



# PRODUCT DATA SHEET

## EXH8



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## Ledlenser EXH8 180lm ATEX LED Headlamp Zone 0/20 (Box)

Those who want to maintain an overview and need their hands free in hazardous areas should keep the Ledlenser EXH8 in mind. Or better yet, have it right on their heads: this headlamp offers maximum safety from explosions in almost any situation with gas or dust hazards – and it's absolutely comfortable to wear. At the same time, it is the first headlamp for Ex Zone 0/20 with the patented<sup>3</sup> Advanced Focus System. So this headlamp is a customized light for every use.

- Magnetic Switch for easy operation with gloves and protective equipment
- Extremely comfortable to carry
- Focusable
- Long battery life (up to 40 hours<sup>1</sup>)
- Dustproof and protected against powerful water jets (IP66)
- Red rear light as a position marker

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

## SPECIFICATIONS

### TECHNICAL DATA

Head diameter [mm]	41
Weight incl. batteries [g]	345
Weight without batteries [g]	275
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	Battery
Battery quantity	3
Battery type	Alkaline
Battery description	AA 1.5V
Rechargeable	No

### EXPLOSION PROTECTION

ATEX Certificate	Baseefa17ATEX0157
IEC Ex Certificate	IECEX BAS18.0008
Ex marking	II 1G Ex ia op is IIC T4 Ga II 1D Ex ia op is IIIC T135°C Da
Ex-Zone Gas	0
Gas Group	IIA, IIB, IIC
Temperature Class Gas	T4
Ex-Zone Dust	20
Dust Group	IIIA, IIB, 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]		180		50
Beam distance <sup>1</sup> [m]		120		65
Run time <sup>1</sup> [h]		15		40

### 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	Box
Supplied with	Batteries
Item No.	501017
Customs tariff number	85131000
RRP ex/incl vat	£74.96 / £89.95
RRP ex/incl vat	Euro €81.26 / €99.95

### SINGLE PACKAGE

Dimensions W x H x D [cm]	26.6 x 16.6 x 10.1
Gross weight [g]	687
GTIN-13	4058205007412

### EXPORT CARTON

Unit	6
Dimensions W x D x H [cm]	37 x 30 x 35
Gross weight [kg]	5.46
GTIN-13	4058205007436

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## 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 global ATEX directives. Yet both lines - in accordance with the ATEX operating directives - are designed for different types of explosion hazards. The EX series is suitable for use in Zone 0/20 work areas and the iL series for Zone 2/222. 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."

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)