



— PRODUCT DATA SHEET

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 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.

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
Battery description	Mignon (AA) 1.5V
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	IP66
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 [lm]		280		60
Beam distance [m]		160		80
Run time [h]		9		38

SWITCH

Magnetic Switch, Rotary Switch

FEATURES

Rear light

TECHNOLOGIES

Advanced Focus System

BOX CONTENTS

1 set of batteries, Battery cartridge

FEATURES

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



7
YEAR
WARRANTY

— WITH US, THE JOBS ARE SAFE. AT LEAST WHEN IT COMES TO THE LIGHT.

Anyone who works in potentially explosive environments must pay attention to safety when working with electronic devices.

The lights of the new Ledlenser EX and iL series fulfil both Ex and IECEx standards in every respect. Specially designed for contact with explosive gases, vapours and dust in the best possible IIC and IIIC groups.

They are both optimally impervious to dust and water and are certified in accordance with the Ex & IECEx directives.

The two series are thereby organised for different situations of explosion hazards. The EX series is suitable for use in working areas of Zone 0/20 & Zone 1/21 (rechargeable EX models only) and the iL series for use in working areas of Zone 2/22.²

Discover the new EX & iL lights from Ledlenser.

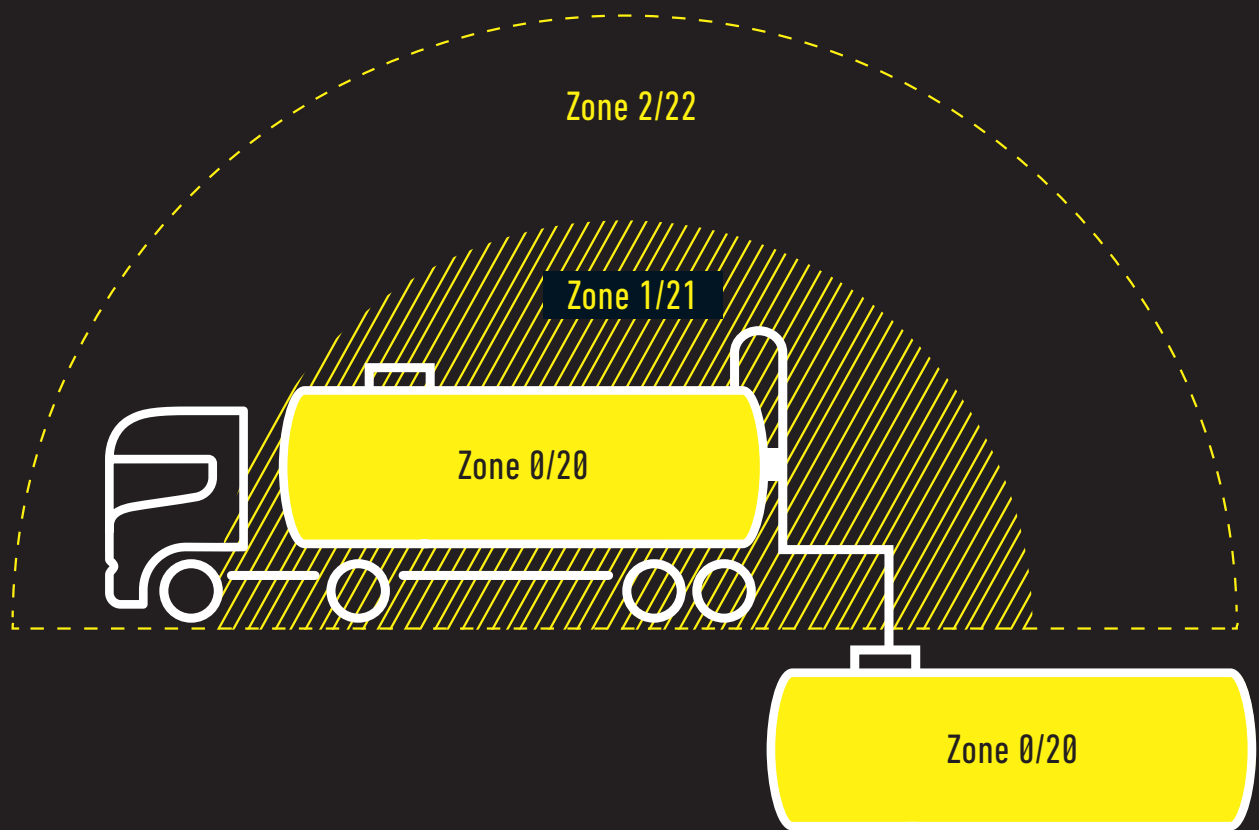


WE OFFER YOU THE BEST LIGHT FOR EVERY ENVIRONMENT:

- Oil and gas drilling rig
- Gas, oil and coal-fired power plant
- Chemical park
- Storage site for oil and gas
- Petrol station and road tankers
- Sewerage and sewage treatment plant
- Paint shop and car repair shop
- Pharmaceutical factory
- Food factory
- Distillery
- Sawmill

AND MUCH MORE

LEDLENSER SHINES A LIGHT — ON EXPLOSION PROTECTION.



ZONE 0/20

Working areas in which explosive atmospheres in the form of flammable gases, vapours or dust clouds (e.g. in gas tanks or grain silos) prevail **predominantly**.

ZONE 1/21

Working areas in which explosive atmospheres in the form of flammable gases, vapours or dust clouds prevail **occasionally**.

ZONE 2/22

Working areas in which explosive atmospheres in the form of flammable gases, vapours or dust clouds (e.g. in case of a gas leak) **usually do not prevail / prevail only for a short time**.