



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 patented 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.

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, 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

Power, Low Power

LIGHT SOURCE

| | |
|-----------------------------|--------------|
| Amount LEDs | 1 |
| LED type | Xtreme LED |
| Color temperature [K] | 6000 to 8000 |
| Color rendering index (CRI) | 65 |

LIGHT VALUES

| | Boost | Power | Mid Power | Low Power |
|-------------------|-------|-------|-----------|-----------|
| Light output [lm] | | 200 | | 60 |
| Beam distance [m] | | 120 | | 70 |
| Run time [h] | | 16 | | 45 |

SWITCH

Magnetic Switch, Rotary Switch

TECHNOLOGIES

Advanced Focus System

BOX CONTENTS

1 set of batteries, Belt clip, Intelligent clip

FEATURES

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



7
YEAR
WARRANTY



LEDLENSER

— WITH US, THE JOBS ARE SAFE. AT LEAST WHEN IT COMES TO THE LIGHT.

Anyone who works in potentially explosive environments must pay attention to safety when working with electronic devices.

The lights of the new Ledlenser EX and iL series fulfil both Ex and IECEx standards in every respect. Specially designed for contact with explosive gases, vapours and dust in the best possible IIC and IIIC groups.

They are both optimally impervious to dust and water and are certified in accordance with the Ex & IECEx directives.

The two series are thereby organised for different situations of explosion hazards. The EX series is suitable for use in working areas of Zone 0/20 & Zone 1/21 (rechargeable EX models only) and the iL series for use in working areas of Zone 2/22.²

Discover the new EX & iL lights from Ledlenser.



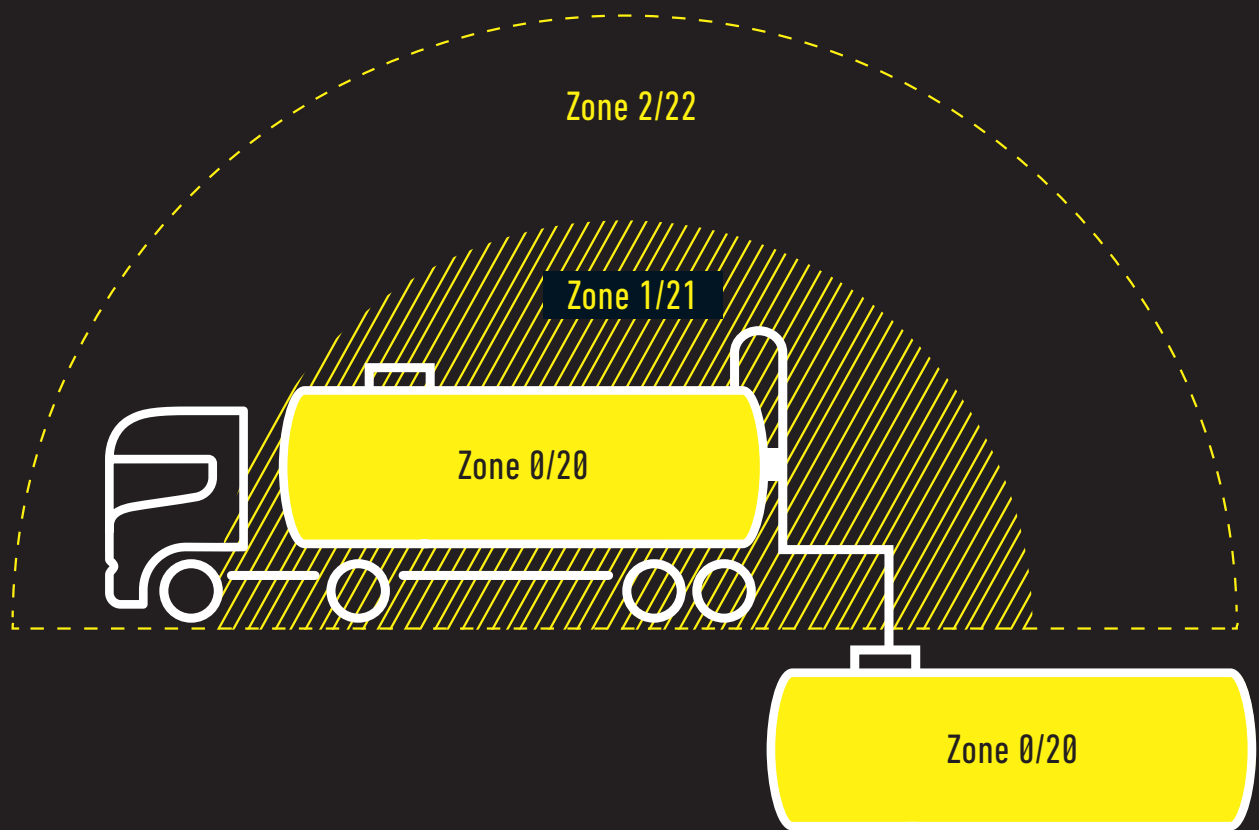
Ex

WE OFFER YOU THE BEST LIGHT FOR EVERY ENVIRONMENT:

- Oil and gas drilling rig
- Gas, oil and coal-fired power plant
- Chemical park
- Storage site for oil and gas
- Petrol station and road tankers
- Sewerage and sewage treatment plant
- Paint shop and car repair shop
- Pharmaceutical factory
- Food factory
- Distillery
- Sawmill

AND MUCH MORE

LEDLENSER SHINES A LIGHT — ON EXPLOSION PROTECTION.



ZONE
0/20

Working areas in which explosive atmospheres in the form of flammable gases, vapours or dust clouds (e.g. in gas tanks or grain silos) prevail **predominantly**.

ZONE
1/21

Working areas in which explosive atmospheres in the form of flammable gases, vapours or dust clouds prevail **occasionally**.

ZONE
2/22

Working areas in which explosive atmospheres in the form of flammable gases, vapours or dust clouds (e.g. in case of a gas leak) **usually do not prevail / prevail only for a short time**.