



## **MR<sup>®</sup> 5000 Variolight**

**UV LED area lamp for fluorescent non-destructive  
Testing according to EN ISO 3059**



The UV area lamp MR<sup>®</sup> 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<sup>®</sup> 5000 Variolight compared with customary 400W UV lamp:**

- Fulfills 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
- Motion sensor for efficient operation
- Optional dimming for regulation of UVA power

\*Please order art.1845 separately



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



## MR<sup>®</sup> 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
<b>Article no.</b>	479	354	112	1320
<b>Risk class according to EM06 (DGZfP):</b>	2			
<b>Wavelength, nominal max. (Peak):</b>	365 nm +/- 3 nm			
<b>UVA*:</b>	ca. 45 W/m <sup>2</sup>			
<b>UVA Source:</b>	15 UV LEDs	24 UV LEDs	32 UV LEDs	48 UV LEDs
<b>LED tubes</b>	3	3	4	3
<b>White light portion*:</b>	5 lx			
<b>Light distribution (UVA &gt; 10 W/m<sup>2</sup>)*:</b>	400 x 440 mm	740 x 440 mm	740 x 560 mm	1250 x 450 mm
<b>Cooling:</b>	Passive cooling by housing			
<b>Working temperature:</b>	10-45 °C			
<b>Lifetime UV-LED**:</b>	8.000-10.000 h			
<b>Power supply voltage:</b>	110-230 V/50-60Hz			
<b>Reflectors:</b>	110-230 V/50Hz			
<b>Dimensions, mm (HxWxD):</b>	175x320x210	175x585x210	175x585x290	175x1115x210
<b>Weight:</b>	approx. 8,3 kg	approx. ca. 11 kg	approx. ca. 14 kg	approx. ca. 18 kg
<b>Control unit:</b>	internal			
<b>Cable:</b>	4 m industry cable with safety plug			
<b>Protection housing class acc. to EN60529:</b>	IP54			

\* Measuring at a distance of 38 cm to surface.

\*\* Under laboratory conditions as specified by the manufacturer

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