



MICA IL800 LED ATEX - ZONE 1



- MICA **IL800** EX safety lamp uses three High-Power LED with a service life of ca. 50 000 hours, which means you can say farewell to bulb changes. The shock resistant body is manufactured completely of antistatic plastic and its enclosure class is IP 67. The lens of the lamp is five millimeters thick and specially toughened. The lamp boasts unparallel electronics, versatile functions and an extremely robust structure.
- Advanced electronics of intrinsically safe IL-800 EX prevent deep discharge of the battery and indicate low battery charge. The electronics warn the user of low battery charge by flashing the light beam when there is 20-30 minutes of operating time left. Both Zone 0 and Zone 1 versions are available with MICA Emergency lighting function (EM) and and/or a blinking mode in it (BK). New **IL800** is compatible with MICA ILC4 chargers which will recharge empty IL-800 in 5.5 hours.
- **IL800** may also be ordered with special CRI-90+ LEDs.
- MICA **IL800** series lamps are certified by 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 Flashing function: 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 (LxWxH) approx.	121 x 121 x 216 mm
Weight approx.	1.100 g
IP code	IP67
Item-No.: Safety hand lamp	40_117511
Item-No.: Safety hand lamp emergency function	40_117512
Item-No.: Safety hand lamp flashing function	40_117513

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

ML800 LED ATEX - ZONE 1

Type of ignition protection	II 2G Ex ib IIC T4 Gb II 2D Ex tb IIIC 100°C IP67 Db
Certification	ATEX: TÜV 10 ATEX 7879 IECEx: IECEx TUR 11.0009
Classification G (gas)	Zone: 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+