



— PRODUCT DATA SHEET

EX7



EX7

Ledlenser EX7 200lm ATEX LED Torch Zone 0/20 (Box)

A powerful 200 lumen Zone 0/20 Atex compliant intrinsically safe handheld torch. Can also be set to a low light 60 lumen output via the magnetic switch which has been specifically designed for easy operation even with thick PPE or gloves. The patented world class Advanced Focusing Optics allow for seamless selection of a spot beam for distance illumination or a flood beam for near illumination and is a first for a torch in this zone classification. The light pattern is even and bright without any messy rings or dark spots reinforcing the premium precision engineering. The 3xAAA batteries (supplied) can easily be changed without the need for any special tools or allen key, which can easily be lost or misplaced. A clever belt clip (supplied) firmly holds and directs the light beam thus enabling the EX7 to become a hand-free light. Backed by a 7-year with registration warranty for complete peace of mind.

- Powerful Atex compliant intrinsically safe torch for Zone 0/20
- Magnetic switch designed to work easily even with gloves on
- Patented Advanced Focusing Optics for spot (distance) or flood (near) illumination
- Clever belt clip accessory (supplied) for hands-free mounting and directing of light beam
- Exceptional run times up to 45 hours
- IP66 dust/water resistance
- II 1G Ex ia op is IIC T4 Ga
- II 1D Ex ia op is IIIC T200 135°C Da
- Powered by 3 x AA alkaline batteries (supplied)
- 7-year with registration warranty for complete peace of mind



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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	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,IIC
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
Colour	White
Colour temperature [K]	6000 to 8000
Colour 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

TECHNOLOGIESAdvanced Focus System³

EX7

PACKAGING AND LOGISTICS



PACKAGING INFORMATION

Type of packaging	Box
Supplied with	1 set of batteries, Belt clip, Intelligent clip
Item No.	500836
Customs tariff number	85131000
Colour	yellow

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
Fastenings / Brackets	500957	Intelligent Clip Type G
Colour filter / Signal caps	500958	Signal Cone 42mm



PRODUCT SERIES

Ledlenser Atex Series – Uncompromising Illumination for Hazardous Areas

The newest additions from Ledlenser, the world leader in LED portable lighting, is a range of intrinsically safe ATEX compliant torches and headlamps designed for those that work in any hazardous area yet who demand the very best in safety illumination.

As expected from a brand that is renowned and trusted worldwide by millions of users, the Ledlenser Atex Series of lights are a cut above the rest. Powerful enough to light up even the darkest of crevices or turn night into day, each light is stylishly designed and packed full of class leading features that combine harmoniously together thanks to precision German engineering. To further reinforce the quality of these lights, a 5-year standard warranty is extended to 7-years with online registration of the product for complete peace of mind.

Ledlenser's Patented Advanced Focusing Optics feature for spot (distance) or flood (near) illumination is a stand out technology from their core range of torches and headlamps, valued highly by users. This key feature has also been incorporated into the majority of the Atex series models enabling total beam focusing flexibility in a single light.

Each light is certified in accordance with European Union ATEX safety regulations, impervious to dust, water resistant to an extremely high level and specifically engineered for coming into contact with explosive gases, fumes and dust as defined in groups IIC and IIIC. Each of the three Gas Zones (0, 1, 2) and the three Dust Zones (20, 21, 22) have dedicated lights within the Ledlenser Atex Series range.

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