



UV technology

Product information

MR[®] 97 / MR[®] 97 AN Smart Line



TO SEE MORE!

MR[®] 97 Smart Line – Power Supply Operation

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

UV lamp, 365 nm, 2 UV high performance LEDs



Small and handy	LxH 150x180mm, Ø 70mm
Powerful	up to 45-50 W/m ² (factory configuration) (factory upgrade to 80 W/m ² 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 operation or mains/battery operation, battery internal/external)
Auto-Switch	Automatic switching from UV to white light



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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 ¹⁾	45-50 W/m ² (±10%) in delivery condition ²⁾
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

¹⁾ Measured at 40 cm distance

²⁾ **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.



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	Art. No.	MR [®] 97 / MR [®] 97 AN with following equipment	Figure
MR [®] 97 Smart Line	97	<ul style="list-style-type: none"> Plug power supply 	
	97K	<ul style="list-style-type: none"> Plug power supply Carrying case 	
	97V1	<ul style="list-style-type: none"> Alu-cable power supply 	
	97V1K	<ul style="list-style-type: none"> Alu-cable power supply Carrying case 	
MR [®] 97 AN Smart Line	97AN	<ul style="list-style-type: none"> Plug power supply Batteries Charger 	
	97ANK	<ul style="list-style-type: none"> Plug power supply 2 batteries Charger Carrying case 	
	97ANV1	<ul style="list-style-type: none"> Alu-cable power supply 2 batteries Charger 	
	97ANV1K	<ul style="list-style-type: none"> Alu-cable power supply Batteries Charger Carrying case 	

All versions incl. 5 m industry cable



OPTIONAL for MR [®] 97 and MR [®] 97 AN:	
Art. No.	Description
97-1	MR [®] AKKU-Pack with belt clip 12 V, 6000 mA/h, incl. loading device



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Technical changes reserved!





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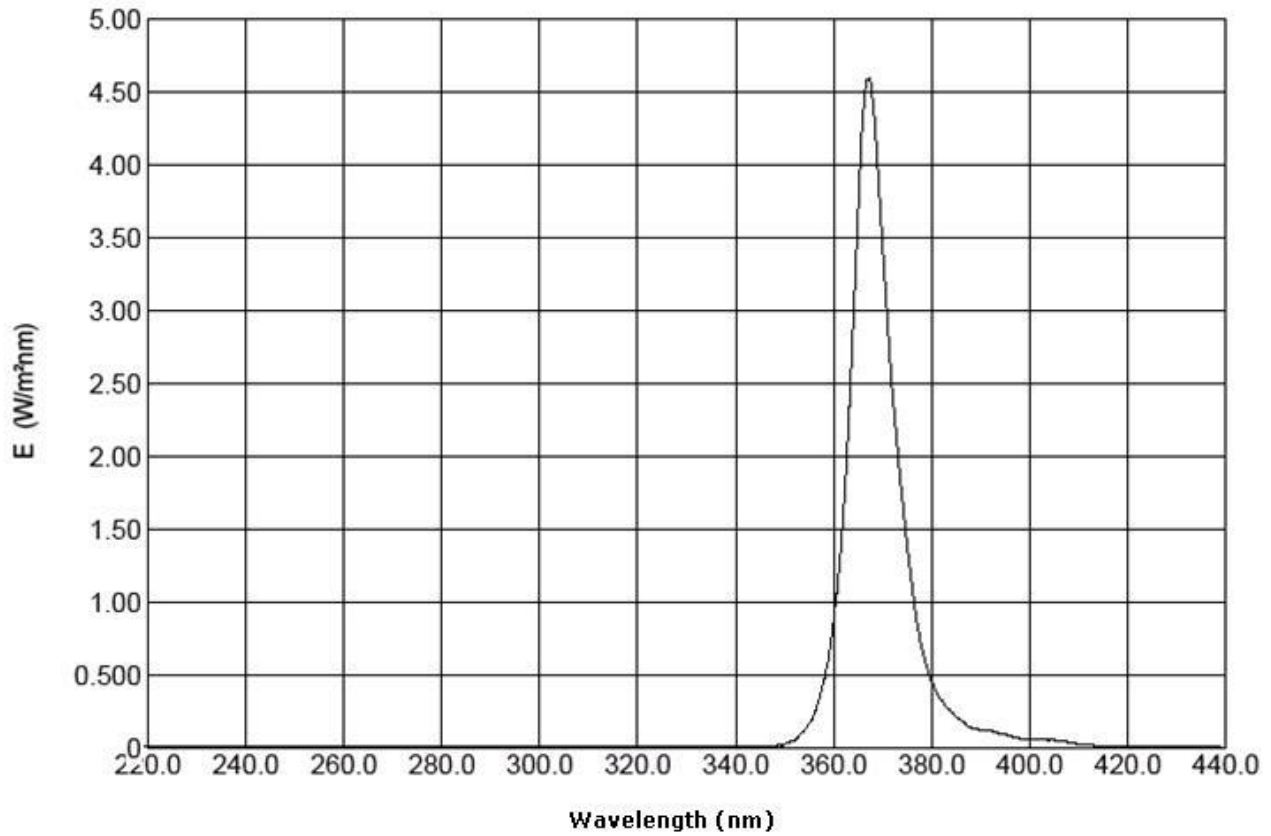
Product information

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TO SEE MORE!

Spectral Distribution (Peak):

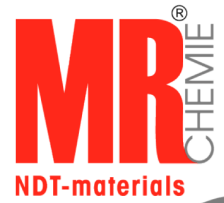




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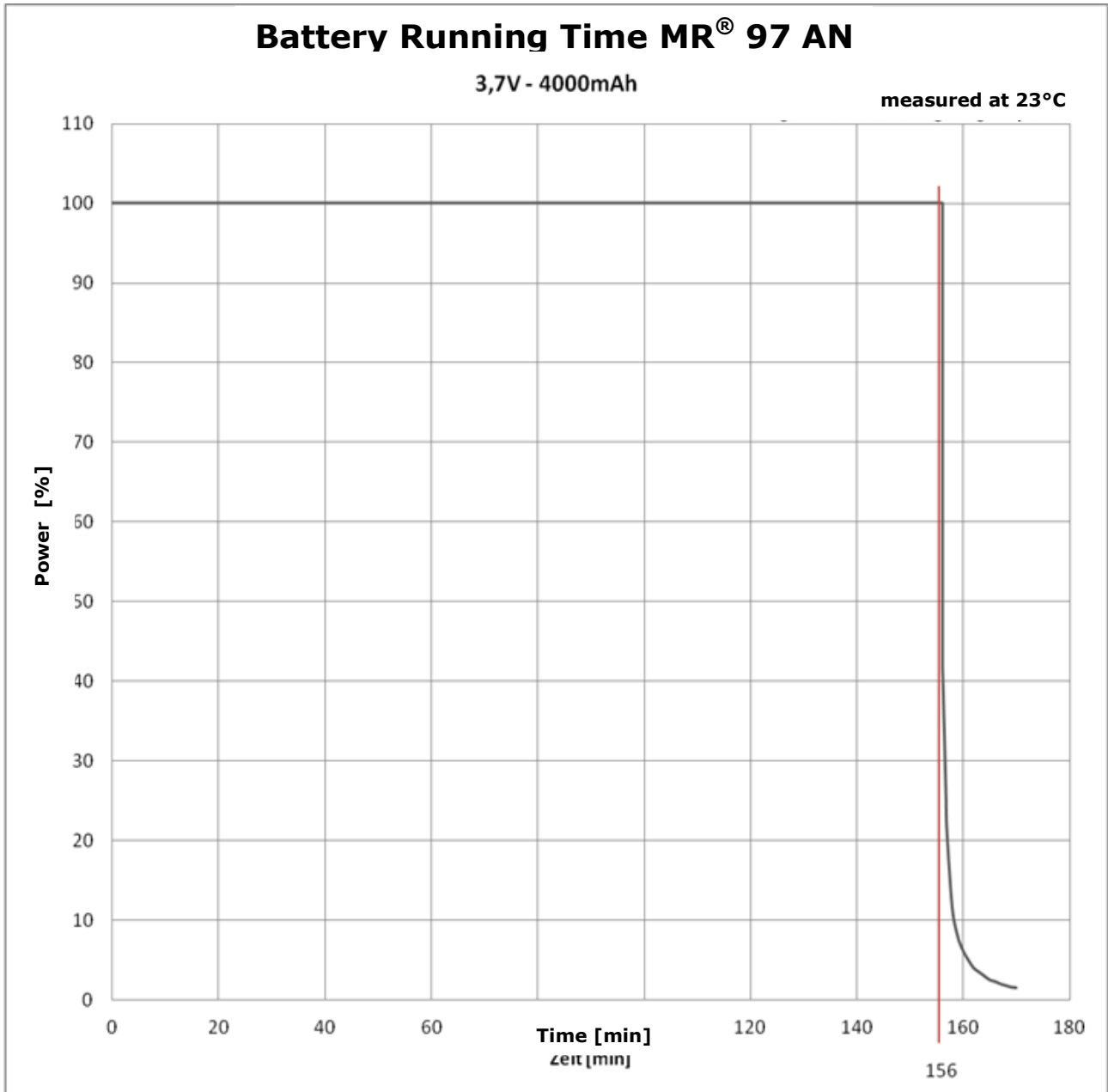
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NDT-materials

TO SEE MORE!



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