



MICA IL800 LED ATEX - ZONE 0



- The life time of the illuminants is about 50,000 hours which makes an illuminant replacement nearly unnecessary. The shock-proof housing is made of an antistatic plastic and is dust- and water-proof (IP67). The lens consists of 5 mm thick, specially hardened glass.
- The hand lamp has matchless electronics, manifold functions and an exceptionally robust construction. The latest electronics protect the battery from deep discharge and warns when the battery capacity is low. This happens by flashing a light beam when just a rest capacity of 20-30 minutes is available. Zone 0 and zone 1 are also available with emergency light or flashing feature. The new **IL800 LED ATEX** is compatible with an ILC charger and is completely charged within 5.5 hours.
- Furthermore, the **IL800** can also be equipped with CRI -90+ LEDs.
- **MICA IL800** luminaires are certified by the TÜV. Supreme quality is guaranteed with ISO 9001:2008 compliant quality system and specially Zone 0 certified manufacturing process.

Technical Data

Photometric Data	
Illuminant	3 High Power LED
Luminous flux approx.	Highest power: 200 lm Lowest power: 80 lm
Life time approx.	50.000 hrs
General Data	
Operating time approx.	Highest performance: 6 hrs Lowest performance: 12 hrs
Battery	NiMH 6 V
Charging time	5,5 hrs
Housing	Antistatic polypropylene
Lens	Hardened glass
Ambient temperature	-20 °C to +40 °C
Dimension (LxBxH) approx.	121 x 121 x 216 mm
Weight approx.	1.100 g
IP code	IP67
Item-No.: Safety hand lamp	40_117501
Item-No.: Safety hand lamp emergency function	40_117502

Note: For charging, a power supply IL2 (item no. 40_112700) and the charger ILC (item no. 40_112300) is needed.

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Type of protection	II 1G Ex ia IIC T4 Ga II 2D Ex tb IIIC 100°C IP67 Db
Certification	ATEX: TÜV 10 ATEX 7878 IECEx: IECEx TUR 11.0008
Classification G (gas)	Zone: 0, 1 and 2
Classification D (dust)	Zone: 21 and 22
Temperature class	T 4 (gas) and 100°C (dust)
IP code	IP67

▶ Features

- Housing made of antistatic plastic (impact-proof)
- Dust- and water-proof
- Lens consists of 5 mm thick hardened glass
- Warning when battery capacity is low
- Also available with emergency light feature
- TÜV certification
- Also available with CRI -90+