

A full-page photograph of a man in industrial safety gear. He is wearing a white hard hat, safety glasses, and a high-visibility yellow jacket with reflective silver stripes. He is holding a flashlight in his right hand, which is illuminated. The background is dark and industrial, with some metal railings visible.

**MICA**   
**PRODUCTS**

## MICA® IL-800

- ATEX & IECEX CERTIFIED • THREE HIGH-POWER LEDs
- TEMPERATURE CLASSIFICATION T4 • UP TO 200 LUMENS GUARANTEED OVER LED LIFETIME • OPTIONAL EMERGENCY FUNCTION (EM) AND BLINK MODE (BK)
- ROBUST IP67 HOUSING • SINGLE SWITCH CONTROL FOR TWO POWER MODES • ZONE 0 & ZONE 1 VERSIONS



The Atexor MICA® IL-800 Zone 0 and Zone 1 are all-purpose, high quality hand lamps specially designed for use in Explosion Hazardous Areas. A handy dual-mode switch lets you choose between extending operating time or boosting light output.

Featuring a robust, dissipative construction and a tempered 5 mm lens, this hand lamp will not let you down when it is most needed. As an added bonus, the MICA® IL-800 floats if dropped in water.

Advanced electronics prevent deep discharge of the battery, and when battery is getting low, the beam starts to blink at 1.5 second intervals.

While the Zone 1 can be used in the most common hazardous area scenarios for gas and dust, we constructed the Zone 0 for particularly dangerous gas conditions.

Both Zone 0 and Zone 1 models are available with the Atexor emergency lighting function (EM Function). When the hand lamp with EM-function is in the charger, it detects a power outage and turns on automatically.



TECHNICAL DATA	IL-800 ZONE 0 AND ZONE 1
Certification	<b>IL-800 ZONE 0:</b> II 1 G Ex ia IIC T4 Ga II 2 D Ex tb IIIC T100°C IP67 Db <b>IL-800 ZONE 1:</b> II 2G Ex ib IIC T4 Ga II 2D Ex tb IIIC 100°C IP67 Db
Area of classification: Gas	<b>IL-800 ZONE 0:</b> 0, 1 and 2 <b>IL-800 ZONE 1:</b> 1 and 2
Area of classification: Dust	<b>IL-800 ZONE 0 and IL-800 ZONE 1:</b> Zones 21 and 22
IP rating	IP67
Light source	3x Ultra-bright LEDs
Battery	6V NiMH
Operating time	Full power 6 hrs, Low power 12 hrs
Operating temperature	-20 to +40 °C
Weight	1.1 kg



**BRIGHT TOOLS FOR  
PROFESSIONALS.**

**MICA® ML-808** 

- HIGH-POWER CREE LED • TWO-MODE BEAM, 25 AND 100 LUMENS • OPERATING TIME UP TO 15 HOURS • RECHARGE IN LESS THAN 3 HOURS
- LED-BAR INDICATOR FOR BATTERY CAPACITY
- OPTIONAL EMERGENCY FUNCTION (EM) • OPTIONAL BLINKING FUNCTION (BK)



The MICA® ML-808 is the latest in high-powered ATEX hand lamps. It is a step up from the well-known MICA® ML-800. The new ML-808 is stored and recharged in the same MICA® MLC charging dock as previous MICA® ML-series lights. Two power modes allows the user to obtain the best combination of light power and usage time.

The lamp is equipped with an environmentally friendly NiMH battery offering continuous operating time up to 15 hours. Advanced electronics in the ML-808 protect the battery from deep discharges and warn the user of low battery charge by flashing the light beam when there is only 20 minutes of operating time left. The shock resistant IP-65 casing is manufactured entirely of anti-static plastic and aluminium. The lens is three millimetres thick and specially toughened. MICA® ML-808 is supplied with a strong belt clip and wrist strap.

TECHNICAL DATA	ML-808
Certification	II 2 G Ex ib op is IIC T4 Gb II 2 D Ex ib op is IIC T135°C Db
Area of classification: Gas	Zones 1 and 2
Area or classification: Dust	Zones 21 and 22
IP rating	IP65
Light source	Ultra-bright LED
Battery	6V NiMH
Operating time	Full power 4 hrs 30 min Low power 15 hrs
Operating temperature	-20 to +40 °C
Dimensions/Weight	120 x 64 x 55mm/400g



**Intelligent chargers for MICA® lamps**

**MICA ILC4-VAC (FOR IL-SERIES)** Rugged aluminium construction, LED light indicates charging state, Input: 85...265VAC

**MICA ILC4** LED light indicates charging state, Input: 12...24VDC

**MICA MLC (FOR ML-SERIES)** LED indicators for charging state, Fast charge in less than 3 hours

**MICA IL-2** Input voltage 90...265VAC, Supports ILC4 and MLC, EUR, US, SAA & UK plugs available