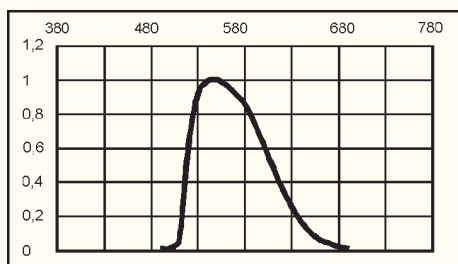


Lux Probe Head Type FLA613VL



- ▶ Lux probe for measuring the density of light at work places according to the guideline ASR 7/3.
- ▶ Spectral adaptation approximated to the photometric valuation function $V(\lambda)$. The measuring fault caused by mismatching is less than 5% with respect to sunlight (D65).
- ▶ Two measuring channels for indoor illumination (high resolution) and ambient light (low resolution).



Type:

Lux probe with ALMEMO® connecting cable 1.5m long incl. factory calibration certificate **Order No. FLA613VL**

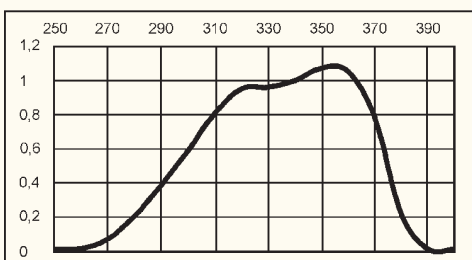
Technical Data:

Low resolution channel:	0 to 260.00klux
High resolution channel:	0 to 26000lux
Power supply:	+5V
Output voltage:	approx. 10 μ V/lux
Impedance:	1k Ω
Accuracy:	base accuracy 5% (of meas. value) accuracy of calibration 5% (at 24°C and approx. 3300 lux)
Nominal temperature:	24°C \pm 2K
Temperature coefficient:	0.2 %/°C
Operat./storage temperature:	0 to 60 °C / -10 to +80 °C
Humidity range:	10 to 90% (non-condensing)
Housing:	black anodised aluminium
Safety class:	IP62
Weight:	40g
Dimensions:	height: 19.5mm, diameter: housing 37mm, diffusor 15mm

UV Probe Head Type FLA613UV



- ▶ UV probe for evaluation of the radiation capacity.
- ▶ The spectral evaluation covers the spectral range 250 to 400nm (20% of the peak sensitivity). The peak wavelength is 366nm. The calibration is carried out in W/m² at 366nm.
- ▶ Two measuring channels with different sensitivity.



Type:

UV meas. probe with ALMEMO® connecting cable 1.5m long incl. factory calibration certificate **Order No. FLA613UV**

Technical Data:

Low resolution channel:	0 to 87.00W/m ²
High resolution channel:	0 to 26.000W/m ²
Power supply:	+5V
Output voltage:	approx. 10 μ V / W/m ²
Accuracy:	base accuracy 5% (of meas. value) accuracy of calibration 5% (at 24°C and approx. 0.500W/m ²)
Detection limit:	approx. 0.2mW/m ² at 366nm
Nominal temperature:	24°C \pm 2K
Temperature coefficient:	0.2 %/°C
Operat./storage temperature:	0 to 60°C / -10 to +80°C
Humidity range:	10 to 90% (non-condensing)
Housing:	black anodised aluminium
Safety class:	IP62
Weight:	50g
Dimensions:	height: 19.5mm, diameter: housing 37mm, diffusor 15mm

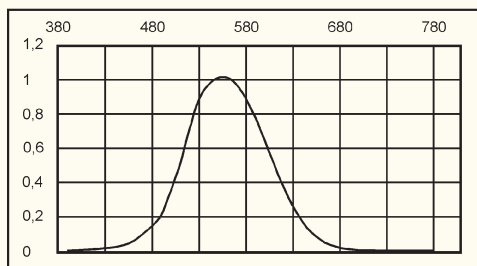


OPTICAL RADIATION

Lux Probe Head Type FLA603VLx



- ▶ High quality probe head for determining the density of light in lighting engineering or in sunlight and any place where DIN standards recommend the use of a class B luxmeter.
- ▶ Spectral adaptation approximated to the photometric valuation function $V(\lambda)$ for photopic vision, class B, better than 6%.
- ▶ Different measuring channels with different sensitivity.



Type:

Lux probe head, DIN quality class B
with ALMEMO® connecting cable 2m long,
incl. factory calibration certificate with calibration in lx
for indoor lighting
(3 measuring channels) **Order No. FLA603VL2**
for ambient light
(2 measuring channels) **Order No. FLA603VL4**

Technical Data:

Measuring range:	FLA603VL2: 0.05 lx to 12500 lx FLA603VL4: 1 lx to 250000 lx
Smallest resolution:	FLA603VL2: 0.01 lx FLA603VL4: 1 lx
Sensitivity:	approx. 20pA/lx
Spectral adaptation:	approxim. to photometric valuat. function $V(\lambda)$ for photopic vision, class B, better than 6%
Max. cos deviation:	class B, < 3%
Cos diffusor:	diameter 7mm
Nominal temperature:	24°C ±2K
Operat./storage temperature:	0 to 60°C/-10 to +80°C
Humidity range:	10 to 90% (non-condensing)
Dimensions:	Ø 37mm, height 20mm