



### MR® 5000 Variolight

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



fig. art.no. 5000S2

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.186-22 L separately



## Technical data:

The following are exemplary standard versions for orientation. Please note that MR<sup>®</sup> 5000 will be manufactured individually according to customer requirements. Please feel free to contact us!

	Version 1	Version 2	Version 3
Art. no.:	5000S1	5000S2	5000S3
Risk class according to EM06 (DGZfP):	2		
Wavelength, nominal max. (Peak):	365 nm +/- 3 nm		
UVA*:	ca. 45 W/m <sup>2</sup>		
UVA source:	15 UV LEDs	24 UV LEDs	32 UV LEDs
LED tubes	3	3	4
White light portion*:	5 lx		
Light distribution (UVA > 10 W/m <sup>2</sup> )*:	400 x 440 mm	740 x 440 mm	740 x 560 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
Weight:	approx. 8,3 kg	approx. 11 kg	approx. 14 kg
Control unit:	Internal		
Cable:	4 m industry cable with safety plug		
Protection housing class acc. to EN60529:	IP54		

\* Measuring at a distance of 40 cm to surface. | \*\* Under laboratory conditions as specified by the manufacturer.

