



### MR® 98 WAN Brilliant LED

UV lamp 365 nm, 5 UV-LED's, 1 white light LED, 3-step-switch for power supply 230 V or battery operated

- Strong UVA power by means of 5 high class LED's
- 3 step switch for UVA regulation
- One white light LED for aid for orientation
- For power supply 230 V or for battery operated
- Different versions with different reflectors and switches available



#### Protection class IP 64 acc. to DIN EN 60529

No ingress of dust; complete protection against contact dust tight). Water splashing against the enclosure from any direction shall have no harmful effect.



#### Rolls-Royce / ASTM E3022 specification

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

Please order the following articles separately:

Art. 186-25 L Deactivation of 3-step-switch

Art. 186-27 L Calibration

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\*\*Technical changes reserved!\*\*

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## **UV Technology**

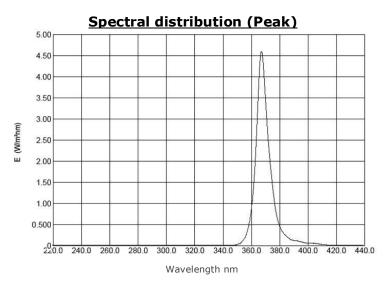
# Product information MR® 98 WAN Brilliant LED



TECHNICAL DATA		MR <sup>®</sup> 98 WAN 10° reflector	MR <sup>®</sup> 98 WAN 30° reflector -continuous UV-	
Order no. MR® 98 WAN:		98WANR10	98WANR30C	
Order no. Carrying case:		G258-6		
Peak (wave length):		365 nm ± 3 nm		
Light distribution*:		Ø > 24 cm	Ø > 28 cm	
UVA*	pos. 0: pos. 1: pos. 2:	120 W/m² (±10%) 25 W/m² (±10%) 45 W/m² (±10%)	45 W/m² (±10%) 25 W/m² (±10%) 35 W/m² (±10%)	
UVB		0 W/m <sup>2</sup>		
White light portion*		< 5 lx		
UV source:		5 x high p	5 x high performance LED	
UV-LED Risk class acc. to EM06/DGZfP	pos. 0: pos. 1+2:	-3- -2-	-2- -2-	
Orientation light:		1 x white light LED		
Battery:		Lithium Ion battery, 7,4 V – 6,6 A/h		
Operating time battery	pos. 0: pos. 1: pos. 2:	appr	ox. 180 min Battery will not be ox. 320 min charged during power ox. 240 min supply operation!	
Dimensions:		$L = 180 \text{ mm}, \emptyset = 110 \text{ mm}$		
Weight:		1.220 g		
Power supply:		110V AC - 230V AC, 12V DC		
Lifetime UV-LED**	pos. 0: pos. 1+2:	approx. 5.000 h approx. 10.000 h		
Working temperature:		10°C - 35°C		
Protection class acc. to DIN EN60529:		IP 64 dust tight & splashproof		
Supply line:		cable lengths 5 m, with safety plug		
ON/OFF:		push button for temporary UV light	switch for permanent UV light	

values measured at 40 cm distance

<sup>\*\*</sup> under laboratory conditions specified by the manufacture. The LED lifetime for lamp type "Continuous UV" might be reduced.



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