



**MR® 5010 - Pentelight**

**UV area lamp according to EN ISO 3059  
for Non-Destructive Testing (NDT)**



- **Equipped with 6 high-performance UV LEDs**
- **Wavelength 365 nm**
- **Homogenous illumination**
- **Large light cone Ø 35 cm**
- **With and without pivot-arm available**
- **Optional: Feature for dimming UVA power**





**Technical Data:**

UVA source:	6 x high-performance UV LEDs
Wavelength, nominal max. (Peak):	365 nm ±3nm
Risk class according to EM06 (DGZfP):	2
UVA*:	approx. 35 W/m <sup>2</sup>
White light portion*:	< 5 lx
Light distribution*:	Ø 35 cm (UVA >10 W/m <sup>2</sup> )
Reflector:	30°
Cooling:	passive housing cooling
Working temperature:	10-35 °C
Lifetime UV LED**:	8.000-10.000 h
Supply voltage:	110-230 V/50Hz
Power consumption:	17 W
Power supply:	power supply, external
Cable:	3 m cable
IP housing class according to EN60529:	IP54
Fulfilled standards:	3059, EM06

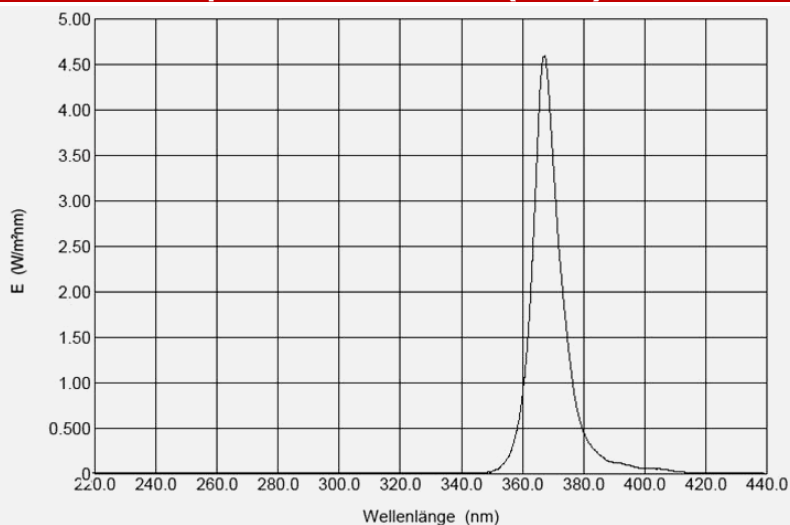
**Dimensions / Weight**

Dimensions UV lamp:	110 x 60 mm (ØxH)
Dimensions power supply:	130 x 75 x 80 mm (HxWxD)
Length pivot-arm:	1500 mm (3 x 500 mm)
Weight UV lamp:	approx. 550 g
Weight power supply:	approx. 360 g
Weight pivot-arm:	approx. 1800 g

**Order numbers**

MR® 5010 <u>with</u> pivot-arm:	5010S
Mount for MR® 5010	On request
MR® 5010 <u>without</u> pivot-arm:	5010
Upgrade - Feature for dimming UVA power	5010-1

**Spectral distribution (Peak)**



\*measured at 40 cm distance

\*Under laboratory conditions specified by manufacturer.