



SMART LINE

UV lamp 365 nm
small & handy



MR[®] 97 Smart Line
Power Supply Operation

MR[®] 97 AN Smart Line
Battery/Power Supply Operation

Small and handy – LxH 150x180mm, Ø 70mm

Powerful – up to 45–50 W/m² (factory configuration – factory upgrade to 80 W/m² possible!)

Robust housing – IP 64 → dust tight and splash proof

Light weight – 430 g (MR[®] 97)

No blinding effect – reduced white light emission (diffuse)

Flexibility – through optimal variable power supply (Mains- and/or battery operation, battery internal/external)

Auto-Switch – Automatic switching from UV to white light

MR[®]AKKU-PACK – External battery with belt clip



Your partner in NDT! – www.mr-chemie.de

MR[®]
CHEMIE
NDT-materials



UV technology

Product information

MR[®] 97 / MR[®] 97 AN Smart Line

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TO SEE MORE!

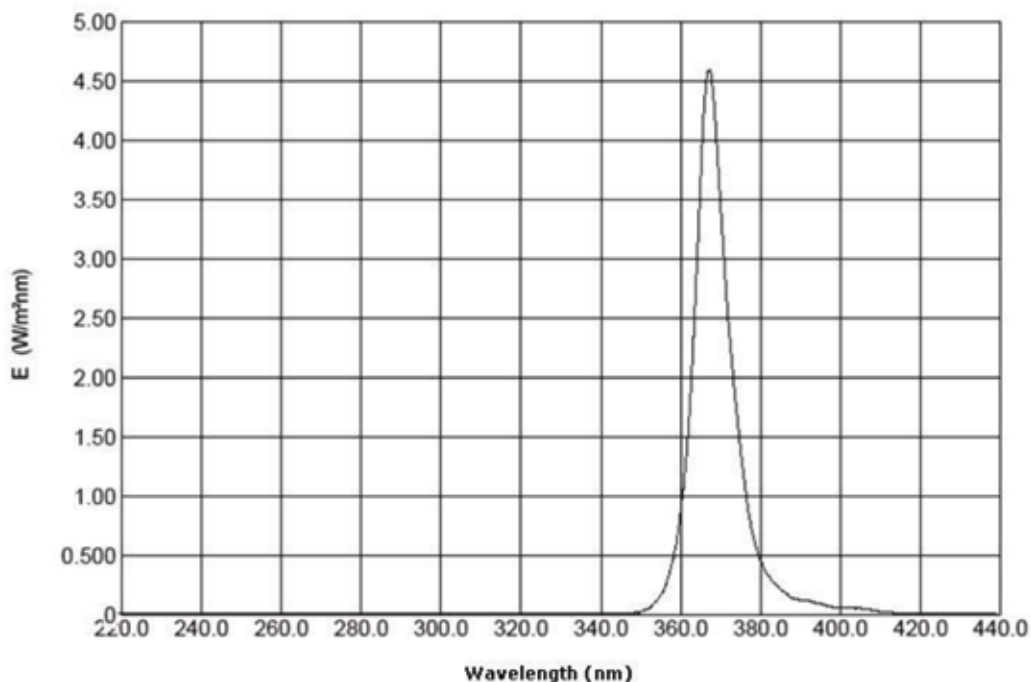
Technical data:

UV-LED risk class acc. to DGZfP/BGFE EM6	-2-
Working temperature	5°C - 40 °C
Dimensions	L = 150 mm, Ø = 70 mm, H = 180mm
Weight MR [®] 97	app. 430 g
Weight MR [®] 97 AN without battery	app. 480 g
Weight MR [®] 97 AN with battery	app. 550 g
Wavelength, nominal max.	2 x high performance UV LED 365 nm ± 3 nm
Power supply	Power supply 100V - 230V AC, 50-60Hz, 12V DC
Lifetime UV LED	app. 10.000 h
UVB	0 W/m ²
UVA	45-50 W/m ² (±10%) in delivery condition
White light portion	< 5 lx
White light LED	1 x high performance LED 9.000 lx
Protection class acc. to DIN EN 60529	IP 64
Light distribution	Ø > 20 cm
Cable	industry cable, 5 m
Charge time (MR [®] 97 AN)	2 h
Operating time (MR [®] 97 AN)	app. 2,5 h

UVA-Upgrade:

**If required, UVA power can be upgraded up to 80 W/m² in our service department!!!
This causes deviation from LED-life and battery power.**

Spectral Distribution (Peak):



13.10.2014/db

Technical changes reserved!