



UV technology

Product information

MR[®] 97 / MR[®] 97 AN / MR[®] 973 Smart Line



NDT-materials

TO SEE MORE!

UV Smart Line – basic versions

MR[®] 97 Smart Line



- ▶ Mains operation
- ▶ 2 UV-LEDs

MR[®] 97 AN Smart Line



- ▶ Battery/mains operation
- ▶ 2 UV-LEDs

MR[®] 973 Smart Line



- ▶ Mains operation
- ▶ 3 UV-LEDs

Small and handy	LxH 150x180mm, Ø 70mm
Powerful	ca. 45 W/m ² (±10%)
Robust housing	IP 64 -> dust tight and splash proof
Light weight	430g / 550g
No blinding effect	reduced white light emission (diffuse)
Flexibility	through optimal variable power supply (mains operation or battery operation, battery internal/external)
Auto-Switch	Automatic switching from UV to white light



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Optional equipment

Art. no.	Description	Figure
G258-4	Carrying case with suitable hard foam inlay (without contents)	
97-1	MR® AKKU-Pack 12V external battery 6500 mA/h with belt clip, incl. Charger	
97-2	Lithium-Ion batteries type 18650 set = 2 pieces	
97-6	Cable power supply 12 V external, made of aluminium, with grip, 3-pole	
97-5	Extension of cable length delivery with 10 m cable instead of 5 m	

Rolls-Royce specification

Calibration to fulfil Rolls-Royce specification
RRES 90061 Rev. 0
with certificate is possible.

Art. 186-21
(Please order separately)



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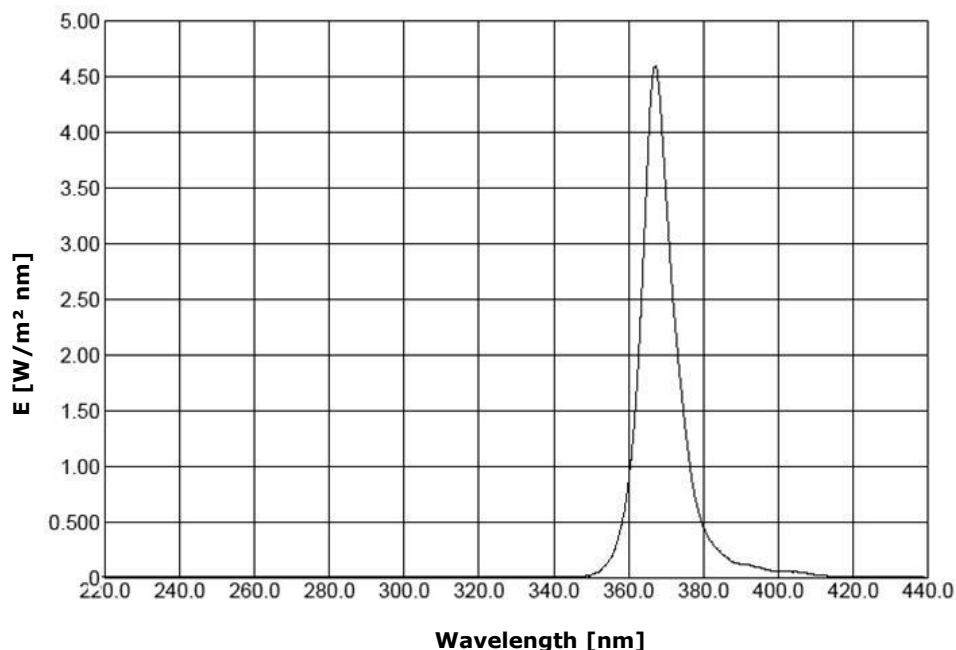
Technical data:

	MR [®] 97	MR [®] 97 AN	MR [®] 973
UVA*:	app. 45 W/m ² (±10%)		
UVB:	0 W/m ²		
White light portion:	< 5 lx		
Light distribution*:	Ø 15 cm	Ø 15 cm	Ø 16 cm
Dimensions:	L 150 mm, H 180 mm, Ø 70 mm		
Wavelength, (Peak), nominal max.:	365 nm ± 3 nm		
Weight:	ca. 430 g	ca. 550 g	ca. 430 g
UV source:	2 x UV high-performance LED	2 x UV high-performance LED	3 x UV high-performance LED
Power supply:	<u>power supply operation:</u> power supply 100-230V AC 50-60 Hz, 12V DC	<u>battery operation:</u> 2 x Li-Io battery 3,7 V, ca. 2500 mA/h <u>power supply operation:</u> power supply 100-230V AC 50-60 Hz, 12V DC	<u>power supply operation:</u> power supply 100-230V AC 50-60 Hz, 12V DC
Lifetime UV-LED**:	approx. 10.000 h		
Orientation light:	1 x white light LED	1 x white light LED	--
UV risk class acc. to DGZfP EM06:	-2-		
Protection class acc. to EN 60529:	IP 64		
Working temperature:	5-40 °C		
Cable:	5-m-industry-cable, with safety plug		
Battery charge time:	--	approx. 2 h.	--
Battery operating time:	--	approx. 2,5 h	--

* measured at 40 cm distance

** under laboratory conditions specified by manufacturer

Spectral distribution (Peak):



30.05.2016

Technical changes reserved!

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Marker



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Product information

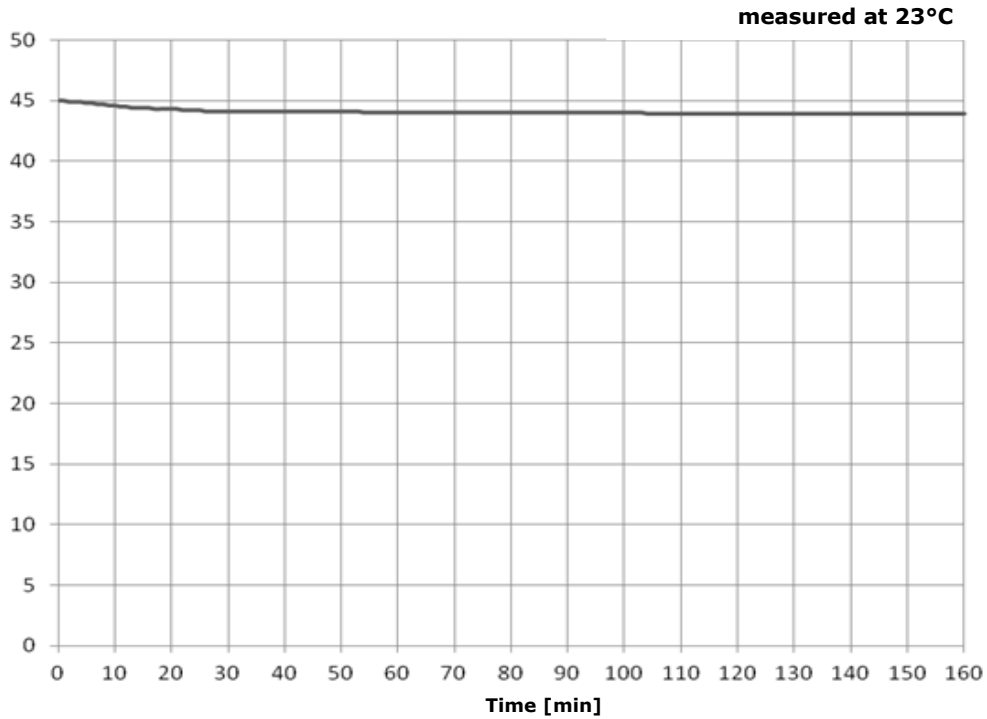
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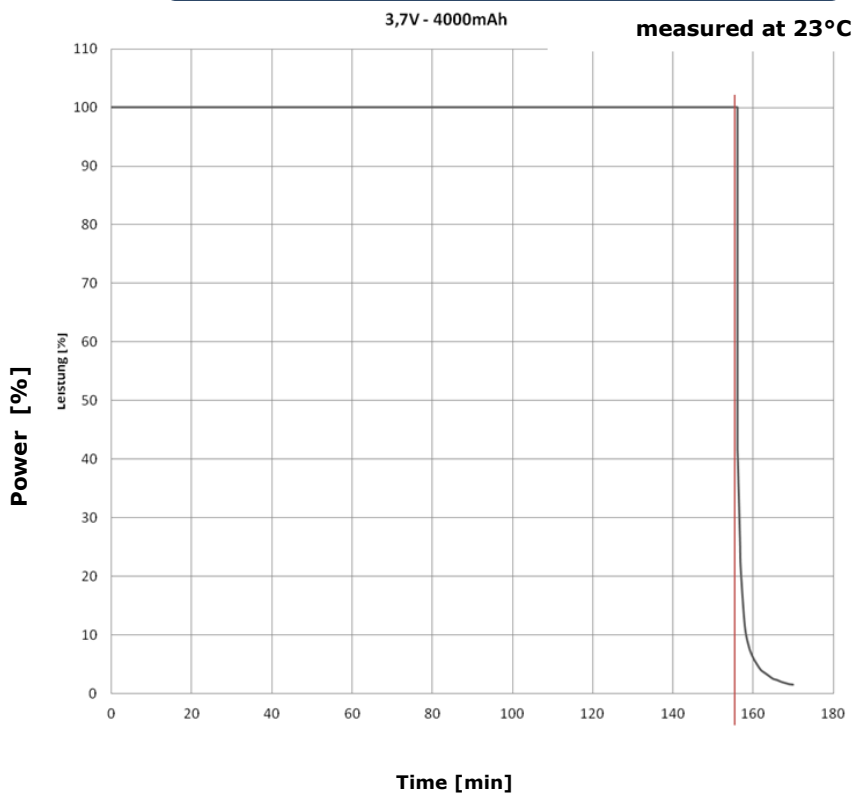
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Time-/Performance Diagram



Battery Running Time MR[®] 97 AN



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