LEDLENSER

PRODUCT DATA SHEET
iLH8

ZONE 2/22

Ex

iLH8

PRODUCT DESCRIPTION

This Ledlenser makes it easy to brave any explosive work environment. The iLH8 is not only comfortable to wear, it is also the first headlamp for Ex Zone 2/22 with the patented[3] Advanced Focus System. This headlamp provides the right light for any situation and absolute safety for short-term explosive atmospheres. So you keep your mind free as well as your hands, leaving you to concentrate fully on your work.

- Magnetic Switch for easy operation with gloves and protective equipment
- Extremely comfortable to carry
- Focusable
- Long battery life (up to 38 hours[1])
- Dustproof and protected against powerful water jets (IP66 & IP68)
- Red rear light as a position marker

7 YEAR WARRANTY[4]

TECHNICAL DATA

Head diameter [mm]	41
Weight incl. batteries [g]	345
Weight without batteries [g]	275
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	Battery
Battery quantity	3
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
	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]		280		60
Beam distance[1] [m]		160		80
Run time[1] [h]		9		38

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 batteries, Battery cartridge
Item No.	501019
Customs tariff number	85131000
Color	black

SINGLE PACKAGE

Dimensions W x H x D [cm]	26.6 x 16.6 x 10
Gross weight [g]	651
GTIN-13	4058205007474

EXPORT CARTON

Unit	6
Dimensions W x D x H [cm]	38 x 31 x 36.5
Gross weight [kg]	5.2
GTIN-13	4058205007498

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ACCESORIES

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME
Fastenings / Brackets	501595	Silicone Headband Type A
Battery	500980	4x AA Alkaline Ionic

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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".

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

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