



— PRODUCT DATA SHEET

NEO1R



PRODUCT DESCRIPTION

The NEO1R combines minimalism with power. This ultra-compact headlamp fits in any pocket and proves itself as a versatile, sporty companion. Thanks to its great lumens-per-gram ratio and a custom-made light pattern for fast activities, it is much more than a backup light. The modern look, the tilting lamphead, the additionally available red light and the practical Magnetic Charge System make NEO1R the perfect headlamp for any activity where minimal weight combined with great performance counts.



- Ultra-light (39 g) but powerful (250 lm) headlamp
- Perfect light pattern for fast-paced activities providing precisely blended short-range and long-range illumination
- Additional red light as a signal light and to maintain night vision capability
- Minimalist reflective headband provides high comfort and added safety
- Quick and easy battery charging via Magnetic Charge System with status LED

TECHNICAL DATA	
Weight incl. batteries (g)	39
Material	PC
Headband type	Side
Head movement type	Stepless Movement
Head movement angle [°]	45
Headband specifications	Washable, Reflecting, Elastic, Detachable
POWER SUPPLY	
Battery quantity	1
Rechargeable	Yes
Battery type	Lithium-ion
Total battery voltage [V]	3.7
Total battery capacity [mAh]	730
Total battery energy [Wh]	2.701 Wh
Battery replaceable	No
Charging time [min]	180
Energy status indicator	Low Battery Warning, Charge Indicator, Battery Indicator
FURTHER SPECIFICATIONS	
IP class	IP67
Drop test (drop height) [m]	2
Working temperature range [°C]	-20 to +40

LIGHT FUNCTIONS			
Cool White Main: Boost, Power, Low power			
LIGHT SOURCE		MAIN	
Amount LEDs		1	
Color		Cool White	
Color temperature [K]		5200 to 6200	
Color rendering index (CRI)		70	
LIGHT VALUES - Cool White Main			
	Boost	Power	Low power
Light output [lm]	250	150	20
Beam distance [m]	80	50	15
Run time [h]	-	3	15
SWITCH			
Front Switch			
FEATURES			
Red Light, Transportation Lock, Backup Mode			
TECHNOLOGIES			
Temperature Control System, Magnetic Charge System			

PACKAGING AND LOGISTICS

PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	Magnetic charging cable (USB-C)
Item No.	502713
Color	Black/Blue
MSRP price (€)	46,90

SINGLE PACKAGE

Dimensions W x H x D [cm]	14.5 x 8.5 x 8.5
Gross weight [g]	197
GTIN-13	4058205029971

EXPORT CARTON

Unit	24
Dimensions W x H x D [cm]	38 x 34.5 x 29.5
Gross weight [g]	5.43
GTIN-13	4058205029964

PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	Magnetic charging cable (USB-C)
Item No.	502712
Color	Black/Gray
MSRP price (€)	46,90

SINGLE PACKAGE

Dimensions W x H x D [cm]	14.5 x 8.5 x 8.5
Gross weight [g]	197
GTIN-13	4058205029957

EXPORT CARTON

Unit	24
Dimensions W x H x D [cm]	38 x 34.5 x 29.5
Gross weight [g]	5.43
GTIN-13	4058205029940

PACKAGING AND LOGISTICS

PACKAGING INFORMATION	
Type of packaging	Box
Scope of delivery	Magnetic charging cable (USB-C)
Item No.	502720
Color	White/Lime
MSRP price (€)	46,90

SINGLE PACKAGE	
Dimensions W x H x D [cm]	14.5 x 8.5 x 8.5
Gross weight [g]	197
GTIN-13	4058205030168

EXPORT CARTON	
Unit	24
Dimensions W x H x D [cm]	38 x 34.5 x 29.5
Gross weight [g]	5.43
GTIN-13	4058205030151

ACCESSORIES

PRODUCT CATEGORY	ITEM NO.	PRODUCT NAME	PRICE
Bags & Holsters	0332	Pouch Type H	12.90 €
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 €

SPARE PARTS

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

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!

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.