LEDLENSER

— PRODUCT DATA SHEET
iL7R

ZONE 2/22

iL7R

PRODUCT DESCRIPTION

With our rechargeable flashlight for Ex-Zone 2/22 you always have everything under control – even with work gloves. Thanks to the extra large Magnetic Switch which switches the Ledlenser iL7R on and off. Another advantage: You can always recharge it with the convenient charging cradle. If you're not already convinced, this will make sparks fly. Figuratively speaking.

- Rechargeable via charging cradle
- Magnetic Switch for easy operation with gloves and protective equipment
- Focusable
- Up to 360lm of brightness in Power Mode
- Light weight (228 g)
- Long battery life (up to 40 hours[1])

7 YEAR WARRANTY[4]

TECHNICAL DATA

Length defocused [mm]	161
Length focused [mm]	161
Head diameter [mm]	41
Tube diameter [mm]	41
Weight incl. batteries [g]	228
Weight without batteries [g]	152
Focus function	Yes
Head material	PC
Tube material	PC
Optic	Plastic lense (PMMA)
Cartridge	Yes

POWER SUPPLY

Power source type	Rechargeable battery
Battery quantity	1
Battery type	Li-ion
Battery replaceable	Yes
Total battery voltage [V]	3.7
Total battery capacity [mAh]	3250
Total battery energy[2] [Wh]	12
Rechargeable	Yes
Charging time[5] [min]	570
Energy status indicator	Charge Indicator

EXPLOSION PROTECTION

ATEX Certificate	Baseefa18ATEX0070
IEC Ex Certificate	IECEx BAS18.0008
Ex marking	II 3G Ex ic IIC T4 Gc
	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

Low Power, Power

LIGHT SOURCE

Amount LEDs	1
LED type	Xtreme LED
Color	White
Color temperature [K]	6000 to 8000
Color rendering index (CRI)	65

LIGHT VALUES

	Boost	Power	Mid Power	Low Power
Light output[1] [lm]		360		55
Beam distance[1] [m]		170		70
Run time[1] [h]		6		40

SWITCH

Magnetic Switch, Rotary Switch

TECHNOLOGIES

Advanced Focus System[3]

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PACKAGING AND LOGISTICS

PACKAGING INFORMATION

Type of packaging	Sleeve Box
Scope of delivery	1 set of rechargeable batteries, Belt clip, Charging station, Power adapter
Item No.	501052
Customs tariff number	85131000
Color	black

SINGLE PACKAGE

Dimensions W x H x D [cm]	22 x 14.7 x 8.4
Gross weight [g]	782
GTIN-13	4058205008624

INNER CARTON

Unit	6
Dimensions W x D x H [cm]	46 x 23.5 x 19
Gross weight [g]	4984
GTIN-13	4058205008631

EXPORT CARTON

Unit	12
Dimensions W x D x H [cm]	49 x 26.5 x 42.5
Gross weight [kg]	10.7
GTIN-13	4058205008648

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ACCESORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME
Fastenings / Brackets	500957	Intelligent Clip Type G
Color filter / Signal caps	500958	Signal Cone 42mm
Charger / Cable	0412	5 Station Charging Panel
Charger / Cable	0386	Car Charger

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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/hrs/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".

2) Calculated capacity value in watt-hours (Wh). This applies to the delivery state of the battery/ies inside the respective item, or for lights with rechargeable battery/ies, to the rechargeable battery/ies inside the product when fully charged.

3) EP Patent 1880139, US Patent 7,461,960

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

5) Charging time varies by hardware used.

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