



MR® 5000 Variolight

UV LED area lamp for fluorescent Non-Destructive Testing according to EN ISO 3059



The UV area lamp MR® 5000 Variolight is a UV lamp of next generation specially manufactured according to customer requirements. This means that dimensions, amount of LED tubes and therefore the light distribution are variable.

Advantages of MR[®] 5000 Variolight compared with customary 400W UV lamp:

- Fulfils the requirements of:
 - EN ISO 3059:2013-03
 - ASTM E3022*
 - RRES 90061 Rev. 0 (Rolls-Royce)*
- Energy conservation of 80-85% through modern LED technology
- No noise emission through cooling technology without fan
- No heat emission
- Very homogenous light distribution
- Optional motion sensor for efficient operation
- Optional dimming for regulation of UVA power

Technical changes reserved!

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MR[®] Chemie GmbH · Nordstr. 61-63 · 59427 Unna (Germany) · www.mr-chemie.de Tel.: +49 (0)2303 95151-0 · Fax: +49 (0)2303 95151-10 · e-mail: post@mr-chemie.de



Varke

^{*}Please order art.186-22 L separately





Technical data:

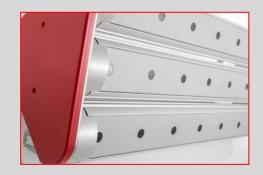
The following are exemplary standard versions for orientation. Please note that $MR^{®}$ 5000 will be manufactured individually according to customer requirements. Please feel free to contact us!

	Version 1	Version 2	Version 3	Version 4
Art. no.:	5000S1	5000S2	5000S3	5000S4
Risk class according to EM06 (DGZfP):	2			
Wavelength, nominal max. (Peak):	365 nm +/- 3 nm			
UVA*:	ca. 45 W/m²			
UVA source:	15 UV LEDs	24 UV LEDs	32 UV LEDs	48 UV LEDs
LED tubes	3	3	4	3
White light portion*:	5 lx			
Light distribution (UVA > 10 W/m²)*:	400 x 440 mm	740 x 440 mm	740 x 560 mm	450 x 1250 mm
Cooling:	Passive cooling by housing			
Working temperature:	10-45 °C			
Lifetime UV-LED**:	8.000-10.000 h			
Power supply voltage:	110-230 V/50Hz			
Reflectors:	30°			
Dimensions, mm (HxWxD):	175 x 320 x 210	175 x 585 x 210	175 x 585 x 290	175 x 1115 x 210
Weight:	approx. 8,3 kg	approx. 11 kg	approx. 14 kg	approx. 18 kg
Control unit:	Internal			
Cable:	4 m industry cable with safety plug			
Protection housing class acc. to EN60529:	IP54			

^{*} Measuring at a distance of 38 cm to surface. | ** Under laboratory conditions as specified by the manufacturer.







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NDT-materials Marker