

**MICA IL-800 Zone 0 TECHNICAL DATA**

<b>MODEL</b>	<b>IL-800 Zone 0</b>
<b>Product description</b>	IL-800: Rechargeable safety hand lamp IL-800 EM: Rechargeable emergency lamp <b>Made in Finland by Mica Elektro Oy Ltd.</b>
<b>Certification</b>	<b>ATEX:</b> TÜV 10 ATEX 7878 <b>IECEX:</b> IECEX TUR 11.0008
<b>Apparatus standards</b>	IEC 60079-0:2007-10 Ed. 5.0; IEC 60079-11:2006-07 Ed. 5.0; IEC 60079-26:2006-08 2 <sup>nd</sup> Ed.; IEC 60079-28:2006-08 1 <sup>st</sup> Ed.; IEC 60079-31:2008-11 Ed. 1.0
<b>Type of protection</b>	II 1G Ex ia IIC T4 Ga II 2D Ex tb IIIC 100°C IP67 Db
<b>Area of classification G (Gas)</b>	zones 0, 1 and 2 Gas groups IIA, IIB, IIC
<b>Area of classification D (Dust)</b>	zones 21 and 22 Dust groups: IIIA, IIIB, IIIC
<b>Temp. classification</b>	Gas: T4 Dust: 100°C
<b>Operating temperature</b>	-20°C ... +40°C
<b>Enclosure</b>	Antistatic impact resistant polypropylene
<b>Lens</b>	Toughened glass (5mm)
<b>Beam type</b>	Narrow (N) or Wide (W)
<b>Light source</b>	3 high luminous led's Light output 200/80lumen (high/low power) Lifetime: 50 000h
<b>Power source</b>	6V rechargeable NiMH battery
<b>Light duration</b>	High power output: 6 hours Low power output: 12 hours
<b>Charging time</b>	5,5h
<b>Ingress protection</b>	IP 67
<b>Weight with battery</b>	1,1 kg
<b>Dimensions</b>	121 x 121 x 216mm
<b>Other features</b>	Deep discharge prevention Low battery warning before battery runs out Emergency function in EM model <b>Available with MICA CRI-90+ FULL COLOUR Led's!</b>
<b>Chargers</b>	<b>MICA ILC-VAC</b> Single mains charger 85..265VAC <b>MICA ILC</b> single vehicle charger 12..24VDC <b>MICA CR-C3</b> Multi charger for 3 lamps 85..265VAC <b>MICA CR-C5</b> Multi charger for 5 lamps 85..265VAC (version ILC-3)



**MICA IL-800 Zone 1 TECHNICAL DATA**

<b>MODEL</b>	<b>IL-800 Zone 1</b>
<b>Product description</b>	IL-800: Rechargeable safety hand lamp IL-800 EM: Rechargeable emergency lamp IL-800 BK: Rechargeable safety hand lamp with blinking mode <b>Made in Finland by Mica Elektro Oy Ltd.</b>
<b>Certification</b>	<b>ATEX:</b> TÜV 10 ATEX 7879 <b>IECEX:</b> IECEX TUR 11.0009
<b>Apparatus standards</b>	IEC 60079-0:2007-10 Ed. 5.0; IEC 60079-11:2006-07 Ed. 5.0; IEC 60079-28:2006-08 1 <sup>st</sup> Ed.; IEC 60079-31:2008-11 Ed. 1.0
<b>Type of protection</b>	II 2G Ex ib IIC T4 Gb II 2D Ex tb IIIC 100°C IP67 Db
<b>Area of classification G (Gas)</b>	zones 1 and 2 Gas groups IIA, IIB, IIC
<b>Area of classification D (Dust)</b>	zones 21 and 22 Dust groups IIIA, IIIB, IIIC
<b>Temp. classification</b>	Gas: T4 Dust: 100 °C
<b>Operating temperature</b>	-20°C ... +40°C
<b>Enclosure</b>	Antistatic impact resistant polypropylene
<b>Lens</b>	Toughened glass (5mm)
<b>Beam type</b>	Narrow (N) or Wide (W)
<b>Light source</b>	3 high luminous led's Light output 200/80lumen (high/low power) Lifetime: 50 000h
<b>Power source</b>	6V rechargeable NiMH battery
<b>Light duration</b>	High power output: 6 hours (Blink mode 12 hours) Low power output: 12 hours
<b>Charging time</b>	5,5h
<b>Ingress protection</b>	IP 67
<b>Weight with battery</b>	1,1 kg
<b>Dimensions</b>	121 x 121 x 216mm
<b>Other features</b>	Deep discharge prevention Low battery warning before battery runs out Emergency function in EM model <b>Available with MICA CRI-90+ FULL COLOUR Led's!</b>
<b>Chargers</b>	<b>MICA ILC-VAC</b> Single mains charger 85..265VAC <b>MICA ILC</b> single vehicle charger 12..24VDC <b>MICA CR-C3</b> Multi charger for 3 lamps <b>MICA CR-C5</b> Multi charger for 5 lamps (version ILC-3)

