



# PRODUCT DATA SHEET

## EXH8R



# EXHOR

## PRODUCT DESCRIPTION

Chin up if you work in areas with dangerous gases or dusts. After all despite the rugged, dustproof housing protected against powerful water jets (IP66) it's extremely comfortable. Plus it's the first rechargeable headlamp with our patented<sup>3</sup> Advanced Focus System. It delivers up to 45 hours<sup>1</sup> of custom light for any application and includes a charging cradle to easily recharge it at any time.

- Magnetic Switch for easy operation with gloves and protective equipment
- First Ex lamp for Ex-Zone 1/21 with patented<sup>3</sup> Advanced Focus System
- Focusable
- Dustproof and protected against powerful water jets (IP66)
- Red rear light as a position marker

**7**  
**YEAR**  
**WARRANTY<sup>4</sup>**

### TECHNICAL DATA

Head diameter [mm]	41
Weight incl. batteries [g]	342
Weight without batteries [g]	266
Focus function	Yes
Head material	PC
Tube material	PC
Optic	Plastic lense (PMMA)
Headband material	Elastic fabric
Headband type	Side overhead headband
Head movement type	Stepless movement
Head movement angle [°]	55
Headband specifications	Detachable, Elastic, Rubberised back, Washable

### POWER SUPPLY

Power source type	Rechargeable battery
Battery quantity	1
Battery type	Li-ion
Battery description	1x18650 Battery Pack 3.7V
Total battery voltage [V]	3.7
Total battery capacity [mAh]	3250
Total battery energy <sup>2</sup> [Wh]	12
Rechargeable	Yes
Charging time <sup>5</sup> [min]	660
Charging technology	Internal
Energy status indicator	Charge Indicator

### EXPLOSION PROTECTION

ATEX Certificate	Baseefa17ATEX0157
IEC Ex Certificate	IECEX BAS18.0008
Ex marking	II 2G Ex ib op is IIC T4 Gb II 2D Ex ib op is IIIC T135°C Db
Ex-Zone Gas	1
Gas Group	IIA, IIB, IIC
Temperature Class Gas	T4
Ex-Zone Dust	21
Dust Group	IIIA, IIIB, IIIC
Temperature Class Dust	135 °C

### FURTHER SPECIFICATIONS

IP class	IP66
Drop test (drop height) [m]	1
Working temperature range [°C]	-20 to +40

### LIGHT FUNCTIONS

Low Power, Power

### LIGHT SOURCE

Amount LEDs	1
Color	White
Color temperature [K]	6000 to 8000
Color rendering index (CRI)	65

### LIGHT VALUES

	Boost	Power	Mid Power	Low Power
Light output <sup>1</sup> [lm]		200		45
Beam distance <sup>1</sup> [m]		130		60
Run time <sup>1</sup> [h]		10		45

### SWITCH

Magnetic Switch, Rotary Switch

### FEATURES

Rear light

### TECHNOLOGIES

Advanced Focus System<sup>3</sup>

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## PACKAGING AND LOGISTICS



### PACKAGING INFORMATION

Type of packaging	Sleeve Box
Scope of delivery	1 set of rechargeable batteries, Charging base, Power supply
Item No.	501018
Customs tariff number	85131000
Color	yellow
MSRP price (€)	169.90

### SINGLE PACKAGE

Dimensions W x H x D [cm]	26.6 x 16.6 x 10.1
Gross weight [g]	985
GTIN-13	4058205007443

### EXPORT CARTON

Unit	6
Dimensions W x D x H [cm]	37 x 30 x 35
Gross weight [kg]	7.29
GTIN-13	4058205007467

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## ACCESORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME	MSRP
Fastenings / Brackets	501595	Silicone Headband Type A	9.90 €
Charger / Cable	0412	5 Station Charging Panel	69.90 €

# EXHOR

## PRODUCT SERIES

### The Ledlenser EX series

If you're working in explosive environments, safety is extremely important when it comes to electronics. Safety which is defined in the ATEX directives of the European Union. Lamps in the Ledlenser EX and iL series meet these standards in every respect. Designed specifically for contact with explosive gases, vapors and dust in the best possible groups IIC and IIIC. They feature maximum dust and water protection, and are certified to ATEX directives. Yet both lines - in accordance with the ATEX workplace directives - are designed for different types of explosion hazards. The EX-series is suitable for areas where explosive atmospheres are regularly present (zones 0, 1, 20 or 21) and the iL-series for Zone 2/22. So you'll find the perfect lamp for any environment.

## 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) Measurements according to ANSI FL1 on the respective setting. Average values, in some cases, deviations by +/- 15 % may occur due to technical reasons. 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/h) on the lowest setting. A boost function (if available) can be used several times, but only for short periods of time. If no setting is explicitly indicated, 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) EP Patent 1880139, US Patent 7,461,960

4) Warranty period of five years from the date of purchase, seven years if the product is registered online on our website. The warranty is valid worldwide and legal warranty rights also apply. It covers defects in materials and workmanship. For the proper functioning of rechargeable batteries a different warranty period of 24 months applies. Excluded from this warranty are the products of the "Solidline" series, Ledlenser K1 and Ledlenser K2. The warranty does not apply to defects in batteries, holsters, pouches, remote switches, color filters, imprints or surface coatings. The guarantor is Ledlenser GmbH & Co. KG, Kronenstr. 5 - 7, 42699 Solingen, Germany. More information: [ledlenser.com/warranty](http://ledlenser.com/warranty)

5) Charging time varies by hardware used.