

**MICA IL-80 ATEX 1W LED TECHNICAL DATA**

Rev Feb 2010

MODEL	IL-80 ATEX / EM
<b>Product description</b>	IL-80 ATEX: Rechargeable safety hand lamp IL-80 ATEX EM: Rechargeable emergency lamp
<b>Code</b>	Ex II 2GD Ex eib IIC T4 (T <sub>amb</sub> = -20°C ... +35°C) /T3 Ex tD IP66 T135°C
<b>Apparatus standards</b>	EN60079-0 EN60079-7 EN60079-11 EN60079-28 EN60241-0 EN60241-1
<b>Type of protection</b>	"e" increased safety, "ib" intrinsic safety
<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
<b>Temp. classification</b>	T4/T3
<b>Operating temperature</b>	-20°C ... +40°C, -20°C ... +35°C T4
<b>Certification</b>	VTT 03 ATEX 027X EMC Directive 89/336/EEC Directive 94/9/EEC
<b>Enclosure</b>	Antistatic polypropylene
<b>Lens</b>	Toughened glass (5mm)
<b>Beam type</b>	Spot/flood
<b>Light source:</b>	T3/T4 Px 13,5: 1W 6V Philips LED (side emitting) P160S Light output 40,5 lm; 7000lx @ 1m Lifetime: 50 000h
<b>Power source:</b>	6V 5,0Ah rechargeable NiCd battery
<b>Light duration</b>	Full power output: 24 hours Half power output: 40 hours
<b>Ingress protection</b>	IP 66
<b>Weight with battery</b>	1,3 kg
<b>Dimensions</b>	121 x 121 x 216mm
<b>Other features:</b>	- Deep discharge prevention - Low battery warning 15 min. before battery runs out
<b>Chargers</b>	Single charger <b>MICA ILC-VAC, ILC + IL-2</b> Multi charger <b>MICA CR-C3</b> for 3 lamps Multi charger <b>MICA CR-C5</b> for 5 lamps
<b>Accessories</b>	Filters: red, green, amber

