MR® 42 Super LED

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

- Super 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
- 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**

UV Technology

Product information
MR® 42 Super LED

TECHNICAL DATA	MR® 42 with 10° reflector	MR® 42 with 30° reflector	MR® 42 with 30° reflector -continuous UV-
Order-No.:	42R10	42R30	42R30C
Carrying case:	G258 L		
Wavelength (Peak), nominal max.:	365 nm ± 3 nm		
Light distribution*:	Ø > 24 cm	Ø > 28 cm	Ø > 28 cm
UVA* Pos. 1:	25 W/m² (±10%)	25 W/m² (±10%)	25 W/m² (±10%)
UVA* Pos. 2:	45 W/m² (±10%)	35 W/m² (±10%)	35 W/m² (±10%)
UVA* Pos. 0:	120 W/m² (±10%)	45 W/m² (±10%)	45 W/m² (±10%)
UVB	0 W/m²		
White light portion*:	5 lx		
UV source:	5 x high power LED		
UV-LED risk class acc. to EM06 (DGZfP): Pos. 1 + 2:	-2-	-2-	-2-
UV-LED risk class acc. to EM06 (DGZfP): Pos. 0:	-3-	-2-	-2-
Orientation light:	1 x white light LED		
Dimensions:	L 160 mm, Ø 105 mm		
Weight:	900 g		
Working temperature:	10 – 35 °C		
Power supply:	110V AC - 230V AC, 24V DC		
Lifetime UV-LED** Pos. 1 + 2:	approx. 10.000 h		
Lifetime UV-LED** Pos. 0:	approx. 5.000 h		
Protection class acc. to DIN EN 60529:	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)

