



# — PRODUCT DATA SHEET

## iL4



iL4

## PRODUCT DESCRIPTION

As small and handy as a pen but as rugged and most importantly as safe as other lamps in the iL series: The Ledlenser iL4. Designed specifically for environments where explosive atmospheres such as flammable gases, vapors or dust clouds can occur for a short period. And yet it's the cheapest lamp in the iL series. So not even costs will explode.

- Extremely lightweight (65 g incl. batteries)
- Extremely small and handy (L 14.0 cm)
- Battery operated, uses 2x alkaline AAA
- Suitable for use in environments with gas group IIA, B or C (up to T4) or dusts group IIIA, B or C (up to T135°C)



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

### 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       | Baseefa18ATEX0070                                   |
| IEC Ex Certificate     | IECEX BAS18.0008                                    |
| Ex marking             | II 3G Ex ic IIC T4 Gc<br>II 3D Ex ic IIIC T135°C Dc |
| Ex-Zone Gas            | 2   |
| Gas Group              | IIA, IIB, IIC                                       |
| Temperature Class Gas  | T4  |
| Ex-Zone Dust           | 22  |
| Dust Group             | IIIA, IIIB, 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] |       | 80    |           |           |
| Beam distance <sup>1</sup> [m] |       | 50    |           |           |
| Run time <sup>1</sup> [h]      |       | 4     |           |           |

### SWITCH

End Cap Switch

# iL4

## PACKAGING AND LOGISTICS



### PACKAGING INFORMATION

|                       |                    |
|-----------------------|--------------------|
| Type of packaging     | Sleeve Box         |
| Scope of delivery     | 1 set of batteries |
| Item No.              | 500684             |
| Customs tariff number | 85131000           |
| Color                 | black              |

### SINGLE PACKAGE

|                           |               |
|---------------------------|---------------|
| Dimensions W x H x D [cm] | 19 x 7 x 5.8  |
| Gross weight [g]          | 155           |
| GTIN-13                   | 4058205000444 |

### INNER CARTON

|                           |                |
|---------------------------|----------------|
| Unit                      | 6              |
| Dimensions W x D x H [cm] | 22.5 x 20 x 13 |
| Gross weight [g]          | 1072           |
| GTIN-13                   | 4058205000468  |

### EXPORT CARTON

|                           |               |
|---------------------------|---------------|
| Unit                      | 48            |
| Dimensions W x D x H [cm] | 48 x 43 x 30  |
| Gross weight [kg]         | 9.6           |
| GTIN-13                   | 4058205000482 |

The logo consists of the letters 'iL4' in a stylized font. The 'i' is black with a dot above it. The 'L' is black. The '4' is red. A horizontal line is positioned to the left of the 'i'.

## ACCESORIES

| PRODUCT CATEGORY      | ITEM NUMBER | PRODUCT NAME            |
|-----------------------|-------------|-------------------------|
| Fastenings / Brackets | 500954      | Helmet Mount Type A     |
| Fastenings / Brackets | 500955      | Helmet Mount Type B     |
| Fastenings / Brackets | 500956      | Intelligent Clip Type F |
| Battery               | 500981      | 4x AAA Alkaline Ionic   |



## PRODUCT SERIES

### The Ledlenser iL 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)