

ATEX FLASHLIGHT HL10 EX

Hand and helmet lamp for professional use in gas and dust explosion-prone areas of Ex-zones 1, 2, 21 and 22 - incl. 4x AA batteries

Technical Data / Information



Benefits at a glance

- Witte + Sutor GmbH has been in business for over 60 years, and this guarantees our perfected technology and optimum safety.
- We can provide the correct lighting for any purpose, whether short-distance, medium-distance or long-distance range, work lamps, emergency lamps, or for special applications.
- Robust design and easy to handle. Casing made of impact-resistant, self-extinguishing RABS material, environmentally friendly recycling.
- National and international seals of approval.
- We use quality batteries that are protected against overcharging and total discharge. AccuLux lamps are rechargeable up to 1,000 times.
- When the product lifecycle is over, you can return our lamps to us for disposal free-of-charge.

Instructions for the user

✔ Charge the lamps before use.

A new battery only reaches full capacity after a few charging and discharging cycles. Protect lamps from moisture and humidity. Do not use any damaged lamps. Only a skilled professional must carry out repairs.

✔ Charging

Switch off lamps before charging, plug the charging unit into the power outlet. The lamps are protected against overcharging. However: Avoid total discharge, i.e. do not leave the lamps switched on, because the battery can incur damage (does not apply to emergency lamps). Repeated discharging and charging can get the battery to regain its capacity.

✔ **Tip**

For long service life we recommend that NiMH batteries are charged every 6 months - even if the lamps have not been in use.

✔ **Disposal**

Do not throw defective lamps or used batteries in with domestic refuse, but take to a suitable collection point or send to us sufficiently postpaid.

✔ **Warranty**

For material or processing defects there is a warranty of 24 months. Wear parts such as lightbulbs and batteries are exempt from the warranty. In the case of improper use, the warranty claim expires.

Battery types and variations

Nickel-Metal-Hydride

- + higher capacity than Ni-Cd batteries
- + no memory effect
- + low environmental impact
- more expensive than Ni-Cd batteries

Lead Gel Batteries

- + suitable for lamps with high power consumption
- + no memory effect
- + completely recyclable
- + short recharge time
- + ideal for low temperatures

Nickel Cadmium

- pollutive (cadmium)

- relatively low capacity
- memory effect

Note:

Lead gel batteries are fitted in work and emergency lamps. Only environmentally friendly nickel metal hydride batteries are used in the other hand lamps.

Description

This explosion-proof high-power LED torch HL 10 EX consists of an impact resistant and waterproof plastic casing (IP 67). The innovative HL 10 EX - only 17 cm long and 167 g heavy - is the leader among comparable torches. The Power LED with a colour temperature of approx. 7000 Kelvin emits bright white light and reaches a large beam range. The brightness for a time of approx. 11 hours is made possible by 4 mignon batteries (AA). The lamp also convinces with the long service life of the powerful, energy saving LED, making replacement of bulbs obsolete. HL 10 EX is especially made for professional use as a helmet lamp such as for fire fighters.

The lamp is made in accordance with DIN 14649.

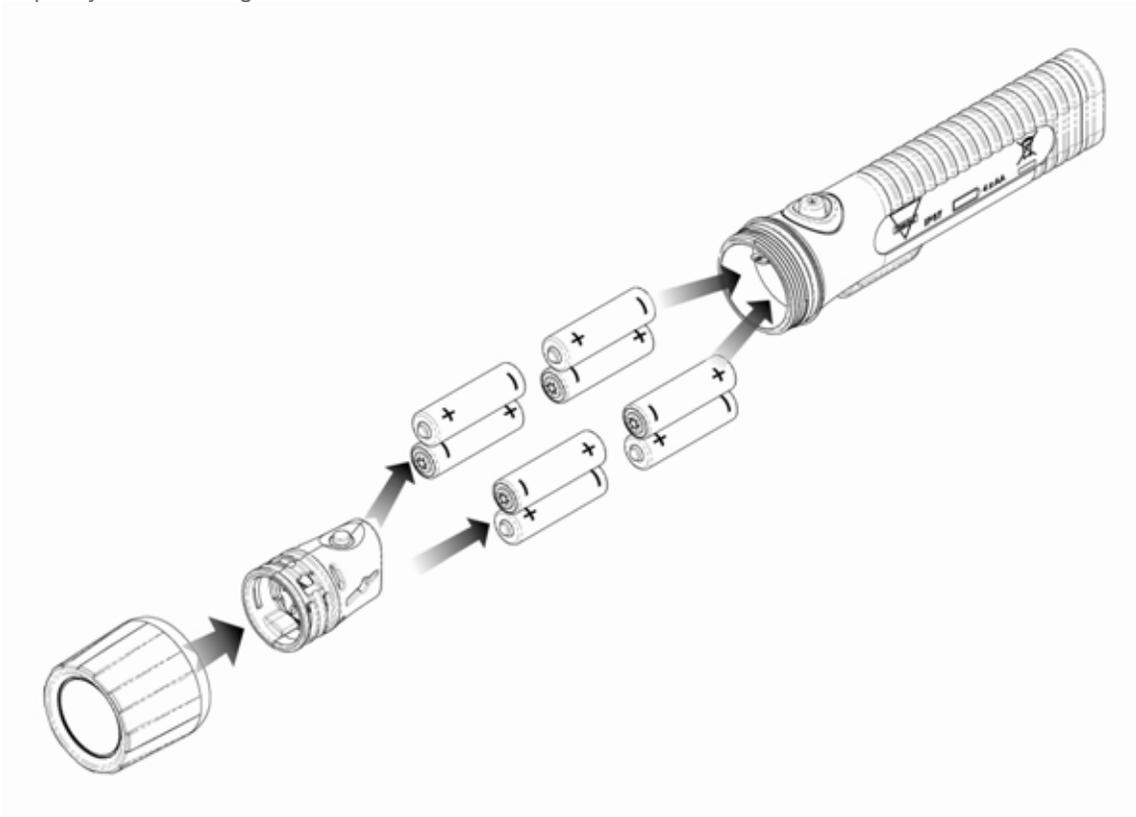
Special Features

- can be fixed at the helmet
- Bipolar Power Management *
- submersible til 1 m depth
- Power LED with bright white light
- light-weight, only approx. 167 g
- long operating time: approx. 11 h
- beam range of up to 150 m - no replacement of bulb

Technical Data

Article-No.	492022
Casing material	plastics (impact-resistant)
Bulb	Power LED
Operating time	approx.. 11 h
Beam range	approx. 150 m
Batteries	4 x AA, mignon
Enclosure type	IP 67
Weight	approx. 167 g
Dimensions in mm	172 x 41
Ex-zone	1, 2, 21 and 22
Ex-marking	 II 2 G Ex ib IIC T4 / II 2 D Ex ibD 21 T 135°C
ATEX-No.	TÜV-A 10ATEX0003

* Bipolar Power Management



Assembly of the bicycle mount FH 1X (accessory, Art. No. 491840).
Not approved in the region regulated by the German Road Traffic Licensing Regulations (StVZO).



