

MICA IL-80 ATEX 1W LED TECHNICAL DATA

MODEL	IL-80 ATEX / EM
Product description	IL-80 ATEX: Rechargeable safety hand lamp IL-80 ATEX EM: Rechargeable emergency lamp
Code	Ex II 2GD Ex eib IIC T4 (T _{amb} = -20°C ... +35°C) /T3 Ex tD IP66 T135°C
Apparatus standards	EN60079-0 EN60079-7 EN60079-11 EN60079-28 EN60241-0 EN60241-1
Type of protection	"e" increased safety, "ib" intrinsic safety
Area of classification G (Gas)	Zones 1 and 2 Gas groups IIA, IIB, IIC
Area of classification D (Dust)	Zones 21 and 22
Temp. classification	T4/T3
Operating temperature	-20°C ... +40°C, -20°C ... +35°C T4
Certification	VTT 03 ATEX 027X EMC Directive 89/336/EEC Directive 94/9/EEC
Enclosure	Antistatic polypropylene
Lens	Toughened glass (5mm)
Beam type	Spot/flood
Light source:	T3/T4 Px 13,5: 1W 6V Philips LED (side emitting) P160S Light output 40,5 lm; 7000lx @ 1m Lifetime: 50 000h
Power source:	6V 5,0Ah rechargeable NiCd battery
Light duration	Full power output: 24 hours Half power output: 40 hours
Ingress protection	IP 66
Weight with battery	1,3 kg
Dimensions	121 x 121 x 216mm
Other features:	- Deep discharge prevention - Low battery warning 15 min. before battery runs out
Chargers	Single charger MICA ILC-VAC, ILC + IL-2 Multi charger MICA CR-C3 for 3 lamps Multi charger MICA CR-C5 for 5 lamps
Accessories	Filters: red, green, amber

