of yourself in the dark. Your NEO headlamp is your partner on the way to your next destination - whether running on and off the trails, skating, parcours or other fast sports that require customized lighting. The headlamps in the NEO series are optimized down to the last detail for their intended use - from the perfect, precise light image and clever lighting functions to their weight and size. The next night run can come!

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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.