



PRODUCT DATA SHEET

EXH8R



EXH8R

PRODUCT DESCRIPTION

Chin up if you work in areas with dangerous gases or dusts. After all despite the rugged, dustproof housing protected against powerful water jets (IP66) it's extremely comfortable. Plus it's the first rechargeable headlamp with our patented³ Advanced Focus System. It delivers up to 45 hours¹ of custom light for any application and includes a charging cradle to easily recharge it at any time.

- Magnetic Switch for easy operation with gloves and protective equipment
- First Ex lamp for Ex-Zone 1/21 with patented³ Advanced Focus System
- Focusable
- Dustproof and protected against powerful water jets (IP68)
- Red rear light as a position marker

7
YEAR
WARRANTY⁴

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
Total battery voltage [V]	3.7
Total battery capacity [mAh]	3250
Total battery energy ² [Wh]	12
Rechargeable	Yes
Charging time ⁵ [min]	660
Energy status indicator	Charge Indicator

EXPLOSION PROTECTION

ATEX Certificate	Baseefa17ATEX0157
IEC Ex Certificate	IECEx BAS18.0008
Ex marking	II 2G Ex ib op is IIC T4 Gb II 2D Ex ib op is IIIC T135°C Db
Ex-Zone Gas	1
Gas Group	IIA, IIB, IIC
Temperature Class Gas	T4
Ex-Zone Dust	21
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

	Boost	Power	Mid Power	Low Power
Light output ¹ [lm]		200		45
Beam distance ¹ [m]		130		60
Run time ¹ [h]		10		45

SWITCH

Magnetic Switch, Rotary Switch

FEATURES

Rear light

TECHNOLOGIES

Advanced Focus System³

EXH8R

PACKAGING AND LOGISTICS



PACKAGING INFORMATION

Type of packaging	Sleeve Box
Scope of delivery	1 set of rechargeable batteries, Charging station, Power adapter
Item No.	501018
Customs tariff number	85131000
Color	yellow

SINGLE PACKAGE

Dimensions W x H x D [cm]	26.6 x 16.6 x 10
Gross weight [g]	985
GTIN-13	4058205007443

EXPORT CARTON

Unit	6
Dimensions W x D x H [cm]	38 x 31 x 36.5
Gross weight [kg]	7.4
GTIN-13	4058205007467

EXHOR

ACCESORIES

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

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SPARE PARTS

PRODUCT CATEGORY	ITEM NUMBER	PRODUCT NAME	MSRP
Battery	SP500837_BB	EX18650B1 Li-ion Battery Pack	24.90 €

EXHOR

PRODUCT SERIES

The Ledlenser EX 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. They feature dust and water protection, and are 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/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.