



2 - LEDLENSER QUALITY

DISCOVER THE POWER OF LIGHT.



We create light. Even in the farthest, darkest corner of the world. Our products are symbols of uncompromising quality, breathtaking design and performance that exceed all expectations.

Ledlenser quality. Engineered in Germany.

To us, "Engineered in Germany" is not an empty rhetoric - it means we have the highest standards in innovation, materials, technology, workmanship, design and sustainability.

We develop all of our products and put them to the test. Only those which can endure extreme conditions will bear our name. And since we are confident in the quality of our products, all Ledlenser lights are covered by a warranty⁴ of up to seven years (product registration required), which far exceeds the average year warranty.

OVERVIEW

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4 - TECHNOLOGIES

-LEDLENSER **TECHNOLOGIES**.

Having the leading edge comes down to the best technology. From innovative lenses to pioneering power supplies – we work tirelessly to advance our technological edge. Which is why we already have over 100 patents, utility models, designs and brands. The highlights:



ADVANCED FOCUS SYSTEM

Galileo swore by the power of lenses; Newton by the power of reflectors. We have simply combined the two technologies – only better than anyone before. The result: our patented³ Advanced Focus System (AFS), which allows a seamless transition from homogeneous low beam to sharply focused high beam. The efficiency of the AFS even has experts thrilled.



NATURAL LIGHT

In some situations, not all light is the same. Ledlenser therefore not only supplies extremely bright, but also extremely natural light: Natural Light produces light with a color rendering index (CRI) over 90. This ensures true color rendering, even in the deep red color range.



FLOATING CHARGE SYSTEM

Wireless charging: With the Floating Charge System, which can be wall-mounted, and the magnetic charging cable the light is ready to use with a mere flick of the wrist. In addition to USB charging, with an adapter the system can also be plugged into standard outlets or connected to cigarette lighter plugs in cars.



SAFETY YTRION CELL

A Safety Ytrion Cell is considerably lighter than a nickel-metal hydrid battery and charges up to five times faster than a lithium-ion battery. Plus it overs more than 5,000 charge cycles with virtually zero capacity loss due to "memory effect".



SMART LIGHT TECHNOLOGY (SLT)

This innovation makes your Ledlenser a personal lighting tool: A micro-controller allows for the programming of your individual range of features by using various touch and switch combinations. That way, you always have the perfect light mode at hand.



EMERGENCY LIGHT

This feature turns your flashlight into an emergency light: If the power goes out while your Ledlenser is in the charging base, it will automatically turn on. So the light helps you to find your bearings and then e.g. find the fuse box.



WIDE BEAM

Our wide beam format takes into account that the human field of vision is around 180° degrees horizontally and only around 130° degrees vertically. The oval shape of the light and the wide beam technology makes things twice as safe: You don't only see more, but are also seen from every angle.



OPTISENSE TECHNOLOGY

Whether it's dusky, shaded, dim or pitch-black: Thanks to Optisense Technology, your Ledlenser automatically adapts to the present light conditions. The innovative dimmer controls the brightness based on the reflection of its own light without annoying glare.



RAPID FOCUS

When you focus and defocus the flashlight or headlamp, our reflector lens moves in relation to the LED. To make this process as fast and ergonomic as possible for users we developed Rapid Focus: a single-hand operated mechanism used to change the light mode at lightning speed.



TEMPERATURE CONTROL

Hard work leaves our lights cold: Thanks to the intelligent and fully automated temperature control, a Ledlenser never gets too hot, no matter how much you use it. This protects you from burns and the LED from overheating.



X-LENS TECHNOLOGY

This technology is an enhancement of the Advanced Focus System (AFS). It can merge virtually any number of reflector lenses and synchronizes their individual light beams into a perfect beam. The result is a high-grade, homogeneous floodlight in unfocused mode and our most sharply focused high beam to date.

LEDLENSER LIGHT MODES.



BOOST

A temporary burst of light.



STROBE

Quick flashes of light with an irritating blinding effect for emergency situations.



POWER

A bright light for any situation.



BLINK

Automatically emits light pulses at regular intervals.



MID POWER

Sufficient light output for extended battery life..



POSITION

Regular light pulses at longer intervals for position-marking.



LOW POWER

Economical light for long battery life, glare-free reading and working.



S.0.S.

The distress signal the light emits is SOS in Morse code (3x short, 3x long, 3x short).



8 – LEDLENSER INDUSTRIAL RANGE

BUILT FOR PRÉCISION AND PROFESSIONALISM: THE LEDLENSER INDUSTRIAL RANGE.

The "i" in "i-Series" is for industry. Developed especially for hard and demanding jobs, the lights in the i-Series are sturdy and functional companions. They have simple handling, the price is impressive and for rechargeable models they combine sustainability with power. There are therefore many reasons why this series is the first choice for countless tradespeople, electricians and industrial workers.





−i18R 🆫





A NEW ADDITION WHICH WILL QUICKLY BECOME INDISPENSABLE.





- **01** The extreme beam distance ensures obstacles and hazards are seen far in advance.
- **02** X-Lens technology turns three LED's into a focused beam for maximum light output.
- 03 Rapid Focus for quick single-hand operation when it matters.
- 04 Up to 96 hour battery life makes it perfect for long use1.
- 05 Additional front and rear guards protect the light in extreme applications.

TRUE LED WORKHORSES.

i18R 🗞



i17R ♠



LED	Maxmin.	Maxmin.
LED-configuration	3x Xtreme LED	1x Xtreme LED
Luminosity (lm)¹	3000-30	1000-100
Beam distance (m) ¹	540-80	450-150
Run time (h) ¹	96–5	60-8
BATTERY AND CASING		
Battery	3 x 18650 battery pack Li-lon rechargeable battery	2×32700 battery pack LiFePO4 rechargeable battery
Operating Temperature Range	-20 °C to +40 °C	-20 °C to +40 °C
Water Resistance	IPX4	IPX4
Rechargeable	Yes	Yes
SIZE AND WEIGHT		
Head diameter	86 mm	53 mm
Length (defocused)	171 mm	290 mm
Weight including battery	620 g	715 g
TECHNOLOGY		
Advanced Focus System	•	•
Smart Light Technology	•	•
Rapid Focus	•	•
X-Lens Technology	•	
Temperature Control	•	•
Floating Charge System		•
Safety Ytrion Cell		•
Emergency Light		•

Natural Light >90 CRI / 4000 K

—i9R iron CRI 🆫



only 2 h.

THE PACKAGING COUNTS. EVEN IN DAYLIGHT.







- $\bf 01$ Natural Light Technology ensures natural colors with a CRI of over $\bf 90$ perfect for quality control.
- 02 Impressive beam distance and up to 25 hour¹ run time.
- 03 Patented3 Advanced Focus System for quick light cone adjustment.
- 04 Rapid Focus for ease of use with only one hand.
- 05 High quality professional flashlight with natural color rendering.



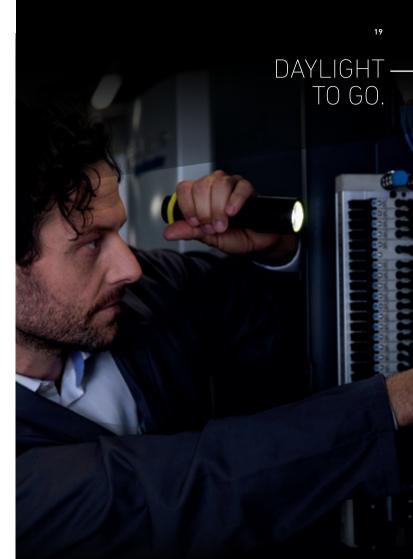
i9R iron CRI 🗞







LED	Maxmin.	Maxmin.
LED-configuration	1x High Power LED	1x High Power LED
Luminosity (lm)¹	500 - 40	300 - 40
Beam distance (m) ¹	270-80	240-90
Run time (h)1	35–6	25-4
BATTERY AND CASING		
Battery	1x 26650, LiFePO4 rechargeable battery	2x baby (C), Alkaline
Operating Temperature Range	-20 °C to +40 °C	-20 °C to +40 °C
Water Resistance	IPX4	IPX4
Rechargeable	•	
SIZE AND WEIGHT		
Head diameter	39 mm	39 mm
Length (defocused)	159,5 mm	187 mm
Weight including battery	255 g	312 g
TECHNOLOGY		
Advanced Focus System	•	•
Smart Light Technology		
Rapid Focus	•	•
X-Lens Technology		
Temperature Control		•
Floating Charge System		
Safety Ytrion Cell		•
Emergency Light		
Natural Light >90 CRI / 4000 K	•	•



- i7R | i7R DR (\$\frac{1}{2}\) SPEED CHARGINGS At 100 % charge after





¹ Information on page 50.

POWER THROUGH. OVER AND OVER AGAIN.

The Ledlenser i7R is either available with a single-charger design, which includes one rechargeable battery, or a double-charger design with two rechargeable batteries that can be charged simultaneously.

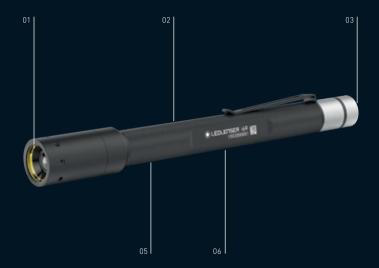


- 01 Superb light output up to 180 meter¹ beam distance and a luminous flux of up to 220 lumen¹.
- 02 Quickly change the light beam using one hand Rapid Focus.
- 03 Focus Lock fixes the present degree of focus in place.
- 04 Easy to operate use the Dynamic Switch on the end cap to quickly switch into Power or Low Power mode.
- 05 Protected against splashing water IPX4.
- 06 Secure handle special grooved diamond surface for oily or wet hands.
- 07 Economic and sustainable rechargeable

	i9R iron 🗞	i9R ⊕	i9	i7R I i7R DR 👵	i7
			(
LED	Maxmin.	Maxmin.	Maxmin.	Maxmin.	Maxmin.
LED configuration	1x Xtreme LED	1x High Power LED	1x High Power LED	1x Power LED	1x High Power LED
Luminosity (lm) ¹	700–40	400 - 40	400 - 40	220–25	220-25
Beam distance (m) ¹	280-80	260-80	260-40	180-60	180-60
Run time (h)1	35-6	20–3	25-4	30-4	35–5
BATTERY AND CASING					
Battery	1x 26650, LiFePo4 rechargeable battery	2xBaby (C), NiMH rechargeable battery	2x Baby (C), alkaline	4 x AAA, NiMH rechargeable batteries	4 x AAA, alkaline
Operating Temperature Range	-20 °C to +40 °C	-20 °C to +40 °C	-20 °C to +40 °C	-20 °C to +40 °C	-20 °C to +40 °C
Water Resistance	IPX4	IPX4	IPX4	IPX4	IPX4
Rechargeable	•	•		•	
SIZE AND WEIGHT					
Head diameter	39 mm	39 mm	39 mm	36,5 mm	36,5 mm
Length (defocused)	160 mm	187 mm	187 mm	130 mm	130 mm
Weight including battery	255 g	330 g	330 g	175 g	175 g
TECHNOLOGY					
Advanced Focus System	•	•	•	•	•
Smart Light Technology					
Rapid Focus	•	•	•	•	•
X-Lens Technology					
Temperature Control	•	•		•	•
Floating Charge System					
Safety Ytrion Cell	•				
Emergency Light					

Natural Light > 90 CRI / 4000 K

— i6R | i6ER ♠





1 Information on page 50.

RECHARGED LONG BEFORE YOUR NEXT SHIFT.





- 01 Excellent Ledlenser beam quality brightness, beam distance and run time are perfectly harmonized with the energy source.
- 02 Always handy the charging base is also a convenient lamp holder.
- 03 Easy to operate use the switch on the end cap to quickly switch into Power or Low Power mode.
- 04 The first rechargeable penlight by Ledlenser.
- **05** Quickly ready for use fully charged in just 3 hours.

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LED	Maxmin.	Maxmin.	Maxmin.	Maxmin.	Maxmin.
LED configuration	1x Power LED	1x Power LED	1x Power LED	1x Power LED	1x Power LED
Luminosity (lm)¹	i6R: 120-10 i6ER: 60-10	140-10	i5: 80 i5E: 25	120-10	105
Beam distance (m) ¹	i6R: 100-30 i6ER: 80-30	120 - 30	i5: 110 i5E: 70	80 - 20	170
Run time (h)¹	i6R: 25-4 i6ER: 25-8	25–5	i5: 4 i5E: 20	20–4	3,5
BATTERY AND CASING					
Battery	3x AAA, NiMH rechargeable batteries	3 x AAA, alkaline	1 x AA, alkaline	2 x AAA, alkaline	3 x AAA, alkaline
Operating Temperature Range	-20 °C to +40 °C	-20 °C to +40 °C	-20 °C to +40 °C	-20 °C to +40 °C	-20 °C to +40 °C
Water Resistance	IPX4	IPX4	IPX4	IPX4	IPX4
Rechargeable	•				
SIZE AND WEIGHT					
Head diameter	18,5 mm	18,5 mm	i5: 18,5 mm i5E: 18,5 mm	15 mm	30 mm
Length (defocused)	170 mm	166 mm	i5: 108 mm i5E: 104 mm	140 mm	101,3 mm
Weight including battery	82 g	75 g	i <mark>5</mark> : 60 g i 5E : 57 g	55 g	110 g
TECHNOLOGY					
Advanced Focus System	•	•	•	•	•
Smart Light Technology					
Rapid Focus	•	•	•		•
X-Lens Technology					
Temperature Control					
Floating Charge System					
Safety Ytrion Cell					
Emergency Light					

Natural Light >90 CRI / 4000 K

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-iH8R





¹ Information on page 50

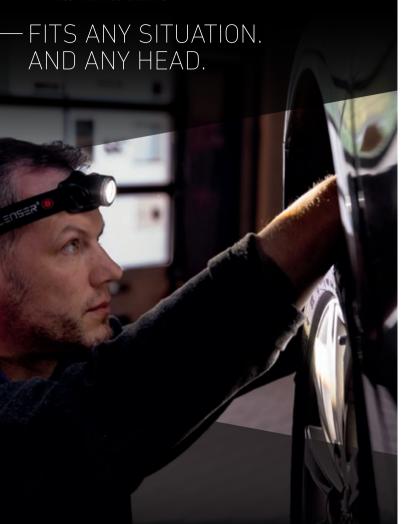
EXTREMELY COMFORTABLE TO WEAR – EVEN WITH A HELMET.





- 01 Extra focus ring included for ease of use, even with gloves.
- 02 Bright lightweight with 600 Lumen beam distance at only 158 g.
- 03 Extra long battery life for continuous duty.
- 04 The USB 3.0 charging system ensures quick charging and can be used anywhere.
- 05 Helmet Mounting set included to easily attach to the safety helmets.

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iH8R ♠

iH7R CRI 🗞





LED	Max.–min.	Max.–min.
LED configuration	1x Xtreme LED	1x High Power LED
Luminosity (lm)¹	600–10	220–15
Beam distance (m) ¹	150–20	150–40
Run time (h)1	120-10	30–4
BATTERY AND CASING		
Battery	1x 18650, Li-ion rechargeable battery	1x Li-ion polymer rechargeable battery
Operating Temperature Range	-20 °C to +40 °C	-20 °C to +40 °C
Water Resistance	IPX4	IPX4
Rechargeable	•	•
SIZE AND WEIGHT		
Head diameter	36 mm	38,2 mm
Weight including battery	158 g	478 g
TECHNOLOGY		
Advanced Focus System	•	•
Smart Light Technology	•	•
Rapid Focus	•	•
X-Lens Technology		
Temperature Control	•	•
Safety Ytrion Cell		
Emergency Light		
Natural Light >90 CRI / 4000 K		•

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—iXEO19R ゆ





1 Information on page 50

PREMIUM HEADLAMP WITH SUPERIOR LIGHT QUALITY.





- 01 The PowerBox can also be used as a power bank USB port, charge indicator, neoprene pouch included.
- 02 Reliable even in extreme temperatures operating temperature range from -10 °C to +50 °C.
- 03 Protection against water projected in powerful jets IPX6.
- 04 Multifunctional and versatile use comprehensive accessories allow for use as a head, helmet or handheld lamp or as a flashlight, as a beam on a tripod, or to provide lighting for GoPro.
- 05 Keep an eye on everything 98° pivoting head.
- 06 Quickly change the light beam using one hand Rapid Focus.
- 07 Differentiated, detailed lighting two individual, light canons that can be focused separately.
- 08 Ultra-bright, brilliant light beam Xtreme LED.



iXEO19R ⊕

iH6R ŵ

iH<mark>6</mark>

iH3









LED	Maxmin.	Maxmin.	Maxmin.	Maxmin.
LED configuration	2 x Xtreme Power LED	1x Power LED	1x Power LED	1x Power LED
Luminosity (lm)¹	2000–200	200-5	200-5	120–5
Beam distance (m)1	300–100	120–20	120–20	100–20
Run time (h)1	20–4	40-2	60–4	60–6
BATTERY AND CASING				
Battery	4x 18650 battery pack, Li-ion rechargeable battery	3 x AAA, NiMH rechargeable batteries	3 x AAA, alkaline	3 x AAA, alkaline
Operating Temperature Range	-10 °C to +50 °C	-20 °C to +40 °C	-20 °C to +40 °C	-20 °C to +40 °C
Water Resistance	IPX6	IPX4	IPX4	IPX4
Rechargeable	•	•		
SIZE AND WEIGHT				
Head diameter	38,2 mm	28 mm	28 mm	28 mm
Weight including battery	478 g	132 g	132 g	133 g
TECHNOLOGY				
Advanced Focus System	•	•	•	•
Smart Light Technology	•			
Rapid Focus	•			
X-Lens Technology	•			
Temperature Control	•			
Safety Ytrion Cell				
Emergency Light				
Optisense Technology	•			

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-iSEO5R 🏟





1 Information on page 50.

LESS IS MORE. HIGHTECH FOR HEADWORK.



- 01 Quickly change the light beam with only one twist Rapid Focus.
- **02** Protection against water projected in powerful jets IPX6.
- 03 Light will not switch on accidentally transportation lock.
- 04 Removable and washable head strap.
- 05 Lightweight only weighs 93 grams including rechargeable batteries.
- 06 Glare-free red LED with strobe function.
- 07 Everything at a glance pivoting head.
- 08 Perfect for everyday work processes there are lots of useful accessories for purchase, including a reflecting head strap for additional safety, a non-slip helmet band with rubberized back, a helmet bracket, etc.

iSEO5R⊕

iSE03





LED	Maxmin.	Maxmin.
LED configuration	1x Power LED	1x Power LED
Luminosity (lm) ¹	180-20	100-15
Beam distance (m) ¹	120-40	100-30
Run time (h) ¹	20–5	40–10
BATTERY AND CASING		
Battery	1x Li-ion polymer rechargeable battery	3 x AAA, alkaline
Operating Temperature Range	-20 °C to +40 °C	-20 °C to +40 °C
Water Resistance	IPX6	IPX6
Rechargeable	•	
SIZE AND WEIGHT		
Head diameter	29 mm	29 mm
Weight including battery	93 g	105 g
TECHNOLOGY		
Advanced Focus System	•	•
Smart Light Technology	•	•
Rapid Focus	•	•
X-Lens Technology		
Temperature Control	•	
Safety Ytrion Cell		
Emergency Light		

Natural Light >90 CRI / 4000 K



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- LEDLENSER ACCESSORIES



45 44 - INDUSTRIAL RANGE ACCESSORIES

- i SERIES ACCESSORIES.



Mounting Plate - 0409

This mounting apparatus with a fastening clip is suited for wall and vehicle mounting and provides safe storage for your Ledlenser i9R or i9R iron flashlight...



Car Charger - 0386

This handy 12 Volt car charger with an integrated cable fits into any standard cigarette lighter. This allows you to charge your Ledlenser i9R iron on the go.



i9R and/or i9R iron flashlights.

External Battery Charger - 0408

Allows simultaneous charging an i9R flashlight and one rechargeable battery. So you always have a fully charged spare battery ready.



Intelligent Clip Type E - 0319

Use this convenient belt clip to simply carry the Ledlenser flashlight on your pants, keeping vour hands free.

The clip can be rotated 360° thereby transforming the light into a flexible spotlight.



5-Station Charging Panel - 0412

Allows for the simultaneous charging of up to five



Power Module 6,4V / 5000mAh - 7788

The reserve unit for the Ledlenser i17R uses a Safety Ytrion Cell and offers over 3,000 charge cycles, low self-drain, virtually no capacity loss and extremely fast charging.



Signal Cone - 0410 Safety first: This

attachment converts the Ledlenser light into a versatile signal light.



Colorfilter-Set - 501506



This add-on kit for your Ledlenser includes four color filters - preinstalled in four color filter caps. Simply insert the desired filter on the lamp, turn on and it's ready.

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- FLASHLIGHTS ACCESSORIES.

ACCESSORIES FOR i18R

TYPE	ITEM NO.
Color Filter Yellow 85.5 mm	501510
Color Filter Green 85.5 mm	501509
Color Filter Red 85.5 mm	501508
Color Filter Blue 85.5 mm	501507
Car Charger	0386

ACCESSORIES FOR i17R

TYPE	ITEM NO.
Power Module 6,4 V / 5000 mAh	7788
Signal Cone Yellow 53 mm	501505
Car Holder Type A	501501
Floating Charge System Type C	0391
Car Charger	0386
Roll Protection Ring 39 mm	0321
Intelligent Clip Type E	0319
Tripod Adaptor Type B	0311
Signal Cone 53 mm	0042

ACCESSORIES FOR IPR IRON CRI IPR IRON

MODELL	ITEM NO.
i9RI rechargeable Battery	500859
5 Station Charging Panel	0412
Signal Cone Y 39 mm	0410
Mounting plate	0409
Car Charger	0386

ACCESSORIES FOR 19 CRI 19

TYPE	ITEM NO.
Signal Cone Y 39 mm	0410

ACCESSORIES FOR i9R

TYPE	ITEM NO.
i9R rechargeable Battery	500858
5 Station Charging Panel	0412
Signal Cone Y 39 mm	0410
Mounting plate	0409
External Battery Charger	0408

ACCESSORIES FOR 17R 17R DR

TYPE	ITEM NO.
i7R Double Charger	0369

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- HEADLAMPS ACCESSORIES.

ACCESSORIES FOR iH8R

TYPE	ITEM NO.
Color Filter Set 36mm	501506
Li-Ion rechargeable Battery 3,7 V / 3400 mAh	501001

ACCESSORIES FOR iH7R CRI

TYPE	ITEM NO.
Li-Ion rechargeable Battery pack 3,7V / 1400 mAh	7789
XEO PowerBox including Bag	500831
Color Filter Set 35mm	100880
USB Adapter Cable	0413
Rubberized Helmetband	0394
USB Power Supply and Adapter Cable	0389
Power Supply 5V	0384
USB Car Charger	0380
Elastic Reflecting Headband Type B	0371
Overhead Headband Type A	0370
Helmet Band Fixing Clip (4x)	0359
Pouch Type H	0332

ACCESSORIES FOR iH6R iH6 iH3

TYPE	ITEM NO.
3x AAA NiMH rechargeable batteries 1,2V / 900 mAh	7749
USB Power Supply and Adapter Cable (nur iH6R)	0389
Power Supply 5V (nur iH6R)	0384
USB Car Charger (nur iH6R)	0380
Helmet Band Fixing Clip (4x)	0359
Pouch Type H	0332

ACCESSORIES FOR iXEO19R

TYPE	ITEM NO.
XEO PowerBox including Bag	500831
Intelligent Clip PowerBox	0405
Bike Mounting Bracket Type B	0404
Helmet Connecting Kit Type C	0402
Tripod Adaptor Type A	0401
GoPro Adaptor	0400
Car Charger	0386

ACCESSORIES FOR iSE0 5R iSE0 3

TYPE	ITEM NO.
Li-Ion rechargeable battery pack 3,7V / 880 mAh	7784
Reflecting Rubberized Helmetband Type A	0390
USB Power Supply and Adapter Cable (nur iSEO 5R)	0389
Power Supply 5V (nur iSEO 5R)	0384
USB Car Charger (nur iSEO 5R)	0380
Elastic Headband blue	0377
Elastic Headband red	0376
Elastic Headband gray	0375
Elastic Headband green	0373
Elastic Reflecting Headband Type A	0374
Helmet Connecting Kit Type B	0368
Helmet Band Fixing Clip (4x)	0359

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NOTES

1) Measurements per ANSI FL1 on the respective setting. If no setting is explicitly indicated, the values refer to luminous flux (lumen/lm) and lighting range (meters/m) on the highest setting and to run time (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 has different energy modes, measurement is based on "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.

3) FP Patent 1880139: US Patent 7 461 960

4) Five year warranty from the date of purchase, or seven years with online product through our website. The warranty applies worldwide:

legal warranty rights also apply. It covers defects in material and manufacture. A deviating warranty period of 24 months applies to the proper function of rechargeable batteries. Products of the "Solidline" series, Ledlenser K1, and Ledlenser K2 are excepted from this warranty, as well as defective batteries, holsters, pouches, remote switches, color filters, embossings, and surface coats. The warrantor is Zweibrüder Optoelectronics GmbH & Co.KG, Kronenstr. 5-7, 42699 Solingen, Germany. For more information visit ledlenser.com/warranty.

5) Charging time may vary by power supply.

The information provided regarding package contents, appearance, performance, dimensions and weight correspond to available knowledge at the time of publication. In the interest of product improvements we reserve the right to change package contents, 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.





A Zweibrüder Optoelectronics GmbH & Co. KG brand

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VAT ID NO.: DE815242425, District Court Wuppertal, HRA 23078
Personally liable partner:
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