



POWER CLASSICS

IP64

dust tight &
splashproof



MR® 98 WAN

The Independent -
power supply / battery



MR® 42

The Powerful -
UVA: $>80 \text{ W/m}^2$

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

MR[®]
CHEMIE
NDT-materials



	MR® 98 WAN Brilliant LED <i>- The Independent -</i>	MR® 42 Super LED <i>- The Powerful -</i>
Art. no. UV lamp:	98 WAN L	42 L
Art. no. UV lamp incl. case:	98 WANK	42K
Wavelength, nom. max.:	365 nm ± 3 nm	365 nm ± 3 nm
Light cone*:	Ø > 20 cm	Ø > 20 cm
UVA (±10%)*	Step 1: 25 W/m ² Step 2: 50 W/m ² Step 0: 60 W/m ²	25 W/m ² 50 W/m ² > 80 W/m ²
UVB:	0 W/m ²	0 W/m ²
White light Portion*	Step 1: < 15 lx Step 2: < 10 lx Step 0: < 20 lx	< 5 lx < 20 lx < 20 lx
UV source:	3 x high performance LED	5 x high performance LED
Risk class acc. to EM6 (DGZfP):	2	2
White light LED*:	1 x high performance LED 9.000 lx	1 x high performance LED 9.000 lx
Battery:	Lithium Ion battery 7,4 V - 6,6 A/h	--
<i>Advice:</i> <i>Battery will not be discharge during power supply operation!</i>	<u>Operating time min.:</u> Step 0: app. 2-2,5 h Step 1: app. 8 h Step 2: app. 4 h	
Dimensions:	L = 180 mm Ø = 110 mm	L = 160 mm Ø = 105 mm
Weight:	app. 1.220 g	app. 800 g
Working temperature:	10°C – 35°C	10°C – 35°C
Power supply:	110V AC-230V AC 12V DC	110V AC-230V AC 24V DC
Service life LEDs at proper handling**:	Step 1+2: app. 10.000 h Step 0: app. 5.000 h	Step 1+2: app. 10.000 h Step 0: app. 5.000 h
Housing protection class acc. to EN 60529:	IP 64 dust tight & splashproof	IP 64 dust tight & splashproof
Cable:	5-m-industry-cable with safety plug	5-m-industry-cable with safety plug
Delivery contents:	<ul style="list-style-type: none"> ▪ MR® 98 WAN Brilliant LED ▪ Cable power supply ▪ Connection cable ▪ Lithium Ion battery ▪ Charger for battery ▪ User manual 	<ul style="list-style-type: none"> ▪ MR® 42 Super LED ▪ Cable power supply ▪ Connection cable ▪ User manual

*values measured at 40 cm distance

**under laboratory conditions as specified by the manufacturer