 **ATEXOR**



MICA 

**EX-CERTIFIED HAND LAMPS
FOR EXTREME CONDITIONS**

MICA IL-SERIES EX HANDLAMPS



**SMART ON THE INSIDE,
ROBUST ON THE OUTSIDE**

MICA[®] IL-800 ZONE 0

ZONES **0** **(21)**



- DNV TYPE APPROVAL CERTIFIED
- THREE HIGH-POWER CREE LED_s
- TEMPERATURE CLASSIFICATION T4
- UP TO 200 LUMENS GUARANTEED OVER LED LIFETIME
- OPTIONAL EMERGENCY FUNCTION (EM) AND BLINK MODE (BK)
- ROBUST IP67 HOUSING

MICA IL-800 ZONE 0 and ZONE 1 are all-purpose high quality handlamps specially designed for use in explosion hazardous areas and in the harshest conditions. Thanks to the ergonomic dual-mode switch, the user can choose between long operating time and extreme light output. Robust, anti-static construction with tempered 5mm lens, this lamp will not let you down when it is most needed. The MICA IL-800 floats if dropped in water.

MICA[®] IL-800 ZONE 1

ZONES **1** **(21)**

The advanced electronics prevent deep discharge of the battery and indicate low battery charge. Both Zone 0 and Zone 1 models are available with the MICA emergency function (EM) and blinking mode (BK). When the IL-800 hand lamp with EM-function is in charger, it can detect a power outage and turn on automatically. When the remaining battery power is getting low, the beam starts to blink at 15 second intervals.

The MICA IL-800 is compatible with MICA ILC4 chargers that can recharge an empty IL-800 unit in less than 6 hours and even in +40°C. The MICA IL-800 may also be ordered with special CRI-90+ LEDs for better colour rendering.

TECHNICAL DATA	IL-800
Certification	IL-800 ZONE 0: TÜV 10 ATEX 7878 IL-800 ZONE 0: IECEx TUR 11.0008 IL-800 ZONE 1: TÜV 10 ATEX 7879 IL-800 ZONE 1: IECEx TUR 11.0009
Area of classification: Gas	IL-800 ZONE 0: 0, 1 and 2 IL-800 ZONE 1: 1 and 2
Area of classification: Dust	IL-800 ZONE 0 and IL-800 ZONE 1: 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

MICA[®] IL-80 ATEX LED

ZONES **1** **(21)**



- ROBUST IP-67 HOUSING
- DNV TYPE APPROVAL CERTIFIED
- 80 LUMENS LED
- UP TO 21 HOURS OF OPERATING TIME
- OPTIONAL EMERGENCY FUNCTION (EM)

The MICA IL-80 ATEX LED, like the IL-800 models, benefits users with a combination of smart design and robust materials. It has an incredible 21-hour operating time.

The IP67 shock resistant casing is manufactured entirely from anti-static plastic. The waterproof IL-80 hand lamp floats if dropped to water. The lens is five millimetres thick and specially toughened, additionally a reflector helps concentrate the light beam over long distances.

Advanced electronics prevent deep discharge of the battery and indicate low battery charge. The MICA ILC4 charger recharges the MICA IL-80 ATEX LED even in + 40°C.

TECHNICAL DATA	IL-80
Certification:	VTT 12 ATEX 004X Issue 1
Area of classification: Gas	Zones 1 and 2
Area of classification: Dust	Zones 21 and 22
IP rating	IP67
Light source	MICA L200Ex LED
Battery	6V NiMH
Operating time	Full power 10 hrs 30 min, Low power 21 hrs
Operating temperature	-20 to +40 °C
Weight	1.1 kg



**POCKET-SIZED LIGHTING FOR
THE TOUGHEST ENVIRONMENTS**

MICA[®] ML-808



**SAFE LIGHT!
OP IS IN
CONTROL**



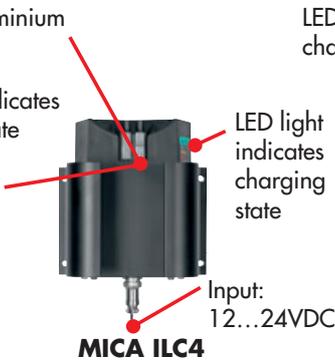
- HIGH-POWER CREE LED • TWO-MODE BEAM, 25 AND 100 LUMENS • OPERATING TIME UP TO 15 HOURS • RECHARGE IN LESS THAN 3 HOURS • LED-BAR INDICATOR FOR BATTERY CAPACITY
- OPTIONAL EMERGENCY FUNCTION (EM) • OPTIONAL BLINKING FUNCTION (BK)

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	VTT 13 ATEX 024 Issue 1
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



The intelligent MICA chargers keep lamps ready for use without overcharging the battery. Keeping MICA hand lamps permanently in their chargers when not in use is recommended. The rugged construction and snug fit will keep the lamp secure even in the roughest conditions.

The MICA ILC4-VAC charger is fed directly from the mains (85...260VAC). The ILC4 and MLC charger can be connected to a vehicle battery (12...24VDC) or to the mains with MICA

IL-2 adapter. The MICA charger range also includes special VAC/ VDC chargers that can be fed from a vehicle battery and/or the mains and it changes input automatically fire truck use, for example.

With multi-station MICA CR charger racks, you can fit your lamp/battery charger bay into a more compact space with minimum installation time. Ask for further information about other MICA Charging systems!





ATEXOR

The wealth of experience of Centaurea Oy and Mica Elektro Oy has been combined in ATEXOR OY, wholly owned by Teknopower Group.

From the very beginning, certified safety lamps for explosion hazard areas have formed a core part of the offering from both Centaurea and Mica Elektro. With an ISO 9001:2008 quality system and ATEX certified production, the R&D and manufacturing teams based in Finland work tirelessly to create better, safer and more durable lighting solutions.

The Atexor portfolio includes dozens of dependable SLAM and MICA products for professional use. Developed in conjunction with professional users around the world, they combine highly advanced electronics with practical design. Both MICA and SLAM products are available as EX-protected and as non-EX-protected for conditions that do not require EX-protection.

MICA INDUSTRIAL
HANDLAMPS

SLAM PORTABLE INDUSTRIAL
LIGHTING SYSTEMS

Some examples of our products can be seen here. To view all Atexor products, please visit our website at www.atexor.com



ATEXOR IS ON HAND TO HELP YOU WITH ANY QUERIES YOU MAY HAVE CONCERNING OUR PRODUCTS OR SERVICES. IF YOU NEED GUIDANCE IN CHOOSING THE RIGHT SOLUTIONS TO SUIT YOUR REQUIREMENTS AND WORKING CONDITIONS, PLEASE CONTACT US.

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