



— PRODUCT DATA SHEET

EXH6R



EXH6R

PRODUCT DESCRIPTION

The compact EXH6R professional headlamp provides adjustable light in explosive environments. It is easy to mount – even on helmets with the correct accessories – and provides bright, reliable illumination at both short and long distance. If the light is running out of power, the lamp emits a light signal and provides sufficient remaining run time to safely leave the work area. The EXH6R sets itself apart with its integrated battery which can be replaced when necessary and features a status LED along with a separate, professional charging cradle. The battery is located at the back of the head to ensure ideal weight distribution; the battery can also be attached to clothing or equipment using an extension cable.



- Compact, versatile headlamp for explosive environments
- Separate LEDs for a focused high beam or a homogeneous, glare-free working light at close range
- Lamp head swivels in both directions for individual adjustment of the light beam
- Superb protection against dust and water: IP68
- Integrated, replaceable battery with professional charging station for mounting in workshops or vehicles, integrated battery, and charge level indicator

TECHNICAL DATA

Weight incl. batteries [g]	330
Material	PC
Headband color	Black/Yellow
Headband type	Side Overhead
Head movement type	Stepped Movement
Head movement angle [°]	135
Headband specifications	Detachable, Washable, Elastic

POWER SUPPLY

Power source type	
Battery quantity	1
Rechargeable	Yes
Battery type	Lithium-ion
Total battery voltage [V]	3.7
Total battery capacity [mAh]	1900
Total battery energy [Wh]	7.03 Wh
Battery replaceable	Yes
Charging time [min]	210
Energy status indicator	Battery Indicator, Charge Indicator, Low Battery Warning

EXPLOSION PROTECTION

Gas group	IIC
Temperature class gas	T4
Ex-Zone Dust	21
Dust group	IIIC
max. surface temperature	135 °C

FURTHER SPECIFICATIONS

IP class	IP68
Drop test (drop height) [m]	2
Working temperature range [°C]	-20 to +40

LIGHT FUNCTIONS

Combined, Spot, Flood, Low power

LIGHT SOURCE

	MAIN
Amount LEDs	2
LED type	-
Color	Cool White
Color temperature [K]	4600 to 5400
Color rendering index (CRI)	70

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LIGHT VALUES - Main				
	Combined	Spot	Flood	Low power
Light output [lm]	250	180	100	50
Beam distance [m]	170	140	30	90
Run time [h]	3	4	10	15

SWITCH
End-cap Magnetic switch
FEATURES
Backup Mode, Transportation Lock

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PACKAGING AND LOGISTICS



PACKAGING INFORMATION	
Type of packaging	Box
Scope of delivery	Charging station, Adaptor cable, Power adapter 19V
Item No.	502041
Color	Black/Yellow
MSRP price (€)	159
SINGLE PACKAGE	
Dimensions W x H x D [cm]	14.5 x 20.5 x 8.5
Gross weight [g]	880
GTIN-13	4058205016605
EXPORT CARTON	
Unit	12
Dimensions W x H x D [cm]	45.5 x 34 x 29
Gross weight [g]	11300
GTIN-13	4058205016629

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ACCESSORIES

PRODUCT CATEGORY	ITEM NO.	PRODUCT NAME	PRICE
Mounts & Brackets	501595	Silicone Headband Type A	9.90 €
Chargers & Cables	0386	Car Charger	19.90 €

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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.

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

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.

2) Calculated value of the capacity in watt-hours (Wh). This applies to the battery(ies) contained in the delivery condition of the respective item or, in the case of lamps with rechargeable battery, to the battery(ies) contained herein in a fully charged condition.