LEDLENSER

PRODUCT DATA SHEET
EX4

ZONE 0/20

Ex

EX4

PRODUCT DESCRIPTION

Extremely lightweight, extremely small, extremely handy – and perfect for flexible use in explosive environments.The Ledlenser EX4 was designed specifically for Ex-Zone 0/20. At a mere 65 g it's easy to forget a you've got a full-blown Ledlenser in your pocket. Even better to always have it within reach in tricky situations.

- Extremely lightweight (65 g incl. batteries)
- Extremely small and handy (L 14.0 cm)
- Battery operated, uses 2x alkaline AAA
- Suitable for Ex-Zone 0/20 with gases up to IIC and T4 or dusts up to IIIC and T135°C

7 YEAR WARRANTY[4]

TECHNICAL DATA

Length defocused [mm]	140
Length [mm]	140
Head diameter [mm]	20
Tube diameter [mm]	20
Weight incl. batteries [g]	65
Weight without batteries [g]	42
Focus function	No
Head material	PC
Tube material	PC
Optic	Plastic lense (PMMA)
Cartridge	No

POWER SUPPLY

Power source type	Battery
Battery quantity	2
Battery type	Alkaline
Battery description	Micro (AAA) 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 T135°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	IP66
Drop test (drop height) [m]	1
Working temperature range [°C]	–20 to +40

LIGHT FUNCTIONS

Power

LIGHT SOURCE

Amount LEDs	1
LED type	Power LED
Color	White
Color temperature [K]	6000 to 7500
Color rendering index (CRI)	70

LIGHT VALUES

	Boost	Power	Mid Power	Low Power
Light output[1] [lm]		50		
Beam distance[1] [m]		35		
Run time[1] [h]		7		

SWITCH

End Cap Switch

LEDLENSER

EX4

PACKAGING AND LOGISTICS

PACKAGING INFORMATION

Type of packaging	Box
Scope of delivery	1 set of batteries, Manual
Item No.	500682
Customs tariff number	85131000
Color	yellow

SINGLE PACKAGE

Dimensions W x H x D [cm]	19 x 7 x 5.8
Gross weight [g]	127

INNER CARTON

Unit	6
Dimensions W x D x H [cm]	22.5 x 20 x 13
Gross weight [g]	912

EXPORT CARTON

Unit	48
Dimensions W x D x H [cm]	47 x 42 x 28.5
Gross weight [kg]	7.8

LEDLENSER

EX4

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 maximum dust and water protection, and certified to ATEX directives. Yet both lines - in accordance with the ATEX operating directives - are designed for different types of explosion hazards. The EX series is suitable for use in Zone 0/20 work areas and the iL series for Zone 2/22[2]. 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/hrs/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."

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

LEDLENSER