



— PRODUCT DATA SHEET

EXH8



EXH8

PRODUCT DESCRIPTION

Those who want to maintain an overview and need their hands free in hazardous areas should keep the Ledlenser EXH8 in mind. Or better yet, have it right on their heads: this headlamp offers maximum safety from explosions in almost any situation with gas or dust hazards – and it's absolutely comfortable to wear. At the same time, it is the first headlamp for Ex Zone 0/20 with the patented Advanced Focus System. The EXH8 is approved for the best possible gas and dust groups IIC and IIIC in zones 0, 1, 2 and 20, 21 or 22 (Ex ia op is IIC T4 Ga, Ex ia op is IIIC T 200 135°C Da). It meets the most stringent explosion protection requirements.



- Magnetic Switch for easy operation with gloves and protective equipment
- Extremely comfortable to carry
- Focusable
- Extreme dust and water protection (IP68)
- Red rear light as a position marker

TECHNICAL DATA	
Weight incl. batteries [g]	345
Material	PC
Headband color	Black/Yellow
Headband type	Side Overhead
Head movement type	Stepless Movement
Head movement angle [°]	55
Headband specifications	Washable, Elastic, Rubberised Back, Detachable
POWER SUPPLY	
Power source type	
Battery quantity	3
Rechargeable	No
Battery type	Alkaline
Total battery voltage [V]	1.5
Total battery capacity [mAh]	0
Total battery energy [Wh]	0 Wh
EXPLOSION PROTECTION	
Gas group	IIC
Temperature class gas	T4
Ex-Zone Dust	20
Dust group	IIIC

EXPLOSION PROTECTION		
max. surface temperature	135 °C	
FURTHER SPECIFICATIONS		
IP class	IP68	
Drop test (drop height) [m]	1	
Working temperature range [°C]	-20 to +40	
LIGHT FUNCTIONS		
Power, Low power		
LIGHT SOURCE		
Amount LEDs	1	
LED type	XPL	
Color	Cool White	
Color temperature [K]	6000 to 8000	
Color rendering index (CRI)	65	
LIGHT VALUES		
	Power	Low power
Light output [lm]	180	50
Beam distance [m]	120	65
Run time [h]	15	40

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SWITCH

Front Rotary switch

FEATURES

Rear Light

TECHNOLOGIES

Advanced Focus System

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PACKAGING AND LOGISTICS

PACKAGING INFORMATION

Type of packaging	Sleeve Box
Scope of delivery	Battery cartridge, 1 set of batteries - AA
Item No.	501017
Color	Yellow
MSRP price (€)	99.9

SINGLE PACKAGE

Dimensions W x H x D [cm]	26.6 x 16.6 x 10
Gross weight [g]	633
GTIN-13	4058205007412

EXPORT CARTON

Unit	6
Dimensions W x H x D [cm]	38 x 36.5 x 31
Gross weight [g]	5.3
GTIN-13	4058205007436

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ACCESSORIES

PRODUCT CATEGORY	ITEM NO.	PRODUCT NAME	PRICE
Mounts & Brackets	501595	Silicone Headband Type A	9.90 €

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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.

3) EP patent 1880139; US patent 7,461,960.

1) Measured values according to ANSI/PLATO FL 1 in the respective setting named. If no setting is specifically named, the luminous flux (lumens/lm) and range (meters/m) values refer to the brightest setting and the burn time (hours/h) values refer to the lowest setting. A boost function (if available) can be used several times, but is only available for a short time at a time. In case the lamp is equipped with colored LED(s), the measured values are given with white light or the white LED. If the lamp has different energy modes, the "energy saving mode" is the basis for the measurement.

*) 7 year warranty only if registered, otherwise 2 years. Warranty conditions viewable at <https://ledlenser.com/warranty>