



— PRODUCT DATA SHEET

EX7



EX7

PRODUCT DESCRIPTION

If you're rolling up your sleeves but want to keep your gloves on, the Ledlenser EX7 is the perfect lamp for you. The extra large Magnetic Switch is even easy to operate with the clunkiest protective equipment. Yet the flashlight is safe for use in Ex-Zone 0/20 and features a patented³ Advanced Focus System. Meaning you're safe in virtually any environment from tank to grain elevator with explosive gases or dusts. All this with a battery life of up to 45 hours.¹

- Magnetic Switch for easy operation with gloves and protective equipment
- First EX lamp for Ex-Zone 0/20 with patented³ Advanced Focus System
- Focusable
- Long battery life (up to 45 hours¹)
- Suitable for the highest gas and dust groups (IIC/IIIC)
- Battery operated, uses 3x alkaline AA

7
YEAR
WARRANTY⁴

TECHNICAL DATA

| | |
|------------------------------|----------------------|
| Length defocused [mm] | 161 |
| Length focused [mm] | 161 |
| Head diameter [mm] | 41 |
| Tube diameter [mm] | 41 |
| Weight incl. batteries [g] | 232 |
| Weight without batteries [g] | 164 |
| Focus function | Yes |
| Head material | PC |
| Tube material | PC |
| Optic | Plastic lense (PMMA) |
| Cartridge | Yes |

POWER SUPPLY

| | |
|---------------------|------------------|
| Power source type | Battery |
| Battery quantity | 3 |
| Battery type | Alkaline |
| Battery description | Mignon (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 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

Power, Low Power

LIGHT SOURCE

| | |
|-----------------------------|--------------|
| Amount LEDs | 1 |
| LED type | Xtreme LED |
| 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] | | 200 | | 60 |
| Beam distance ¹ [m] | | 120 | | 70 |
| Run time ¹ [h] | | 16 | | 45 |

SWITCH

Magnetic Switch, Rotary Switch

TECHNOLOGIES

Advanced Focus System³

EX7

PACKAGING AND LOGISTICS



PACKAGING INFORMATION

| | |
|-----------------------|---|
| Type of packaging | Sleeve Box |
| Scope of delivery | 1 set of batteries, Belt clip, Intelligent clip |
| Item No. | 500836 |
| Customs tariff number | 85131000 |
| Color | yellow |
| MSRP price (€) | 89.90 |

SINGLE PACKAGE

| | |
|---------------------------|----------------|
| Dimensions W x H x D [cm] | 22 x 7.4 x 8.4 |
| Gross weight [g] | 400 |
| GTIN-13 | 4058205001243 |

INNER CARTON

| | |
|---------------------------|----------------|
| Unit | 12 |
| Dimensions W x D x H [cm] | 46 x 23.5 x 19 |
| Gross weight [g] | 5110.5 |
| GTIN-13 | 4058205001250 |

EXPORT CARTON

| | |
|---------------------------|----------------|
| Unit | 24 |
| Dimensions W x D x H [cm] | 48 x 25.5 x 45 |
| Gross weight [kg] | 11.04 |
| GTIN-13 | 4058205001267 |

EX7

ACCESSORIES

| PRODUCT CATEGORY | ITEM NUMBER | PRODUCT NAME | MSRP |
|----------------------------|-------------|-------------------------|--------|
| Fastenings / Brackets | 500957 | Intelligent Clip Type G | 8.90 € |
| Color filter / Signal caps | 500958 | Signal Cone 42mm | 6.90 € |

EX7

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. Featuring dust and water protection, and 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) 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