LEDLENSER

PRODUCT DATA SHEET
iLH8R

ZONE 2/22

iLH8R

PRODUCT DESCRIPTION

If you're smart you'll err on the side of caution when working in explosive areas of Ex-Zone 2/22. And if you're really smart, you'll use the rechargeable version of the iLH8. After all it's 10 g lighter but has the same features as the battery powered version: dustproof housing protected against powerful water jets (IP68), comfortable to carry and features our patented[3] Advanced Focus System. All this at a maximum battery life of 40 hours[1] per charge. So the iLH8R is still running at full power when you're feeling drained.

- Rechargeable via charging cradle
- Magnetic Switch for easy operation with gloves and protective equipment
- First EX lamp for Ex-Zone 2/22 with patented[3] Advanced Focus System
- Focusable
- Long battery life (up to 40 hours[1])
- Red rear light as a position marker

7 YEAR WARRANTY[4]

TECHNICAL DATA

Head diameter [mm]	41
Weight incl. batteries [g]	342
Weight without batteries [g]	266
Focus function	Yes
Head material	PC
Tube material	PC
Optic	Plastic lense (PMMA)
Headband material	Elastic fabric
Headband type	Side overhead headband
Head movement type	Stepless movement
Head movement angle [°]	55
Headband specifications	Detachable, Elastic, Rubberised back, Washable

POWER SUPPLY

Power source type	Rechargeable battery
Battery quantity	1
Battery type	Li-ion
Battery description	1x18650 Battery Pack 3.7V
Total battery voltage [V]	3.7
Total battery capacity [mAh]	3250
Total battery energy[2] [Wh]	12
Rechargeable	Yes
UN number	UN 3481
Charging time[5] [min]	540
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
Color	White
Color temperature [K]	6000 to 8000
Color rendering index (CRI)	65

LIGHT VALUES

ANSI – Energy Saving	Boost	Power	Mid Power	Low Power
Light output[1] [lm]		300		50
Beam distance[1] [m]		160		70
Run time[1] [h]		7		40

SWITCH

Magnetic Switch, Rotary Switch

FEATURES

Rear light

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, Charging base, Power supply
Item No.	501074
Customs tariff number	85131000
Color	black
MSRP price (€)	139.90

SINGLE PACKAGE

Dimensions W x H x D [cm]	26.6 x 16.6 x 10.1
Gross weight [g]	985.5
GTIN-13	4058205008808

EXPORT CARTON

Unit	6
Dimensions W x D x H [cm]	37 x 30 x 35
Gross weight [kg]	7.29
GTIN-13	4058205008822

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ACCESORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME	MSRP
Fastenings / Brackets	501595	Silicone Headband Type A	9.90 €
Charger / Cable	0412	5 Station Charging Panel	69.90 €
Charger / Cable	0386	Car Charger	19.90 €

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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) 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."

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 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

5) Charging time varies by hardware used.

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