



# PRODUCT DATA SHEET

## EX4



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## Ledlenser EX4 50lm ATEX LED Torch Zone 0/20 (Box)

A handy slimline, lightweight (65g with batteries), 50 lumen intrinsically safe ATEX Zones 0/20 compliant inspection torch with a useful integrated pocket clip that is powered by the supplied 2xAAA batteries. Practical and easy to keep in a pocket at all times. Backed by a 7-year with registration warranty for complete peace of mind.

- Lightweight, intrinsically safe Zones 0/20 compliant LED torch
- Slimline with a handy pocket clip
- IP66 dust/water resistance
- II 1G Ex ia op is IIC T4 Ga
- II 1D Ex ia op is IIIC T200 135°C Da
- 2 x AAA (supplied)
- 7-year with registration warranty for complete peace of mind



### 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 | 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<br>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

### LIGHT SOURCE

|                              |              |
|------------------------------|--------------|
| Amount LEDs                  | 1            |
| LED type                     | Power LED    |
| Colour                       | White        |
| Colour temperature [K]       | 6000 to 7500 |
| Colour 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

# EX4

## PACKAGING AND LOGISTICS



### PACKAGING INFORMATION

|                           |                        |
|---------------------------|------------------------|
| Type of packaging         | Box                    |
| Supplied with             | 1 set of batteries     |
| Item No.                  | 500682                 |
| Customs tariff number     | 85131000               |
| Colour                    | yellow                 |
| <b>RRP ex / inc.vat £</b> | <b>£33.29 / £39.95</b> |
| RRP ex / inc.vat EURO     | €40.61 / €49.95        |

### 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]          | 1071.5         |
| GTIN-13                   | 4058205000451  |

### EXPORT CARTON

|                           |                |
|---------------------------|----------------|
| Unit                      | 48             |
| Dimensions W x D x H [cm] | 47 x 42 x 28.5 |
| Gross weight [kg]         | 9.55           |
| GTIN-13                   | 4058205000475  |

  
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## Accessories

| PRODUCT CATEGORY      | ITEM NUMBER | PRODUCT NAME            | RRP |
|-----------------------|-------------|-------------------------|-----|
| Fastenings / Brackets | 500954      | Helmet Mount Type A     | TBC |
| Fastenings / Brackets | 500955      | Helmet Mount Type B     | TBC |
| Fastenings / Brackets | 500956      | Intelligent Clip Type F | TBC |

# EX4

## 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."

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](http://ledlenser.com/warranty)