



# 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



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

### 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 <sub>200</sub> 135°C Da
Ex-Zone Gas	0
Gas Group	IIA, IIB, IIC
Temperature Class Gas	T4
Ex-Zone Dust	20
Dust Group	IIIA, IIIB, 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 <sup>1</sup> [lm]		200		60
Beam distance <sup>1</sup> [m]		120		70
Run time <sup>1</sup> [h]		16		45

### SWITCH

Magnetic Switch, Rotary Switch

### TECHNOLOGIES

Advanced Focus System<sup>3</sup>