



COMPLETELY

ADVENTUROUS

Headlamps and flashlights



 LEDLENSER



I AM
THE LIGHT
FOR ALL YOUR ADVENTURES



**Ledlenser. The light. From page 4**

Quality, innovation and sustainability are important to us. Here, you will find out what we represent.

Technologies. From page 6

Our lamps are full of passion and expertise. On pages 6 to 11, we will introduce you to some of the technologies we use.

Flashlights. From page 12

Brighter, further, more efficient: Ledlenser flashlights. Select from the X-, M- or P-series – we have the perfect light for every outdoor activity!

Headlamps. From page 24

Free hands, if you need them for other tasks: With an Ledlenser headlamp you are always well equipped for the outdoors. Discover the H- and SEO-series and find your favorite light!

Accessories. From page 32

Many practical additions – very useful for leisure and holiday!

Glossary. From page 38

Knowledge is power and we make high-end lamps with a kick. Read more here.

THE UNBELIEVABLE

When you're enjoying the moment so much that you forget the time, darkness can fall faster than you would want it to. Lamps from Ledlenser help to extend daylight. Pack some light into your rucksack and take a trip!

Our lamps enable unique orientation in close-up range and, above all, guarantee one thing: Safety.

Ledlenser. The light.



7 YEAR WARRANTY*

Ledlenser. Quality.

Engineered in Germany. Innovation. Sustainability.

For us the slogan “Engineered in Germany” is not just empty words, it represents the highest of demands in innovation, materials, technology, processing and sustainability.

Our environment is important to us. For this reason, we construct our flashlights using a modular system design. This means almost all parts can be replaced individually. In the event of a battery leak it is possible, for example, to simply replace the battery cartridge and not the entire unit. Easy on the environment and your budget.

All our products are equipped with the most modern of technologies. And we are constantly improving and

developing further. Ledlenser is not just any headlamp. Our claim is to provide the appropriate light for your individual requirements, and we use the sun as our role model.

Ledlenser is known for our straight forward service. We live and love our products and are sure of their quality and performance. The satisfaction of our customers is very dear to our hearts. For this reason, we offer a **5 year warranty**⁶ on material and manufacturing faults for all original Ledlenser products!

And, we go even further: Anyone who registers their product online, automatically receives a warranty of 7 years!



**Engineered
in Germany**



**Simple
service**



**Great
customer
satisfaction**

VERY PURPOSEFUL

Our patent. **The Advanced Focus System.**

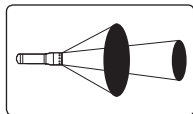
Does more than just focus. Even the specialists are astounded: Our patented focusing system, a combination of lense and reflector, enables light to be precisely tailored with unimaginable efficiency.



CONCENTRATED. *Focused* it ensures a directed and strong long-distance beam.



WIDE. *De-focused* you have a circular floodlight that illuminates a wide range.



Extremely effective
light.

Speed Focus

FURTHER DEVELOPED.

The one-hand Speed Focus sliding mechanism is flexible, fast and dependable. And practical too.

The light focus can be changed in split seconds. For this, you only need one hand, leaving the other free to hold more important things.

Unbeatable.

**X-LENS
Technology.**

INCREASED.

The X-LENS Technology multiplies the advantages of our Advanced Focus Systems (AFS). Perfectly synchronized bundled rays and an almost infinite number of reflector lenses combined in a single lamp. The result is powerful bundled light in a dimension that will take your breath away! The only thing that crosses your mind is "WOW"!



Progressive.

**Floating Charge
System.**

INNOVATIVE.

The wall mount and the magnetic contact make the charging process extremely convenient and the lamp can be removed with a single action even during charging.

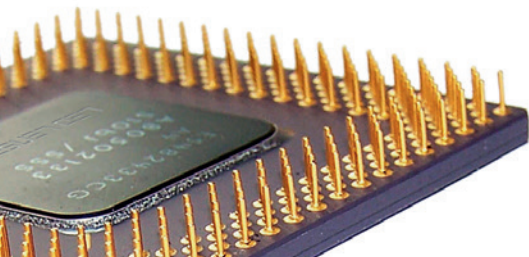
QUITE SURPRISING

Intelligent. **Smart Light Technology**

Do you want to see what is happening in the distance, and then check on your equipment without getting dazzled? Do you need to send an SOS in an emergency or quickly dazzle an attacker in defense? Are you out and about and do you need light for a long time?

Microcontrollers can handle all this for you. They save Light Programs with a variety of functions that you can select using button and switch combinations. This ensures you always have optimum light at hand.

The **Smart Light Technology** also monitors the charge state of the batteries and informs you, in good time, when the batteries need changing, thus ensuring you are never suddenly left out in the dark.





Energy Modes. Functions.

The Energy Modes are microcontroller controlled “Basic settings” for your Ledlenser:

ECONOMIC. You know that you will be out for a long time and you don't need the full performance? Switch to the **Energy Saving Mode** and optimize the operation time.

ONGOING. Or do you instead need constant light with full power? In this case, the **Constant Current Mode** is just what you need.

Explanation in short. The light functions.



BOOST Briefly press the button to obtain more light for a short time.



POWER High lighting performance for every situation.



LOW POWER For glare-free reading and working.



EMERGENCY LIGHT Extra long lighting duration.



DIM Infinite regulation of the lighting intensity between 15% and 100%.



BLINK Automatic transmission of light impulses at regular intervals.



POSITION To mark a position.



MORSE /TACTICAL TASK Simple transmission of signals using the switch.



DEFENSE STROBE Rapid flashes of light act as effective self-defense.



STROBE Rapid light flashes with an irritating dazzling effect for use in an emergency.



SOS In an emergency, the unit with SOS function will guide assistance toward you.

SUSTAINABLE USER-FRIENDLY

Simple replacement. **The modular system.**



ENVIRONMENTALLY FRIENDLY.

Many of our lamps are composed of replaceable modules. This modular structure makes it easier to occasionally clean in the event of extreme

use and, should anything break, the defective component can be simply and quickly replaced.

You preserve the environment and save your money.

THE COMPONENTS

- ❶ Lamp head with spray-water protected housing made of high-quality aluminum.
- ❷ Reflector lens for a smooth transition from dimmed to remote long-distance beam.



3 High End Heat Sink – Heat sink with LED chip and circuit board.
4 The Speed Focus® component regulates the focusing of the lense.
5 Main Tube – spray-water protected housing made of high-quality aluminum.

6 Hard gold-plate contacts (not used in all lamps).
7 Battery Cartridge – the battery compartment.
8 Splash proof end cap.
9 Dynamic Switch – 3-step switch with haptic function.

UNCOMPLICATED.

Should a part of your Ledlenser lamp be defective at any time, please contact our customer service (see page 5). We prefer to take the simple route, and we're sure you do too!



I AM BUNDLED POWER





Brighter. Further. More efficient. The Ledlenser X-series

With the Ledlenser X-series you are well equipped to keep everything under control, even in the deepest, darkest holiday night. You have it in your hand to turn night to day. Thanks to the sensational performance of the X-series, even changing a tire in the dark is not a problem at all.

At the touch of a button, the LEDs in the X21R.2 trigger a gigantic 700 meters¹ of remote illumination with up to 3,200 lumen¹. For good close-up vision, the seven reflector lenses bundle the beam of light into a perfect circle.

The robust X-series is based on sustainable technology and has proven itself a reliable companion for generations, even for rescue services in tough situations.

¹ Information on page 39.

Ledlenser X21R.2

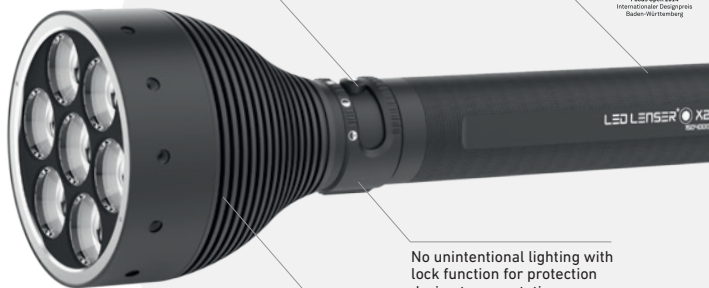
Amazing rechargeable power!

Quick switching, simple and direct control of individual light functions with the Fast Action Switch.

Wear-free and sustainable thanks to the future-proof Safety Ytrion Cell battery technology.



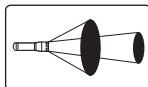
Focus Open 2014
Internationaler Designpreis
Baden-Württemberg



Extremely precise, seven reflector lenses bundle the powerful beam of light.

No unintentional lighting with lock function for protection during transportation.

Speed Focus for quick focusing and defocusing.



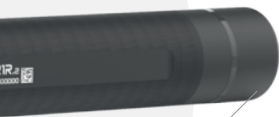
Ledlenser X-series

Bundled top performance.



reddot award 2014
winner

GT
SICHERHEIT
AWARD
2015
FINALIST



Convenient charging
with the Floating
Charge System with
magnetic charging
socket.



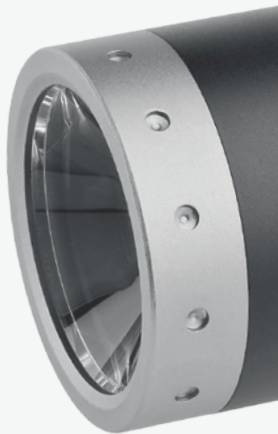
MODEL	X21R.2	X21.2
LED(s) Quantity/ Model	7 x Xtreme Power LED	7 x Xtreme Power LED
Dimensions		
Length (mm)	405	397
Weight (g)	1300	1400
Head diameter (mm)	95	95
Technical data		
Luminous flux (lm) ¹ Boost/Power/Low Power	3200/2500/200	-/1600/250
Beam distance (m) ¹ Boost/Power/Low Power	700/600/150	-/600/250
Lighting duration (h) ² Boost/Power/Low Power	3/4/40	-/20/100
Energy tank (Wh) ³	48	120
Voltage supply	Safety Ytrion Cell	4 x D
Rechargeable	•	
Technologies		
Smart Light Technology	•	•
Advanced Focus System	•	•
X-LENS Technology	•	•
Speed Focus®	•	•
Fast Action Switch	•	
Floating Charge System	Pro	

1, 2, 3 Information on page 39.



I AM HANDY AND INTELLIGENT





High-tech. Revolutionary. Award-winning. The Ledlenser M-series.

If you don't want to go outdoors without the benefits of the digital world, the Ledlenser M-series is the perfect choice. You can change the light mode with the push of a button and you don't even need to think about the energy consumption any more. That's not a problem with the M-series.

The inner values of this range impress, for example the M17R, which offers, among others, 8 light programs with optimized energy consumption and up to 450 meters¹ beam distance, at 850 lumen¹.

It's surprising that so much high-tech fits into such a handy flashlight with a simple, clean design. However, it's no surprise that this revolutionary concept has also impressed judges and that some of the flashlights in the Ledlenser M-series have won multiple awards.

¹ Information on page 39.

Ledlenser M17R

The performance giant with tomorrow's technology.

Quick switching, simple and direct control of individual light functions thanks to the Fast Action Switch.

A question of settings – eight lighting functions: Boost/Power/Low Power/Morse/Dim/SOS/Blink/Strobe.

Three times more charging cycles than lithium ion rechargeable batteries, with the Safety Ytrion Cell.



reddot award 2014
winner



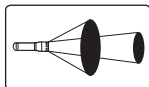
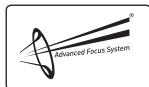
product
design award
2014



Focus Open 2013
Silver

Award-winning – Winner of the Red Dot Design Award, the IF Product Design Award and the Focus Open Silver.

Improved vision both close-up and at a distance thanks to infinite focusing with the Speed Focus®



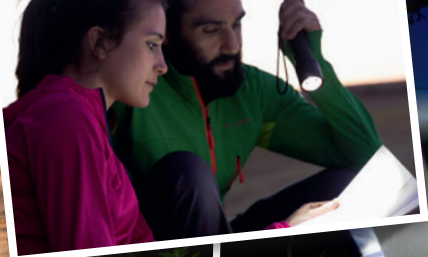
Ledlenser M-series

The reliable companion.



MODEL	M17R	M14X	M7RX	M7R	M7	M5	M3R	M1
LED(s) Quantity/ Model	1 x Xtreme Power LED	1 x Xtreme Power LED	1 x Xtreme Power LED	1 x High End Power LED	1 x High End Power LED	1 x High End Power LED	1 x High End Power LED	1 x High End Power LED
Dimensions								
Length (mm)	302	162	156	153	132	111	100	97
Weight (g)	750	365	203	200	190	70	45	65
Technical data								
Luminous flux (lm)¹	850	650	600	400	400	140	220	300
Beam distance (m)¹	450	280	235	280	280	120	130	140
Lighting duration (h)²	36	15	10	40	35	8	6	7
Energy tank (Wh)³	25.6	16.8	8.1	8.1	7.2	4.2	1.2	3.9
Voltage supply	Safety Ytrion Cell	4 x AA	1 x lith- ium-ion 3.7 V	1 x lith- ium-ion 3.7 V	4 x AAA	1 x AA	1 x lith- ium-ion 3.7 V	1 x CR123A
Rechargeable	•		•	•			•	
Technologies								
Smart Light Technology	Pro	•	•	•	•	•	•	•
Advanced Focus System	•	•	•	•	•	•	•	•
Speed Focus	•	•	•	•	•	•	•	•
Fast Action Switch	•							
Floating Charge System	Pro		•	•				

1, 2, 3 Information on page 39.



I BRING
HIGHEST
PERFORMANCE





The high-performance line. The Ledlenser P-series.

Reduced to essentials, the flashlights of the P-series offer great performance at a cost-effective price. They are durable, robust and simple to use. This makes them ideal companions when camping, hiking or geo-caching.

The P7 is the globally most frequently sold model in the Ledlenser range. In the new version of the Ledlenser P7.2, we have improved upon the strengths of the device and also incorporated customer wishes. A larger switch with a more non-slip profile makes it easier to operate even when wearing gloves. The recalculated lense, a revised cooling system, the latest in LED technology and improved ergonomics are all features that make the Ledlenser P7.2 the best P7 of all time. A practical all-round talent that impresses thanks to indestructible technology and extreme durability.

You have experience in the daily use of our lamps and suggestions for improvement? Let us know. We are open to your ideas and grateful for your suggestions!

Ledlenser P7.2

Practical all-round talent with indestructible technology and modular construction.

Speed Focus – Simply slide the lamp head to switch from bundled beam to illuminated circular area.

Larger switch with non-slip profile makes it easier to operate even when wearing gloves.

New version of the legendary P7.



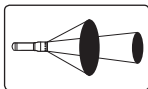
Brilliant, extremely bright light cone thanks to High End Power LED.



reddot award 2014
winner



Award winning – winner of the Red Dot Design Award and the IF Product Design Award.



Ledlenser P-series

The high-performance flashlights.



MODEL	P14.2	P7QC	P7.2	P5.2
LED(s) Quantity/ Model	1 x High End Power LED	1 x Multicolour Power LED	1 x High End Power LED	1 x High End Power LED
Dimensions				
Length (mm)	197	132	130	113
Weight (g)	350	175	175	80
Head diameter (mm)	47	37	37	26
Technical data				
Luminous flux (lm)¹ White light P7QC Power/Low Power	350/50	220/40	320/40	140/-
Beam distance (m)¹ White light P7QC Power/Low Power	270/100	60/20	260/100	120/-
Lighting duration (h)² White light P7QC Power/Low Power	3/40	3/25	2/50	5/-
Energy tank (Wh)³	16.8	7.2	7.2	4.2
Voltage supply	4 x AA	4 x AAA	4 x AAA	1 x AA
Technologies				
Smart Light Technology		•		
Advanced Focus System	•		•	•
Speed Focus®	•		•	•
Dynamic Switch	•		•	

1, 2, 3 Information on page 39.



I AM THE LIGHTING ROLE MODEL





**Strong performance. Strong functions.
Strong tool.**

The Ledlenser H-series.

When it comes to climbing or bouldering, you need both hands free and good grip. But headlamps on the head are often annoying, uncomfortable and obstructive. But not the Ledlenser H-series. Their ergonomic design ensures best wearing comfort and the extremely bright LEDs ensure best vision also, for example, on holiday when eating outside the caravan.

But their inner values are worth a second look. Up to 300 meters¹ beam distance with up to 850 lumen¹ and a lighting duration of up to 40 hours² characterize the H14R.2, the flagship of this series. The transport lock, infinitely focusable lenses and dimmer complete the features.

Smart heads get it right with a lamp from the Ledlenser H-series.

^{1, 2} Information on page 39.



Ledlenser H14R.2

With battery packs or batteries,
perfect for outdoor activities.

Environmentally friendly,
thanks to the rechargeable
battery pack.

Modern universal bracket
offers versatile usage and
mounting options.

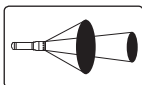
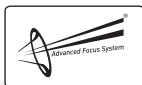
For individuals
3 light programs and
5 functions, for all
your needs.



Intelligent software designed to
optimize energy consumption.

Xtreme Power
LED – extremely
bright, brilliant
light cone.

Infinite focus function
improves vision both
near and far.



reddot award 2014
winner

Ledlenser H-series

Robust high-performance technology with a pleasant wearing experience.



MODEL	H14R.2	H14.2	H7R.2	H7.2	H3
LED(s) Quantity/ Model	1 x Xtreme Power LED	1 x Xtreme Power LED	1 x Xtreme Power LED	1 x High End Power LED	3 x High End LED
Dimensions					
Weight (g)	340	340	165	165	114
Head diameter (mm)	37	37	34.9	34.9	28
Technical data					
Luminous flux (lm) ¹	1000	350	300	250	60
Beam distance (m) ¹	300	260	160	160	31
Lighting duration (h) ²	35	60	60	60	62
Energy tank (Wh) ³	16.3	16.8	5.2	7.2	5.4
Voltage supply	1 x lithium-ion battery pack	4 x AA	1 x lithium-ion 3.7 V	4 x AAA	3 x AAA
Rechargeable	•		•		
Technologies					
Smart Light Technology	•	•	•	•	
Advanced Focus System	•	•	•	•	
Turning Focus			•	•	
Speed Focus®	•	•			



I AM YOUR
BRIGHT JOY





Cool design. Fresh colours.
More outdoor fun.
The Ledlenser SEO-series.

Do you enjoy hiking? Are you outdoors a lot? Do you love adventures beyond civilization? Do you climb rock walls and enjoy sleeping in tents or out in the open? Nature is both your playground and your challenge? If so, you should take a closer look at the SEO.

The young, dynamic Ledlenser SEO-series shows its best side in every situation, not just with regard to the cool, colourful style and the well-thought-out design. The modern headlamp is as multi-faceted and spontaneous as you are. The light weight and innovative functions mean it is ready for any adventure. The features include, for example, three light modes, glare-free red light and infinite focusing function. The integrated transport lock is also fantastic since it ensures that the SEO is never switched on accidentally at the bottom of your rucksack.

Ledlenser SEO 7R black

The new headlamp is designed specifically for your adventures.

Automatic dimmer function (OPTISENSE® Technology) regulates the lighting performance in accordance with the reflected light.

Everything at a glance – head can be swiveled infinitely.

Glare-free red LED with Blink function.

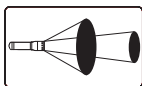
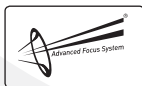
Simple to operate –
1 switch,
3 light modes.

A white High End
Power LED.

Improved close and
distance lighting –
infinite focus function.



Wandermagazin test winner 2015: Tested over four months for technical performance and practicality (the SEO 7R blue was tested; can be read in the March/April 2015 issue).



Battery pack with (USB) charging cable – environmentally-friendly, practical and no need for expensive batteries

Replaceable and washable headband.



Ledlenserw SEO-series

Welcome to the premium light class!



MODEL	SEO 7R	SEO 5	SEO 3
LED(s)	1 x High End	1 x High End	1 x High End
Quantity/ Model/ Colour	Power, white 1 x High End, red	Power, white 1 x High End, red	Power, white 1 x High End, red
Dimensions			
Weight (g)	93	105	105
Head diameter (mm)	28	28	28
Technical data			
Luminous flux (lm)⁵ Power/Low Power	220 / 20	180 / 20	100 / 15
Beam distance (m)⁵ Power/Low Power	130 / 40	120 / 40	100 / 30
Lighting duration (h)⁵ Power/Low Power	5 / 20	7 / 25	10 / 40
Energy tank (Wh)³	3.2	5.4	5.4
Voltage supply	1 x lithium-ion battery pack	3 x AAA	3 x AAA
Rechargeable	•		
Technologies			
Smart Light Technology	•	•	•
Advanced Focus System	•	•	•
Turning Focus	•	•	•
Colours	● ●	● ●	● ●

QUITE ABUNDANT

Accessory highlights. **For flashlights.**



MORE FREEDOM FOR THE HANDS. The lamp is mounted using the **Intelligent Clip** which can be rotated by 360° and converts it to a practical belt-mounted spotlight.
Various item numbers



MORE ADHESION. Mounted on the **Intelligent Clip** with **Magnetic Mounting**, the lamp also sticks on magnetic surfaces.
Item number: 0314



MORE HOLD. Lamps with a diameter of 25–34 mm can be securely mounted using the robust **Universal Mounting System** to branches or tent poles.
Item number: 0362



MORE SECURE. Lamps with a shaft diameter of around 38 mm can be mounted using the **Tripod Fastener** to a tripod. The mount has a 1/4 inch-20 UNC thread. For X21.2, X21R.2, M17R
Item number: 0311



Accessory highlights. For the H-series.



MORE COLOUR.
With the **colour filter set**, the H14R.2 and H14.2 also provide coloured light.
Item number: 0313-F



MORE FREEDOM FOR THE HEAD.
The **extension cable** for the H14R.2 and H14.2 enables you to store the battery box in your rucksack.
Item number: 0396



MORE OPTIONS.
If you want to keep your head free, the headlamps H14.2 and H14R.2 can be secured on rods of all kinds in combination with the **Universal Mounting Bracket**.
Item number: 0363



MORE FLEXIBILITY.
To charge lamps when you're out and about, the **USB car charger** fits into every cigarette lighter.
Item number: 0380

Accessory highlights. For the SEO-series.



MORE INDIVIDUALISM.
Do you like variety? Sometimes green, red, black or even reflective? There are a variety of **SEO headbands** to choose from. These are particularly soft and pleasant to wear. (For details, see page 36).










MORE ON THE HEAD.
Do you want to be a bright spark, despite the helmet? The SEO, of course, also has a **helmet connecting kit** that can be attached to helmets.
Item number: 0368

Flashlight accessories. Overview.



MODEL	X21R.2	X21.2	M17R	M14X	M7RX	M7R
Roll Protection	0312	0312			0313	0313
Tripod Fastener	•	•	•	•		
USB Car Charger	•		•			
Intelligent Clip			0319	0319	0317	0317
Magnetic Mounting				•	•	•
Signal Cone			0042	7478	0040	0040
Safety Bag				0341	0342	0342
Roll Resistance Ring			0321	0321	0320	0320
Intelligent Filter Holster					•	•
Tactical Professional Holster					•	•
Universal Mounting Bracket					7799-PT	7799-PT
Universal Mounting System					•	•
Remote Switch						
Colour Filter Set					•	•
Signal Cone (White)					•	•

							
M7	M5	M1	P14.2	P7.2	P7QC	P5.2	ITEM NO.
0313				0313	0313		See product
							0311
							0386
0317	0315		0318	0317	0317	0315	See product
•				•	•	•	0314
0040			7478	0040	0040	7479	See product
0333	0337		0334	0333	0333	0337	See product
0320				0320	0320		See product
•				•	•		0039
•				•	•		0323
7799-PT	7799-PT5			7799-PT	7799-PT	7799-PT5	See product
•	•	•		•	•		0362
				•	•		0361
•				•			0313-F
•				•	•		0040-W

Headlamp accessories. Overview.



MODEL	H14R.2	H14.2
USB Car Charger	•	
Helmet Connecting Kit	0393	0393
Colour Filter Set	•	•
Universal Mounting Bracket	•	•
Elastic Helmet Band (non-slip, reflective, black)		
Reflective Headband (grey)		
Headband, green		
Headband, gray		
Headband, red		
Headband, blue		
USB Charger	•	
Rechargeable battery pack (Li-Ion)	7790	



H7R.2	SEO 7R	SEO 5	SEO 3	ITEM NO.
•	•			0380
	0368	0368	0368	See product
				0313-F
				0363
	•	•	•	0390
	•	•	•	0374
	•	•	•	0373
	•	•	•	0375
	•	•	•	0376
	•	•	•	0377
•	•			0389
7789	7784			See product

Glossary. Terms, explained briefly.

ADVANCED FOCUS SYSTEM

A special patented (EP 1880 139 B1) "focusing system" from Ledlenser which combines the benefits of lenses and reflectors. This has resulted in our reflector lens which is capable of bundling twice as much light into the focus as traditional reflectors. This enables an unbelievable long-distance beam. At the same time, the reflector lens is also able to produce a circular, homogeneous light that is ideal for reading or for lighting close up.

THE WIDE LIGHT FORMAT

takes into account that people tend to gaze in a horizontal manner rather than vertically and the field of vision is approximately 190° horizontally and 150° vertically. Due to the oval shape of the lamp and the Wide Beam reflector, the safety factor is increased. You can be seen from every angle!

DYNAMIC SWITCH

During use, it is sometimes necessary to suddenly switch to bright light and then regulate the brightness back just as quickly. Our new Dynamic Switch simultaneously makes both possible. With one hand. In a split second.

FOCUSED

In the focus setting, the reflector bundles the light forwards. In addition, the diffused light emitted by conventional reflectors is bundled by the lens. The advantage: up to twice as much light in focus than with traditional reflectors.

DE-FOCUSED

Is understood to mean a circular beam of light, suitable primarily for reading and for close up. A

circular and homogeneous light can be created with a diode in front of the lens.

HOMOGENEOUS LIGHT

Homogeneous light is evenly reflected light. The Advanced Focus System guarantees glare-free and homogeneous light. Traditional reflectors, insofar as these can be focused, throw concentric circles in a de-focused state and project a black hole in the middle. This makes precision work more difficult.

LED

An LED (Light Emitting Diode) is an electronic light source. It is not sensitive to impacts. Moreover it lasts 1000 times longer than a traditional light bulb while generating very little heat and consuming less power. LEDs do not contain any hazardous gases nor do they generate UV radiation.

LUMEN

Lumen is the unit of measurement used to measure real reflected light quantities (luminous flux). Unlike other manufacturers, we measure the lumen that is radiated from our reflectors (with fresh batteries), thus without any losses incurred in the reflector/lamp head.

MODULAR SYSTEM

Ledlenser headlamps have a modular construction. This means that individual components may be replaced if required. The modular construction also makes cleaning the devices easier, particularly, after extreme use.

OPTISENSE® TECHNOLOGY

Sometimes it's dusky, sometimes shadowy, sometimes murky and sometimes pitch dark. It is good to know that you can always trust in the innovative dimmer function of your Ledlenser. This function automatically regulates the illumination in accordance with the reflecting light and thus prevents dazzling.

REFLECTOR LENSE

We have combined the benefits of lenses with the benefits of reflector technology. The result is both a homogeneous circular beam of light close up and an extremely strong light for long-distance use.

SMART LIGHT TECHNOLOGY

To ensure that headlamps are ideally optimized to your individual needs, the Smart Light Technology creates very personalized lighting tools. This is made possible by the micro-controllers that save light programs with a variety of functional scopes in conjunction with button and switch combinations.

SPEED FOCUS®

Within milliseconds, the close circular light can be switched to strongly focused distance light. Thanks to the one-hand sliding mechanism of the Speed Focus® this function can be operated with just one hand. It couldn't be easier to quickly, simply and reliably switch the light mode.

TURNING FOCUS

The LED headlamps have everything in view, thanks to the Turning Focus. The focus can be infinitely adjusted.

Footnotes

Ideal, since the handy rotating head makes it easy to convert close-up light into a sharply focused long-distance beam.

X-LENS TECHNOLOGY

The X-LENS technology multiplies the advantages of our Advanced Focus Systems (AFS) and lifts the results into a new, light qualitative dimension. But above all, we optimize our lenses with the help of intricate computer calculations in order to create a compound of perfectly synchronized bundled rays. The precision and brightness of not one, but an almost infinite number of reflector lenses contributes towards ensuring a practically unbelievable lighting experience. The result, namely a high-quality homogeneous, stage-like flood lights as well as the most focused long-distance beam, is almost as surprising as it is elegant.

NOTE

The data on scope of delivery, performances, dimensions, weights correspond to the existing knowledge at the time of printing. We reserve changes in scope of supply, appearance, design and color within the scope of further development without prior notice.

Product illustrations can deviate from the actual appearance of the products and may show optional accessories that can be purchased against extra charge.

¹ Luminous flux (lumen/lm) or maximum beam distance (in meters/m) is measured using the setting specified in the table or text when switching on with a set of fresh alkaline batteries or, for rechargeable units, with a fully charged battery pack. If no brightness level is named specifically, the values refer to the Boost function, or if not present, to the brightest possible setting. These are average values that may deviate by +/-15 % in individual instances in accordance with chip, and battery/battery pack. A Boost function (if included) is available multiple times, but only for a very brief period of time.

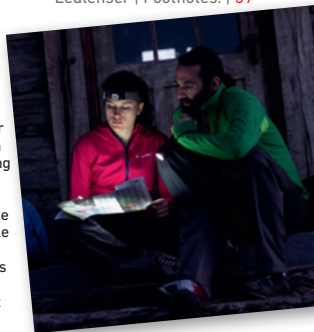
² The average lighting duration (hours/h), measured in the relevant setting as given in the table, up to a luminous flux of 1 lumen. If no brightness level is named specifically, the values refer to the Low Power function, or if not present, to the lowest possible setting. A Boost function (if included) is available multiple times, but only for a very brief period of time.

³ Calculated value of the capacity in Watt hours (Wh). This applies to the battery(ies) contained in the relevant product in the delivered state or, for flashlights with battery pack(s), when the batteries are in a fully charged state.

⁴ EP-Patent 1880139;
US-Patent 7,461,960

⁵ Measuring values in accordance with ANSI FL1 in the setting named. If no setting is specifically named, then all values refer to the brightest setting. In the event that the lamp is fitted with LEDs in multiple colors, the measuring values are specified using the white LED. If the lamp has multiple energy modes, the "Energy saving mode" is the basis for measurement.

⁶ Warranty applies in addition to the legal guarantee laws. It is extended to material defects and manufacturing faults, with the exception of battery defects, holders, bags, remote switches, color filters, embossing and surface coatings. Warranty period is 5 years as of date of purchase, 7 years when registered online on our homepage. Warranty period for battery packs - 2 years. The warrantor is Zweibrüder Optoelectronics GmbH & Co. KG, Kronenstr. 5-7, 42699 Solingen, Germany. For more information see www.ledlenser.com/warranty.



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