

## photometric and radiometric probes



## HIGHLIGHTS:

- Control of UV lamps in cosmetic tanning systems
- To check the control of cosmetic tanning systems

UVA IRRADIANCE

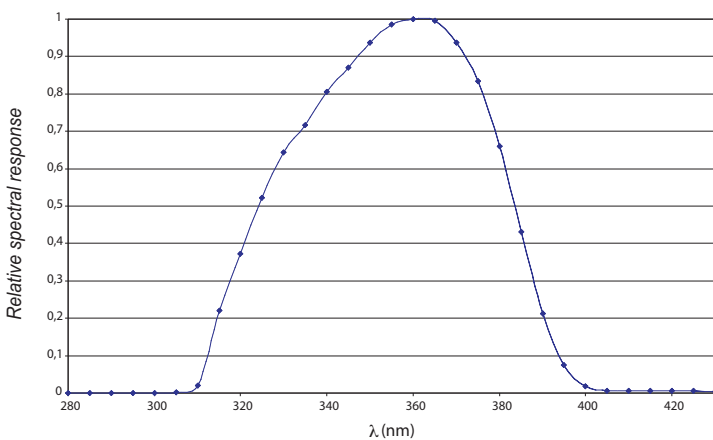
**LP-471-UVA**

Art. no. 700067

Probe for the measure of UVA irradiance

General:	
Radiometric probe for measuring the irradiance in the UVA spectral range 315 ... 400 nm, peak at 360 nm, quartz diffuser for cosine correction. Measuring range: $1.0 \cdot 10^{-3} \text{ W/m}^2 \dots 2000 \text{ W/m}^2$ .	
Application:	
Timing Light to ward off eye problems. For casting and welding control, Polymerization of varnishes, resins, adhesives	
Specifications:	
Measuring range ( $\text{W/m}^2$ ):	$1.0 \cdot 10^{-3} \dots 999.9 \cdot 10^{-3}$ 1.000 ... 19.999 20.00 ... 199.99 200.0 ... 1.999.9
Auflösung ( $\text{W/m}^2$ ):	$0.1 \cdot 10^{-3}$ 0.001 0.01 0.1
Spectral range:	315 ... 400 nm (Peak 360 nm)
Calibration uncertainty:	<5 %
$f_3$ (linearity):	<1 %
$f_4$ (instrument reading error):	$\pm 1$ digit
$f_5$ (fatigue):	<0.5 %
Drift after 1 year:	<2 %
Working temperature:	0 ... 50 °C

Typical response curve: LP-471-UVA



## HIGHLIGHTS:

- Psoriasis light treatment by UVB lamps

UVB IRRADIANCE

**LP-471-UVB**

Art. no. 700068

Probe for the measure of UVB irradiance

General:	
Radiometric probe for measuring the irradiance in the UVB spectral range 280 ... 315 nm, peak at 305 ... 310 nm, quartz diffuser for cosine correction. Measuring range: $1.0 \cdot 10^{-3} \text{ W/m}^2 \dots 2000 \text{ W/m}^2$ .	
Application:	
Polymerization of varnishes, resins, adhesives. Quality control by UV Lamps. For Offset and lithography & electronic, Casting and welding control, Timing light to ward off eye problems	
Specifications:	
Measuring range ( $\text{W/m}^2$ ):	$1.0 \cdot 10^{-3} \dots 999.9 \cdot 10^{-3}$ 1.000 ... 19.999 20.00 ... 199.99 200.0 ... 1.999.9
Resolution ( $\text{W/m}^2$ ):	$0.1 \cdot 10^{-3}$ 0.001 0.01 0.1
Spectral range:	280 ... 315 nm (Peak 305 nm ... 310 nm)
Calibration uncertainty:	<5 %
$f_3$ (linearity):	<2 %
$f_4$ (instrument reading error):	$\pm 1$ digit
$f_5$ (fatigue):	<0.5 %
Drift after 1 year:	<2 %
Working temperature:	0 ... 50 °C

Typical response curve: LP-471-UVB

