



— PRODUCT DATA SHEET EXH8



EXH8

PRODUCT DESCRIPTION

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 patented³ Advanced Focus System. The EXH8 is approved for the best possible gas and dust groups IIC and IIIC in zones 0, 1, 2 and 20, 21 or 22 (Ex ia op is IIC T4 Ga, Ex ia op is IIIC T₂₀₀135°C Da). It meets the most stringent explosion protection requirements.

- Magnetic Switch for easy operation with gloves and protective equipment
- Extremely comfortable to carry
- Focusable
- Extreme dust and water protection (IP68)
- Red rear light as a position marker

7
YEAR
WARRANTY⁴

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 |
| 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 T ₂₀₀ 135°C Da |
| Ex-Zone Gas | 0 |
| Gas Group | IIA, IIB, IIC |
| Temperature Class Gas | T4 |
| Ex-Zone Dust | 20 |
| Dust Group | IIIA, IIIB, IIIC |
| Temperature Class Dust | 135 °C |

FURTHER SPECIFICATIONS

| | |
|--------------------------------|------------|
| IP class | IP68 |
| 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 ¹ [lm] | | 180 | | 50 |
| Beam distance ¹ [m] | | 120 | | 65 |
| Run time ¹ [h] | | 15 | | 40 |

SWITCH

Magnetic Switch, Rotary Switch

FEATURES

Rear light

TECHNOLOGIES

Advanced Focus System³

EXH8

PACKAGING AND LOGISTICS



PACKAGING INFORMATION

| | |
|-----------------------|--|
| Type of packaging | Sleeve Box |
| Scope of delivery | 1 set of batteries, Battery cartridge |
| Item No. | 501017 |
| Customs tariff number | 8513100000 |
| Color | yellow |
| MSRP price (€) | 99.90 |

SINGLE PACKAGE

| | |
|---------------------------|------------------|
| Dimensions W x H x D [cm] | 26.6 x 16.6 x 10 |
| Gross weight [g] | 633 |
| GTIN-13 | 4058205007412 |

EXPORT CARTON

| | |
|---------------------------|----------------|
| Unit | 6 |
| Dimensions W x D x H [cm] | 38 x 31 x 36.5 |
| Gross weight [kg] | 5.3 |
| GTIN-13 | 4058205007436 |

EXH8

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 dust and water protection, and are certified to ATEX and IECEx. 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) Measurement values according to ANSI FL1 in the respective setting. 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 the light is equipped with (a) colored LED(s), the measurement values are given for the white light or the white LED. If the light has different energy modes, the measurement is made based on the "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 product series "Solidline", 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