



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

*Please order art.1845 separately



Technical changes reserved!



MR[®] 5000 Variolight

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
Article no.	479	354	112	1320
Risk class according to EM06 (DGZfP):	2			
Wavelength, nominal max. (Peak):	365 nm +/- 3 nm			
UVA*:	ca. 45 W/m ²			
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	1250 x 450 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/50-60Hz			
Reflectors:	110-230 V/50Hz			
Dimensions, mm (HxWxD):	175x320x210	175x585x210	175x585x290	175x1115x210
Weight:	approx. 8,3 kg	approx. ca. 11 kg	approx. ca. 14 kg	approx. ca. 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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