



MICA® IL-800 ATEX/IECEX  
HAND LAMP



- A heavy duty, dual-mode hand lamp for ATEX and IECEx Zones 0 and 1
- Three high-power CREE LEDs
- ATEX / IECEx to Zone 0 and Zone 1 areas ,Temperature classification T4

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 15 second intervals. 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.




**MICA® IL-800 ATEX/IECEX  
HAND LAMP**


MODEL	IL-800 Zone 0	IL-800 Zone 1
Product description	IL-800 Zone 0 EM: Rechargeable emergency lamp IL-800 Zone 1 EM: Rechargeable emergency lamp	
Certification	<b>ATEX:</b> TÜV 10 ATEX 7878 <b>IECEX:</b> IECEX TUR 11.0008  II 1G Ex ia IIC T4 Ga II 2D Ex tb IIIC 100°C IP67 Db	<b>ATEX:</b> TÜV 10 ATEX 7879 <b>IECEX:</b> IECEX TUR 11.0009  II 2G Ex ib IIC T4 Gb II 2D Ex tb IIIC 100°C IP67 Db
DNV Certification	E-11961	
Area of operation	Gas zones 0, 1 and 2 Dust zones 21 and 22	Gas zones 1 and 2 Dust zones 21 and 22
Temperature classification	Gas: T4 Dust: 100°C	
Operating temperature	-20°C ... +40°C	
Light source	3 high luminous Cree LED's, lifetime: 50 000h	
Light output	High power 200 lm	Low power 80 lm
Operating time	High power 6 hours	Low power 12 hours
Beam type	Spot	
Lens	Tempered glass 108 x 5 mm	
Enclosure	Dissipative (antistatic) polypropylene, impact resistant	
Ingress protection	IP 67	
Power source	6V rechargeable NiMH battery	
Weight with battery	1,1 kg	
Dimensions	Approx. 215 mm (L) x 120 mm (W) x 125 mm (H)	
Charging time	5,5h	
Other features	Deep discharge prevention Low battery warning before battery runs out Emergency function in EM model BK model flashes once in a second Shoulder strap	
Chargers	MICA ILC4-VAC Single mains charger (85..265VAC) MICA ILC4 single vehicle charger (12..24VDC) MICA CR-C3 Multi charger for 3 lamps (100..240VAC) MICA CR-C5 Multi charger for 5 lamps (100..240VAC)	


**MICA**
**ML-808 EM ATEX**


## A light weight, all-purpose flashlight for Explosion Hazardous Areas

Delivering up to 15 hours of operating time, the Atexor MICA® ML-808 is an excellent, all-purpose ATEX hand lamp. We made sure the ML-808 can withstand a hard work life. We manufacture the shock resistant enclosure with strong plastic and aluminum. Even the glass lens is 3 mm thick and specially toughened. This hand lamp is ready to take a beating.

Advanced electronics in the ML-808 protect the battery from deep discharges, and we included an emergency function as well. The hand lamp warns you of a low battery by flashing the light beam when there is about 20 minutes of operating time left.

The MICA® ML-808 comes with strong belt clip and wrist strap.

<b>MODEL</b>	<b>ML-808 ATEX EM</b>
<b>Product description</b>	ML-808 ATEX EM: Rechargeable emergency safety lamp
<b>Certification</b>	<b>ATEX:</b> VTT 13 ATEX 024 Issue 1 II 2G Ex ib IIC T4 Gb II 2D Ex ib IIIC T135 °C Db
<b>Area of operation</b>	Gas: zones 1 and 2 Dust: zones 21 and 22
<b>Temperature classification</b>	Gas: T4 Dust: 135°C
<b>Operating temperature</b>	-20°C ... +40°C
<b>Light source</b>	1 high luminous Cree LED, lifetime: 50 000hrs
<b>Light output</b>	Full power: Over 100 lm Low power: 25 lm
<b>Operating time</b>	Full power: 4 hours 30 min Low power: 15 hours
<b>Beam type</b>	Spot beam
<b>Lens</b>	Tempered glass 41,5 x 3,2 mm
<b>Enclosure</b>	Dissipative (antistatic) polypropylene + aluminium, impact resistant
<b>Ingress protection</b>	IP 65
<b>Power source:</b>	6V rechargeable NiMH battery
<b>Weight with battery</b>	0,40 kg
<b>Dimensions</b>	120 mm (H) x 63 mm (W) x 54 mm (L)
<b>Charging time</b>	2 h 30 min
<b>Other features</b>	Deep discharge prevention Battery capacity indicator low battery warning Wrist strap
<b>Chargers</b>	MICA MLC Single fast charger (12..24VDC)