



UV technology

Product information

MR[®] 970 / MR[®] 974 AN / MR[®] 974 Smart Line

MR[®]
CHEMIE
NDT-materials

TO SEE MORE!

UV-Quattro-Line

MR[®] 970 Basic-Light



- ▶ Mains operation
- ▶ 4 UV-LEDs

MR[®] 974 AN Quattro-Light



- ▶ Battery / Mains operation
- ▶ 4 UV-LEDs
- ▶ 1 White light LED

MR[®] 974 Quattro-Light



- ▶ Mains operation
- ▶ 4 UV-LEDs
- ▶ 1 White light LED

Small and handy	LxH 150x180mm, Ø 70mm
Powerful	ca. 45 W/m ² (±10%)
UV source	4 x high-performance UV LED, 365 nm
Wide Light distribution	Light cone Ø 20 cm
Robust housing	IP 64 -> dust tight and splash proof
Light weight	from 400g
No blinding effect*	reduced white light emission (diffuse)
Auto-Switch*	Automatic switching from UV to white light

*does not apply to MR[®] 970

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Technical Data:

	MR [®] 970	MR [®] 974 AN	MR [®] 974
UVA*:	app. 45 W/m ² (±10%)		
Light distribution (>10 W/m²)*:	Ø 20 cm		
UVB:	0 W/m ²		
Wight light filter:	yes		
White light portion:	< 5 lx		
Dimensions:	L 150 mm, H 180 mm, Ø 70 mm		
Wavelength, (Peak), nominal max.:	365 nm ± 3 nm		
Weight:	ca. 400 g	ca. 600 g	ca. 400 g
UV source:	4 x UV high-performance LED	4 x UV high-performance LED	4 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. 3400 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:	1,5 m connection cable 2 m extension cable	5 m industry cable	5 m industry cable
Battery charge time:	--	approx. 8 h.	--
Battery operating time:	--	approx. 3 h	--

* measured at 38 cm distance

** under laboratory conditions specified by manufacturer

Rolls-Royce / ASTM E3022 specification

Calibration to fulfil Rolls-Royce specification
RRES 90061 Rev. 0 and also ASTM E3022
with certificate is possible.

Art. 186-21
(Please order separately)

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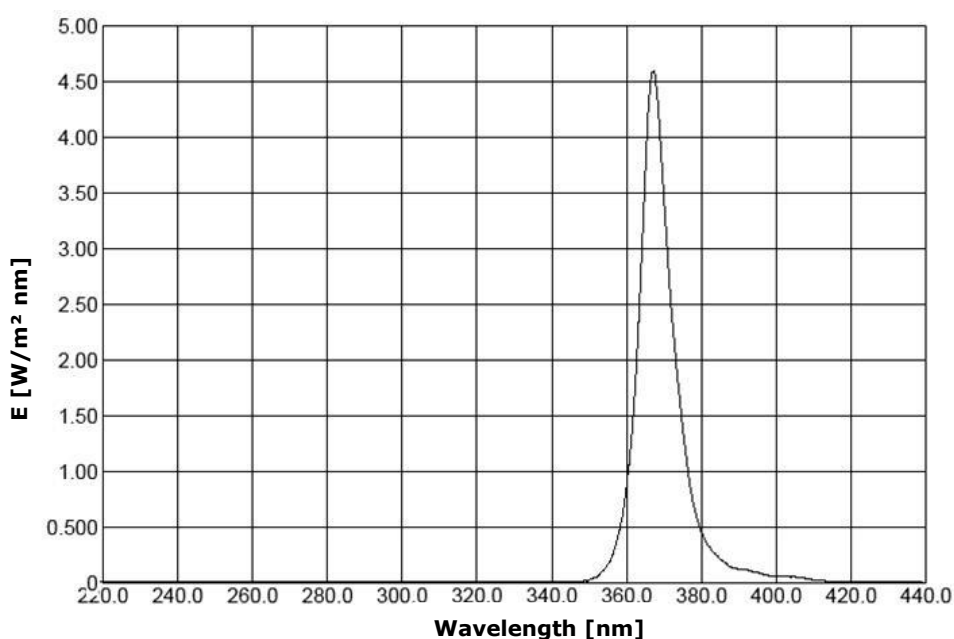
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Optional equipment

Art. no.	Description	Figure
G258-4	Carrying case with suitable hard foam inlay (without contents)	
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	

Spectral distribution (Peak):



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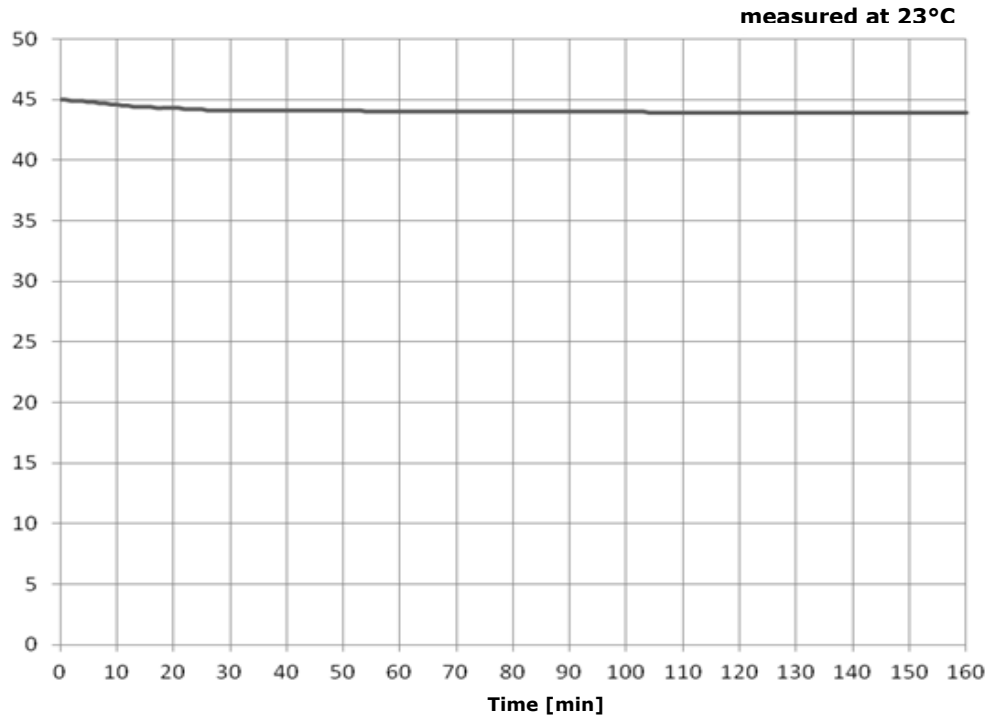
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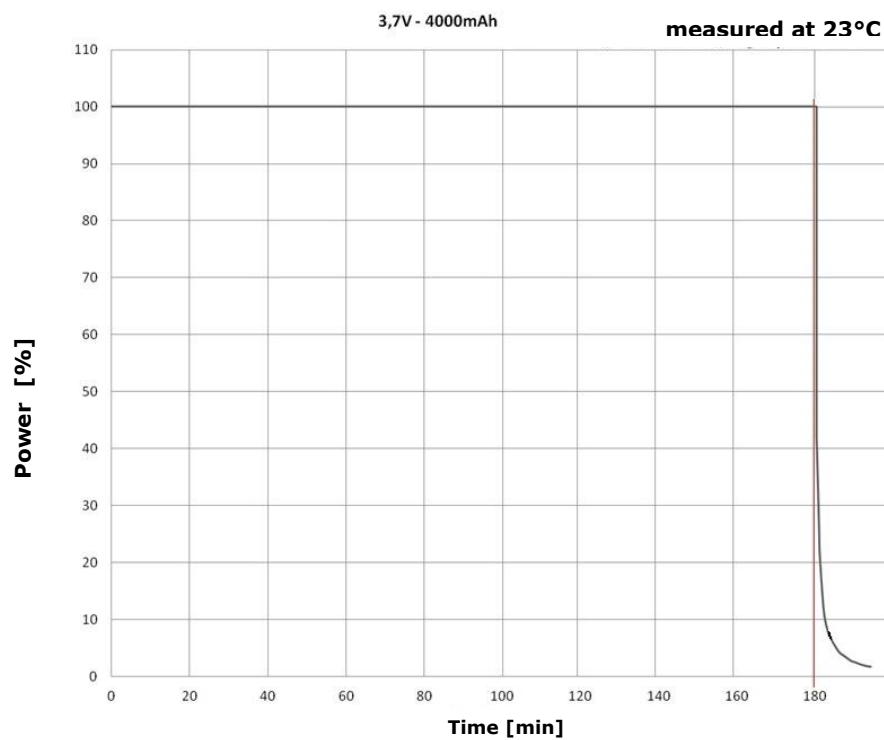
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Time-/Performance Diagram



Battery Running Time MR[®] 974 AN



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