



# — PRODUCT DATA SHEET

## EX4



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. It is approved for the best possible gas and dust groups IIC and IIIC in zones 0, 1, 2 as well as 20, 21 or 22 (Ex ia op is IIC T4 Ga, Ex ia op is IIIC T<sub>200</sub>135°C Da). At a mere 65 g it's easy to forget that 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



### 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
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, IIB, 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

### 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 <sup>1</sup> [lm]		50		
Beam distance <sup>1</sup> [m]		35		
Run time <sup>1</sup> [h]		7		

### SWITCH

End Cap Switch

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## PACKAGING AND LOGISTICS



## PACKAGING INFORMATION

Type of packaging	Sleeve Box
Scope of delivery	1 set of batteries
Item No.	500682
Customs tariff number	8513100000
Color	yellow
MSRP price (€)	44.90

## SINGLE PACKAGE

Dimensions W x H x D [cm]	19 x 7 x 5.8
Gross weight [g]	155
GTIN-13	4058205000437

## INNER CARTON

Unit	6
Dimensions W x D x H [cm]	22.5 x 20 x 13
Gross weight [g]	1072
GTIN-13	4058205000451

## EXPORT CARTON

Unit	48
Dimensions W x D x H [cm]	48 x 43 x 30
Gross weight [kg]	9.6
GTIN-13	4058205000475

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ACCESSORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME	MSRP
Fastenings / Brackets	500954	Helmet Mount Type A	19.90 €
Fastenings / Brackets	500955	Helmet Mount Type B	19.90 €
Fastenings / Brackets	500956	Intelligent Clip Type F	8.90 €

# 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 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) Measurement values according to ANSI FL1 in the respective setting. 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 the light is equipped with (a) colored LED(s), the measurement values are given for the white light or the white LED. If the light has different energy modes, the measurement is made based on the "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 product series "Solidline", 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](http://ledlenser.com/warranty)