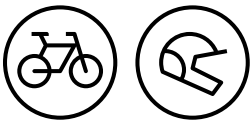


Product data sheet XE019R



Key selling points

- **Economical and ecological** – Rechargeable
- **Excellent Ledlenser lighting quality** – Brightness, beam distance and lighting duration are ideally coordinated for the energy source
- **Differentiated, detail-true illumination** – Two separate, separately focusable LED light cannons
- **Sensational lighting performance** – Up to 300 meters¹ beam distance with up to an enormous 2,000 lumen¹ of luminous flux
- **Extremely long operating time** – Up to 20 hours¹ in the lowest setting
- **Multi-functional and very versatile in use** – Thanks to the comprehensive accessories included in the scope of delivery, the unit may be used as head or helmet lamp, hand-held lamp or flashlight. It may be mounted to a tripod to form a spotlight or used as lighting for the GoPro
- **Added value** – Battery pack may also be used as a practical power bank
- **Timely recharging** – Power Box (battery pack) with integrated charging status display
- **Flexible handling** – Battery pack can be worn separately thanks to extension cable
- **Simple to operate** – Use the 5-way front switch to quickly switch to the individual light functions
- **Individual headlamp adaptation to the current usage situation** – Smart Light Technology. The user selects the appropriate light from the 5 lighting functions (Boost, Power, Low Power, Blink and Emergency).
- **From the homogeneous circle of close range lighting (defocused) to a sharply bundled long-distance beam (focused)** – The patented³ Advanced Focus System with reflector lense enables efficient, tailored lighting
- **The precise synchronization of two or more reflector lenses strengthens the advantages of our Advanced Focus System and enables independent focusing of the lenses** – X-LENS Technology^{Pro}
- **Quick changes can be made to the two light cones using a single regulator** – Rapid Focus[®]
- **Situational, automatic adaptation of light** – OPTISENSE[™] Technology (Auto dim)
- **No heat development on the head** – Integrated cooling system ensures best performance
- **Increased cooling and brighter light at higher speeds** – SPEED COOLING
- **No accidental switch on** – Transportation lock
- **Even with low temperatures, best possible battery utilization** – Neoprene battery bag included in the scope of delivery
- **Reliable even with extreme temperatures** – Working temperature range from -10 °C to +50 °C
- **Protection against intensive jet spray** – IPX6
- **Available in three colors** – Minimalistic design
- **For a long lamp lifetime** – High-quality manufacturing of housing with robust tilt mechanism for the lamp head

Specifications

Timeline	
Earliest launch of sales	2015-06-01
Global launch date	2015-06-01
Shipping date	2015-05-01
Order date	2015-04-01

Technical Data	
Head diameter [mm]	38.2
Weight incl. batteries [g]	478
Weight without batteries [g]	193
Focus function	yes
Head material	PC+ABS
Housing material	PC+ABS
Optic	Lense PMMA
Headband material	Elastic fabric
Headband type	Side + overhead headband
Head movement type	stepped movement
Head movement angle [°]	98°
Headband specifications	Washable, elastic, detachable

Power Supply	
Power source type	Rechargeable Battery
Battery quantity	1
Battery type	Li-ion
Battery technology	4xNCR18650 Battery Pack 7.4V
Total battery voltage [V]	7.4
Total battery capacity [mAh]	5200
Total battery energy ² [Wh]	38.48
Rechargeable	yes
Charging time [min]	480
Charging technology	Internal
Energy modes	Energy Saving
Energy status indicator	Battery Indicator, Charge Indicator
Usable batteries	None

Further Technical Specifications	
IP class	IPX6
Drop test (drop height) [m]	2
IK code [J]	-
Maximum operating depth [m]	-
ATEX zone	-
Working temperature range [°C]	-10 to 50°C

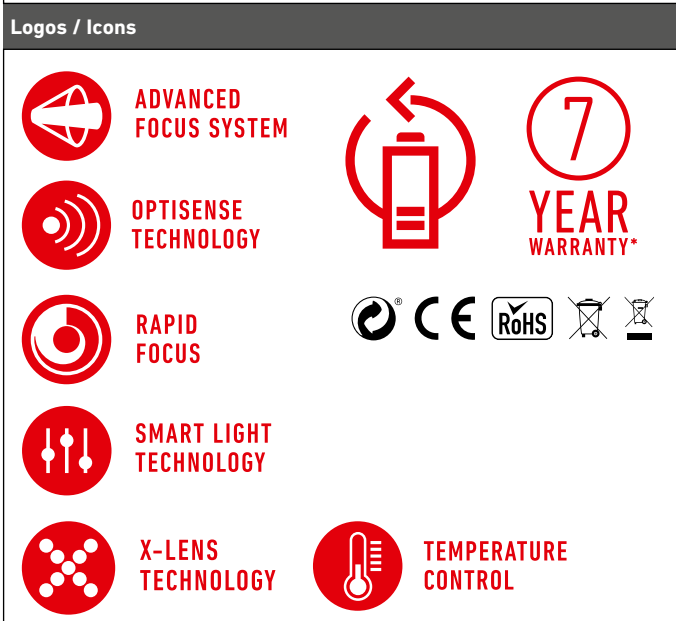
Light Function	
Boost, Power, Low Power, Blink, Emergency Light	
Light Source	
Amount LEDs	2
LED type	Xtreme LED
Color	White
Color temperature [K]	6.000 to 8.000
Color rendering index (CRI)	65

Light Values				
	Boost	Power	Mid Power	Low Power
Light output ¹ [lm]	2000	1000	1000	200
Beam distance ¹ [m]	300	220	220	100
Run time ¹ [h]	4	8	8	20

Switch	
Front Switch	

Features	
Transportation Lock, Power Bank Function	

Technologies	
Advanced Focus System, Optisense Technology, Rapid Focus, Smart Light Technology, X-Lens Technology, Temperature Control System	



Packing and logistics



Packaging Information	
Type of packaging	Blister
Scope of delivery	power supply, extension cable, adaptor cable, brush, cleaning cloth, helmet connecting kit, PowerBox pouch, 1 set of rechargeable batteries
Item No.	7319-R
Customs tariff number	85131000
MSRP price (€)	239,-

Single Package	
Dimensions W x H x D [mm]	135 x 205 x 105
Gross weight [g]	1068
Net weight [g]	-
GTIN-13	4029113731959

Inner Carton	
Unit	-
Dimensions L x W x H [mm]	-
Gross weight [g]	-
Net weight [g]	-
GTIN-13	-

Export Carton	
Unit	6
Dimensions L x W x H [mm]	386 x 335 x 220
Gross weight [kg]	7.8
Net weight [kg]	6.41
GTIN-13	4029113731973

Accessories

Item No.	Product Name
0386	Car Charger
0400	GoPro Adapter
0401	Tripod Adapter Type A
0402	Helmet Connecting Kit Type C
0404	Bike Mounting Bracket Type B
0405	Intelligent Clip PowerBox
0413	USB Adapter Cable
500831	XEO PowerBox including Bag



Packaging Information	
Type of packaging	Soft Case
Scope of delivery	brush, cleaning cloth, adaptor cable, power supply, extension cable, belt clip, GoPro accessories connector, bike connector, PowerBox bike connector, tripod connector, helmet connecting kit, 1 set of rechargeable batteries, Power-Box pouch
Item No.	7219-R
Customs tariff number	85131000
MSRP price (€)	279,-

Single Package	
Dimensions W x H x D [mm]	257 x 183 x 118
Gross weight [g]	1272
Net weight [g]	-
GTIN-13	4029113721905

Inner Carton	
Unit	-
Dimensions L x W x H [mm]	-
Gross weight [g]	-
Net weight [g]	-
GTIN-13	-

Export Carton	
Unit	6
Dimensions L x W x H [mm]	391 x 303 x 392
Gross weight [kg]	9.2
Net weight [kg]	7.63
GTIN-13	4029113721929

Packing and logistics



Packaging Information	
Type of packaging	Blister
Scope of delivery	power supply, extension cable, adaptor cable, brush, cleaning cloth, PowerBox pouch, helmet connecting kit, 1 set of rechargeable batteries
Item No.	7319-RW
Customs tariff number	85131000
MSRP price (€)	239,-

Single Package	
Dimensions W x H x D [mm]	135 x 205 x 105
Gross weight [g]	1068
Net weight [g]	-
GTIN-13	4029113731980

Inner Carton	
Unit	-
Dimensions L x W x H [mm]	-
Gross weight [g]	-
Net weight [g]	-
GTIN-13	-

Export Carton	
Unit	6
Dimensions L x W x H [mm]	386 x 335 x 220
Gross weight [kg]	7.8
Net weight [kg]	6.41
GTIN-13	4029113731904

Accessories

Item No.	Product Name
0386	Car Charger
0400	GoPro Adapter
0401	Tripod Adapter Type A
0402	Helmet Connecting Kit Type C
0404	Bike Mounting Bracket Type B
0405	Intelligent Clip PowerBox
0413	USB Adapter Cable
500831	XEO PowerBox including Bag



Packaging Information	
Type of packaging	Soft Case
Scope of delivery	adaptor cable, brush, power supply, cleaning cloth, extension cable, belt clip, GoPro accessories connector, tripod connector, helmet connecting kit, 1 set of rechargeable batteries, PowerBox pouch
Item No.	7219-RW
Customs tariff number	85131000
MSRP price (€)	279,-

Single Package	
Dimensions W x H x D [mm]	257 x 183 x 118
Gross weight [g]	1272
Net weight [g]	-
GTIN-13	4029113721936

Inner Carton	
Unit	-
Dimensions L x W x H [mm]	-
Gross weight [g]	-
Net weight [g]	-
GTIN-13	-

Export Carton	
Unit	6
Dimensions L x W x H [mm]	391 x 303 x 392
Gross weight [kg]	9.2
Net weight [kg]	7.63
GTIN-13	4029113721950

Packing and logistics



Packaging Information	
Type of packaging	Blister
Scope of delivery	power supply, extension cable, adaptor cable, brush, cleaning cloth, helmet connecting kit, PowerBox pouch, 1 set of rechargeable batteries
Item No.	7319-RG
Customs tariff number	85131000
MSRP price (€)	239,-

Single Package	
Dimensions W x H x D [mm]	135 x 205 x 105
Gross weight [g]	1068
Net weight [g]	-
GTIN-13	4029113731911

Inner Carton	
Unit	-
Dimensions L x W x H [mm]	-
Gross weight [g]	-
Net weight [g]	-
GTIN-13	-

Export Carton	
Unit	6
Dimensions L x W x H [mm]	386 x 335 x 220
Gross weight [kg]	7.8
Net weight [kg]	6.41
GTIN-13	4029113731935

Accessories

Item No.	Product Name
0386	Car Charger
0400	GoPro Adaptor
0401	Tripod Adaptor Type A
0402	Helmet Connecting Kit Type C
0404	Bike Mounting Bracket Type A
0405	Intelligent Clip PowerBox
0413	USB Adapter Cable
500831	XEO PowerBox including Bag



Packaging Information	
Type of packaging	Soft Case
Scope of delivery	adaptor cable, brush, power supply, cleaning cloth, extension cable, belt clip, GoPro accessories connector, helmet connecting kit, bike connector, PowerBox bike connector, tripod connector, helmet connecting kit, 1 set of rechargeable batteries, PowerBox pouch
Item No.	7219-RG
Customs tariff number	85131000
MSRP price (€)	279,-

Single Package	
Dimensions W x H x D [mm]	257 x 183 x 118
Gross weight [g]	1272
Net weight [g]	-
GTIN-13	4029113721967

Inner Carton	
Unit	-
Dimensions L x W x H [mm]	-
Gross weight [g]	-
Net weight [g]	-
GTIN-13	-

Export Carton	
Unit	6
Dimensions L x W x H [mm]	391 x 303 x 392
Gross weight [kg]	9.2
Net weight [kg]	7.63
GTIN-13	4029113721981

Marketing

Series Copy

Dim your light, not your expectations.

High-end for endless extremes - that's the best way to describe the XEO headlamps. With their high-quality casings, countless custom functions and a unique adjustment capability, they are perfect companions for those who don't wish to face out-of-the-ordinary situations with ordinary lights. But rather with the right one.

Product Copy

Customized for extremes.

This headlamp is a match for any challenge - and any challenger. Its two LED light cannons cannot just be turned on/off and focused separately. They also adjust automatically to the surrounding brightness. And this with an output of up to 2000 lm¹ and a maximum lighting range of 300 m¹ lighting range. Even better: Its rechargeable battery is also a power bank and its accessories transform the XEO19R into a headlamp or a floodlight in seconds.

Footnotes

¹Measured values in accordance with ANSI FL1 in the respective settings. If no setting is expressly stated, the values for luminous flux (lumens/lm) and lighting range (meters/m) refer to measurements on the brightest setting, and the values for battery life (hours/hrs) refer to measurements on the lowest setting. A boost function (if available) can be used several times, but only for short periods of time. If the light has different energy modes, the „energy saving mode“ is the basis for measurement.

²Calculated value of capacity in watt-hours (Wh). This applies to the delivery state of the battery(-ies) contained in the respective item, or if it is a light with (a) rechargeable battery(-ies), then to the item's rechargeable battery(-ies) when fully charged.

³EP Patent 1880139; US Patent 7,461,960

⁴7-year warranty only with registration, otherwise it is 5 years.
Conditions at [ledlenser.com/warranty](https://www.ledlenser.com/warranty).

Note

The information provided regarding package contents, appearance, performance, dimensions and weight correspond to available knowledge at the time of publication. Within the scope of enhancement, we reserve the right to change the package contents, appearance, design and color without prior notice. The product images might differ from the actual appearance of the products and may display optional accessories which can be purchased at an additional charge.