

Four LED EX Type 4172...

**Rechargeable torch for professional use in gas and dust explosion-prone areas of Ex-zones 1, 2, 21 and 22
Rating IP 65**

Description

This compact, impact resistant rechargeable battery-torch, AccuLux Four LED EX provides first-class LED light for up to 12 hours. Thanks to the state-of-art lens optics computed by a specialised institute, four lens-focused white LEDs generate a very bright, uniform beam. The service life of the LED lamp is virtually unlimited, thus no bulb replacement is required anymore. The robust and impact resistant plastic casing is built for rough applications. The Four LED EX can be recharged up to 1 000 times and the integrated power plug ensures flexibility and mobility. The environmentally friendly NiMH rechargeable battery does not show any memory effect, can be charged continuously and is protected against total discharge by the intelligent charger circuit. TÜV-tested quality "Made in Germany"! The lamp is made in accordance with DIN V 14649.



Fig. 1: Lamp Four LED EX, Type 4172...



Fig. 2: Lamp Four LED EX, Type 4172...

Special Features

- Unique: rechargeable at any 230 V – socket
- Can be fixed at the helmet (helmet terminal holder as spare parts)
- Extremely bright, white light
- Impact-resistant, light-weight and compact
- NiMH rechargeable battery, up to 1 000 charges, no memory effect
- Long service life of the 4 LED lamps
- Long operating time (12 hours)

Included in Delivery

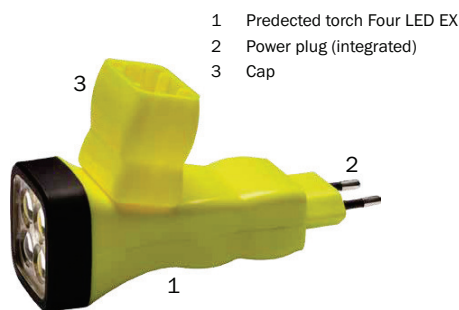


Fig. 3: Included in delivery Four LED EX Type 4172...

Dimensions

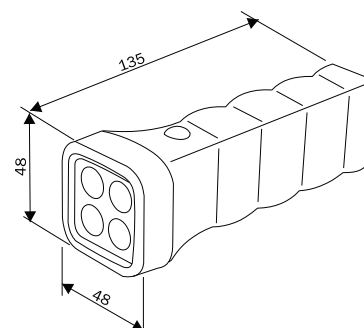



Fig. 4: Dimensions Four LED EX Type 4172...

Schematic illustration

 - Rechargeable LED Torch

Technical Data

Article No. (see ordering code)	4172...
Casing material	Plastics (impact resistant)
Enclosure type of lamp	IP 65
Bulb	4x Nichia LED 5 mm
Operating time	approx. 12 h
Light intensity	4x 30 000 mcd
Beam range	approx. 50 m
Rechargeable battery	NiMH 4,8 V/550 mAh
Charging time	approx. 12 h
Charging voltage	120 V/230 V AC 50/60 Hz
Weight of lamp	150 g
Dimensions in mm	135x48x48
Ex-Zone	1, 2, 21 and 22
Ex-marking	 II 2 G Ex ib II C T4/II 2D Ex ibD 21 T 135 °C
ATEX-No.	TÜV-A 09 ATEX 0003
Temperature range	-20 ... +40 °C

Applications

- Industry for chemistry, oil and gas
- Electricity, fault clearance, municipal utility
- Fire brigade
- Emergency medical services
- Shipyard
- Commerce fire preduction
- Handcraft
- Biogasanlagenhersteller

More safety and better vision!



Fig. 5: The rechargeable battery-torch Type 4172... with integrated power plug

Accessory

Article No.	Designation
417840	Helmet terminal holder

Additional accessories and spare parts are available on request

Example Accessory


Fig. 6: Helmet terminal holder

Ordering Code

Model Four LED EX

Type **4172**

Colour

Yellow (ge)

2

Package

Blister package (BV)

2

Example of ordering key

417222

Model AccuLux Four LED EX, Type 4172, yellow (ge): 2, with blister package (BV): 2