

ZONE 0
ZONE 1

- mica -

IL-800 ZONE 0 

IL-800 ZONE 1 

Zone 0 & Zone 1 versions • Three Ultra-bright LEDs • TÜV certification • Dual power switch controls two power modes • IP 67 housing • Toughened glass lens • Easy to service construction • MICA EM-function • Low-battery warning function and deep-discharge prevention • MICA CRI-90+ • Designed and manufactured in Finland



All IL-800 series lamps are available with special CRI-90+ LEDs.

Extreme lighting power for ZONE 0 and ZONE 1

The mechanical and electrical construction of MICA IL-800 lamps is designed for the harshest conditions and MICA will not let you down when it is most needed. New IECEx / ATEX -approved MICA IL-800 meets all requirements of the most demanding professionals.

Three ultra-bright LEDs afford over 200 lumen output. The robust construction has proven its shock impact resistance at both temperature extremes. For tasks where enhanced colour rendering is required, the IL-800 is available with special CRI-90+ LEDs. The intelligent MICA ILC4 charger has an aluminium construction and is ideally suited to use with IL-800 lamps.

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ZONE 0 ZONE 1

IL-800 ZONE 0 IL-800 ZONE 1



MICA IL-800 Series For ZONE 0 or ZONE 1

Intermittent blinking signals low battery

Ergonomic handle with room for gloves

ZONE 0 and ZONE 1 versions

Single switch control for power modes

Tempered glass lens (5mm thick)

Special models with Blink (BK) and Emergency lighting mode (EM) available



3 x Ultra-Bright LED

Waterproof (IP67) lamp floats and illuminates upwards if dropped to water

Optional normal or wide beam with changeable lenses

Shockproof and truly conductive body

MICA IL-800 ZONE0 and IL-800 ZONE1 are a extremely powerful rechargeable flashlights suitable for use in explosion-hazardous areas. The ergonomic dual-mode switch allows user to obtain the best combination of lighting power or usage time.

The entire construction of MICA IL-800 lamps is designed for long working lifespan and a good cost-effectiveness. The shock resistant body is manufactured entirely from antistatic plastic and its enclosure class is IP67.

Micro-controller operated electronics control the flashlight power mode, prevent deep-discharge of the battery and indicate when recharging is necessary. When the remaining operating time is approx. 20-30 minutes the beam starts to blink at 15-second intervals.

IL-800 lamp with emergency function (EM) switches automatically into emergency lighting mode when the charger is connected to mains. During a power failure, a MICA lamp with EM function will light up and provide light for the area in front of it. A special version with Blinking function (BK) is also available. Special CRI-90+ models are available for tasks where enhanced colour rendering is required.

All MICA IL-800 series lamps comply with the following IEC standards IEC 60079-0:2007, IEC 60079-11:2006 and IEC 60079-31:2008.

MICA ILC4 Chargers

Vehicle or indoor installations
Rugged aluminum construction

LED indicators for state-of-charge
Charging temperature 0...+40°C

e17



MICA ILC4
(Nominal input 12...24VDC)



MICA ILC4 VAC
(Nominal input 85...264VAC)

Advanced MICA ILC4 and ILC4-VAC chargers keep MICA IL-800 series lamps ready for use at all times and do not overcharge the battery during storage time.

The MICA ILC4-VAC chargers are fed from mains (85...264VAC). Other models can be connected directly into a vehicle battery or to the mains with an MICA IL-2 adapter. The aluminum construction and tight fit will keep the lamp firmly secured even in rough vehicle use.

MICA Charger family includes various multichargers and special models for trains, offshore, firetrucks, marine etc.

Technical information MICA IL-800 Series:

Certifications MICA IL-800 Zone 0:	ATEX: TÜV 10 ATEX 7878	IECEX: IECEX TUR 11.0008
Area of classification GAS:	Zones 0, 1 and 2	
Area of classification DUST:	Zones 21 and 22	
Certifications MICA IL-800 Zone 1:	ATEX: TÜV 10 ATEX 7879	IECEX: IECEX TUR 11.0009
Area of classification GAS:	Zones 1 and 2	
Area of classification DUST:	Zones 21 and 22	
IP Rating:	IP67	
Operating Time:	Full power 6h / Low power 12h	
Battery:	6V NiMH	
Operating Temperature:	-20°C...+40°C	
Light source:	3 x Ultra-bright LED	
Weight:	1,1kg	

MICA Product Range

Bright tools for professionals since 1983

MICA lamps are designed and manufactured in Finland by Mica Elektro Oy Ltd. Only the best quality components that meet European standards are approved for use in MICA products. Production quality is guaranteed by our ISO 9001:2008 certification.

