



## UV Technology

Product information  
MR<sup>®</sup> 98 WAN Brilliant LED



### MR<sup>®</sup> 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**



TECHNICAL DATA		MR <sup>®</sup> 98 WAN 10° reflector	MR <sup>®</sup> 98 WAN 30° reflector	MR <sup>®</sup> 98 WAN 30° reflector <b>-continuous UV-</b>
Order no. MR <sup>®</sup> 98 WAN:		98WANR10	98WANR30	98WANR30C
Order no. Carrying case:		G258-6		
Peak (wave length):		365 nm ± 3 nm		
Light distribution*:		Ø > 24 cm	Ø > 28 cm	Ø > 28 cm
UVA*	pos. 1:	25 W/m <sup>2</sup> (±10%)	25 W/m <sup>2</sup> (±10%)	25 W/m <sup>2</sup> (±10%)
	pos. 2:	45 W/m <sup>2</sup> (±10%)	35 W/m <sup>2</sup> (±10%)	35 W/m <sup>2</sup> (±10%)
	Pos. 0:	120 W/m <sup>2</sup> (±10%)	45 W/m <sup>2</sup> (±10%)	45 W/m <sup>2</sup> (±10%)
UVB		0 W/m <sup>2</sup>		
White light portion*	pos. 1:	< 5 lx		
	pos. 2:			
	pos. 0:			
UV source:		5 x high performance LED		
UV-LED Risk class acc. to EM06/DGZFP	pos. 1+2:	-2-	-2-	-2-
	pos. 0:	-3-	-2-	-2-
Orientation light:		1 x white light LED		
Battery:		Lithium Ion battery, 7,4 V – 6,6 A/h		
Operating time battery	pos. 1:	approx. 180 min		<i>Battery will not be charged during power supply operation!</i>
	pos. 2:	approx. 320 min		
	pos. 0:	approx. 240 min		
Dimensions:		L = 180 mm, Ø = 110 mm		
Weight:		1.220 g		
Power supply:		110V AC - 230V AC, 12V DC		
Lifetime UV-LED**	pos. 1+2:	approx. 10.000 h		
	pos. 0:	approx. 5.000 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	push button for temporary UV light	switch for permanent UV light

\* values measured at 40 cm distance

\*\* under laboratory conditions specified by the manufacture. The LED lifetime for lamp type „Continuous UV“ might be reduced.

### Spectral distribution (Peak)

