

MORE PERFORMANCE AND CONVENIENCE THAN EVER BEFORE

The new versions of our successful headlamps integrate the experiences, feedback and wishes expressed by our customers over the last few years. Besides an optimized rechargeable battery concept and more lumen, the headlamps convince with longer burning life and great details that emphasize easy handling and durability.



Multiple function switch
The switch of the new LED LENSER® H7₂ and H7R₂ has three different functions:
1. Particularly convenient activation of Smart Light Technology programs and light options.
2. Optional rear light (H7R₂).
3. Battery Indicator (100-50 % green, 50-20 % yellow, 20-0 % red - H7R₂)

Extremely flexible cabling
We have completely reworked the cabling. We pay particular attention to the connection points most exposed to increased strain. These are now considerably temperature-resistant and more durable thanks to high-quality materials and a new design.

High-performing rechargeable battery concept
The energy supply for the new LED LENSER® H7R₂ has been revised and improved to a lithium-ion rechargeable battery. The burning life of the predecessor model has been exceeded significantly. In addition, an external rechargeable battery box can be connected in order to extend the burning life.

USB connection
The LED LENSER® H7R₂ is equipped with a USB port that makes charging simple and versatile. Optionally, an external rechargeable battery box can be connected in order to extend the burning life.

LED LENSER®
Creating New Worlds of Light

So ergonomic you'll hardly notice it is there.
So intuitive you'll understand it immediately.
So bright you will want to dim it.

High-tech and ergonomics combined into a compact design
Recalculated lens •
Optimized illumination •
Multiple function switch •
Optional rear light (H7R₂) •
Extremely flexible cabling •
High-performing rechargeable battery concept (LED LENSER® H7R₂)

Advanced Focus System •
Smart Light Technology •
Turning Focus •



LED LENSER®
Creating New Worlds of Light

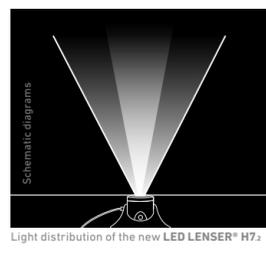
**MORE ERGONOMICS
MORE PERFORMANCE
MORE FEATURES**

ZWEIBRÜDER® OPTOELECTRONICS GMBH & CO. KG • Germany • 42699 Solingen • Kronenstr. 5-7 • www.zweibrueder.com

The new H7₂, H7R₂ Headlamp Series

THE BEST LIGHTING OUR H7 AND H7R HAVE EVER HAD

We have not just added substantially improved LED light chips for our headlamps, we have also revised the lighting character. A computer-calculated optic makes optimum use of the radiation behavior of the light source and creates a particularly user-friendly, homogenous light cone.



Light distribution of the new LED LENSER® H7.2



Modified light distribution of the new LED LENSER® H7R.2

High-tech features and smart ergonomics combined into a compact design

The lighting unit contains the controller for the Smart Light Technology and the Turning Focus feature. The tilt mechanism has been reworked and is now even more durable.

Recalculated lens

The reflector lens of the Advanced Focus System has been enlarged and, using extensive calculations, adapted specifically for the new LED chip. It delivers a stunning homogeneously lit area in flood beam and a significantly wider focused area in concentrated spot beam.

Advantages of the modified light cone character*

- Larger light spot
- More light in the whole lit area
- Improved close range illumination
- Wider radiation angle
- User-friendly light distribution
- Altogether better visibility

*Advantages of the LED LENSER® H7.2 and H7R.2 when compared to the LED LENSER® H7 and H7R

LET YOUR HEAD DECIDE...

The focusable and dimmable LED LENSER® H7 and H7R are currently our most popular headlamps. In the upgraded version, our designers have not compromised when it comes to ergonomics and have given the lamps a shape which adapts perfectly to your head. In addition, we have taken the best functions from our successful classic models, improved upon them and fitted the new models with more performance and comfort than ever before.

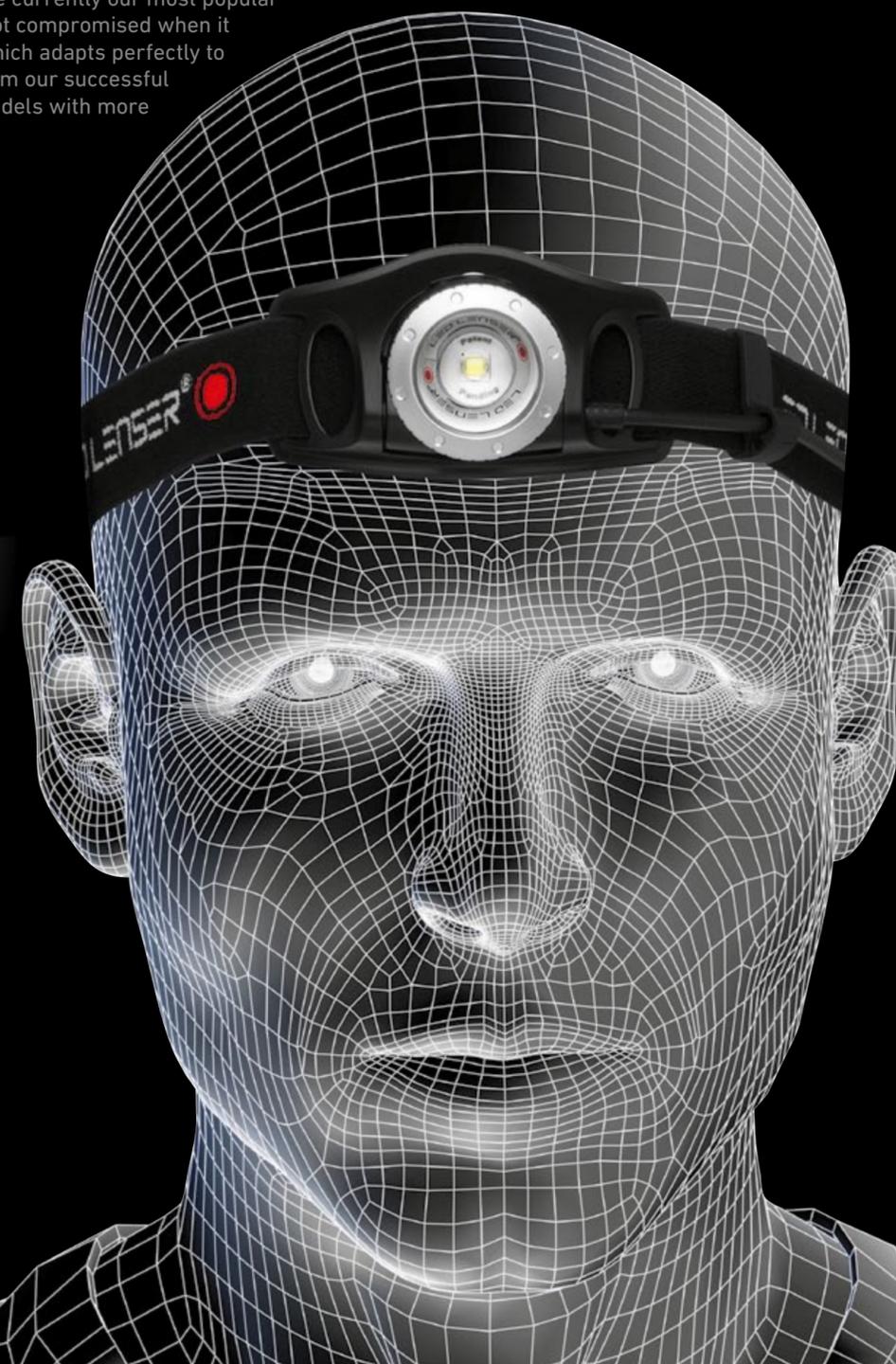


Dynamic Foam Texture
The rear of the lighting unit is contoured and lined in skin friendly PU-Foam to snugly adapt to the users head for optimal comfort.



Ergonomic design, optimized wearing comfort

Our mounting system mimics the natural shape of the head. A specially curved battery compartment and a forked headband fastener allows for great wearing comfort-especially for active users!



LED LENSER®

H7.2

New version of a high performance classic.

We have further developed the strengths of the predecessor model and integrated additional, practical functions in the new LED LENSER® H7.2. The materials used combined with an ergonomic shape ensure that you hardly notice you are wearing the lamp. The dim function has not only been made more convenient, we have also enhanced it to include additional lighting functions. At the same time, our LED LENSER® H7.2 is not just brighter, it is also longer-lasting.

Item No. 7297 Gift Box,
7397 „TEST-IT“ Blister

LED LENSER®

H7R.2

Rechargeable ergonomic wonder with a new lighting architecture

The LED LENSER® H7R is one of the most popular battery-pack operated headlamps. In the new LED LENSER® H7R.2, we have improved upon our "tried and tested" features and enhanced them with the most modern of technologies and practical features: the recalculated lens ensures wider illumination, the ergonomics have been optimized and the energy concept is now based on lithium-ion-cells. A convenient charging status display and an option which allows the connection of multiple rechargeable batteries complete the concept.

Item No. 7298 Gift Box,
7398 „TEST-IT“ Blister



LED LENSER® H7.2 Included in Delivery:
Batteries (4 x AAA), snap-hook, manual

LED LENSER® H7R.2 Included in Delivery:
Battery pack, charger adapter, USB charger, snap-hook, manual

Technical data	LED LENSER® H7.2	LED LENSER® H7R.2
LED	High End Power LED	Xtreme Power LED
Weight	165 g	165 g
Operating temperature	-20 °C to +50 °C	-30 °C to +50 °C
Luminous flux max. (Power/Boost)	200/250 lm*	200/300 lm*
Batteries Rechargeable batteries	4 x AAA batteries	Lithium ion battery pack
Charging time	-	4 hours
Energy tank	7,2 Wh**	5,2 Wh**
Burning life minimum (Power)	12 h*	14 h*
Burning life maximum (Low power)	60 h***	60 h***
Beam distance maximum (Boost)	160 m*	160 m*
Splash-protected	IPX 4	IPX 4

* Luminous flux (lumens) resp. max. beam distance (meters) when switching on with new set of fully charged rechargeable resp. fresh alkaline batteries. Average values that may vary ± 15% depending on type of chip and battery resp. rechargeable battery. ** Calculated value of the capacity in Watt hours (Wh). This applies to the fully charged batteries or rechargeable battery(ies) contained in the relevant article in the delivered state. *** Average hours of burning life as measured in the least energy-consuming mode (Low Power) and until residual luminous flux amounts to 1 lumen.

Features	LED LENSER® H7.2	LED LENSER® H7R.2
Smart Light Technology (SLT)	SLT 2	SLT 2
(SLT) Energy Modes	-	Constant Current Energy Saving
Advanced Focus System**	✓	✓
Transport Lock	✓	✓
Turning Focus	✓	✓
Multiple function switch	✓	✓
Rear light	-	✓
Battery Indicator	-	(lights when switched on)
Low Battery Message System	(flashing front LED)	(flashing front LED)
Rechargeable	-	✓

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