LEDLENSER

— PRODUCT DATA SHEET
NEO1R

NEO1R

PRODUCT DESCRIPTION

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

Head diameter [mm]	48
Weight incl. batteries [g]	39
Weight without batteries [g]	27
Focus function	No
Head material	PC
Tube material	PC
Optic	Plastic lense (PMMA)
Headband material	Elastic fabric
Headband type	Side headband
Head movement type	Stepless movement
Head movement angle [°]	45
Headband specifications	Detachable, Elastic, Washable, reflecting

POWER SUPPLY

Power source type	Rechargeable battery
Battery quantity	1
Battery type	Li-ion
Battery replaceable	No
Total battery voltage [V]	3.7
Total battery capacity [mAh]	730
Total battery energy[2] [Wh]	2.7
Rechargeable	Yes
Charging time[5] [min]	180
Energy status indicator	Battery Indicator, Charge Indicator, Low Battery Warning

FURTHER SPECIFICATIONS

IP class	IP67
Drop test (drop height) [m]	2
Working temperature range [°C]	–20 to +40

LIGHT FUNCTIONS

Boost, Power, Low Power

LIGHT SOURCE

Amount LEDs	1
LED type	High Power LED
Color	White
Color temperature [K]	5200 to 6200
Color rendering index (CRI)	70

LIGHT VALUES

ANSI – Energy Saving	Boost	Power	Mid Power	Low Power
Light output[1] [lm]	250	150		20
Beam distance[1] [m]	80	50		15
Run time[1] [h]		3		15

SWITCH

Front Switch

FEATURES

Red Light, Transportation lock , Backup Mode

TECHNOLOGIES

Temperature Control System, Magnetic Charge System

LEDLENSER

NEO1R

PACKAGING AND LOGISTICS

Exemplary Packaging Illustration

Exemplary Packaging Illustration

PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	1 set of rechargeable batteries, Magnetic charging cable (USB-C)
Item No.	502712
Customs tariff number	85131000000
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 D x H [cm]	38 x 29.5 x 34.5
Gross weight [kg]	5.43
GTIN-13	4058205029940

PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	1 set of rechargeable batteries, Magnetic charging cable (USB-C)
Item No.	502713
Customs tariff number	85131000000
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

INNER CARTON

EXPORT CARTON

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

LEDLENSER

NEO1R

PACKAGING AND LOGISTICS

Exemplary Packaging Illustration

PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	1 set of rechargeable batteries, Magnetic charging cable (USB-C)
Item No.	502720
Customs tariff number	85131000000
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 D x H [cm]	38 x 29.5 x 34.5
Gross weight [kg]	5.43
GTIN-13	4058205030151

LEDLENSER

NEO1R

ACCESORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME	MSRP
Pouches / Holster	0332	Pouch Type H	12.90 €
Fastenings / Brackets	502732	NEO Run Belt	29.90 €
Charger / Cable	502929	USB-C Adapter 20W	19.90 €
Charger / Cable	502265	Magnetic Charging Cable Type A	6.90 €

LEDLENSER
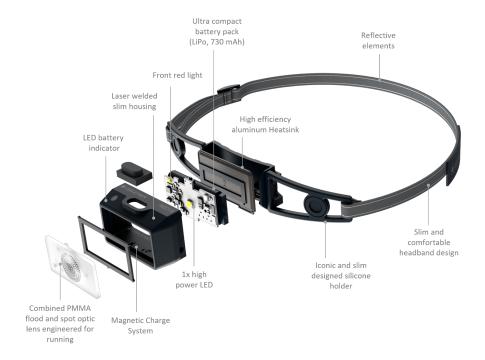
NEO1R

PRODUCT SERIES

Lighter, smaller, faster: the new Ledlenser NEO series provides you with the perfect light to bring out the best in you during fast-paced activities in the dark. Your NEO headlamp is your partner on the way to your next goal – no matter whether you run on or off the trails, skate, parkour or practice other fast-paced sports where customized lighting is essential. The headlamps of the NEO series are optimized in every detail for their intended use – from the perfect light image and clever light functions to weight, size and sophisticated details. Let the run begin!

Ultra compact battery pack (LiPo, 730 mAh)

Reflective elements

Front red light

Laser welded slim housing

High efficiency aluminum Heatsink

LED battery indicator

1x high power LED

Slim and comfortable headband design

Iconic and slim designed silicone holder

Combined PMMA flood and spot optic lens engineered for running

Magnetic Charge System

LEDLENSER

NEO1R

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) Measurement values according to ANSI FL1 in the respective setting. 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/hrs/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 is equipped with (a) colored LED(s), the measurement values are given for the white light or the white LED. If the light has different energy modes, the measurement is made based on the "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.

5) Charging time varies by hardware used.

LEDLENSER