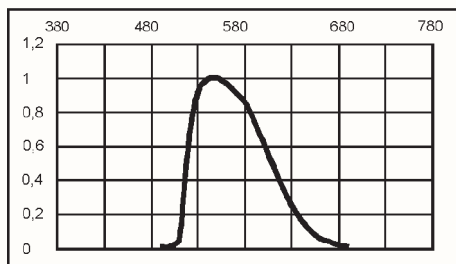


Lux Probe Head Type FLA613VL



- 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**

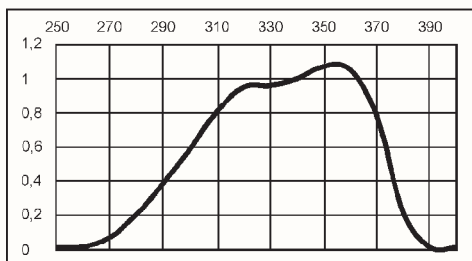
Technical Data:

Low resolution channel:	0 to 260.00klux
High resolution channel:	0 to 26000lux
Power supply:	+5V
Output voltage:	approx. 10μV/lux
Impedance:	1kΩ
Accuracy:	base accuracy 5% (of meas. value) accuracy of calibration 5% (at 24°C and approx. 3300 lux)
Nominal temperature:	24°C ±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/m²
High resolution channel:	0 to 26.000W/m²
Power supply:	+5V
Output voltage:	approx. 10μV / W/m²
Accuracy:	base accuracy 5% (of meas. value) accuracy of calibration 5% (at 24°C and approx. 0.500W/m²)
Detection limit:	approx. 0.2mW/m² at 366nm
Nominal temperature:	24°C ±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

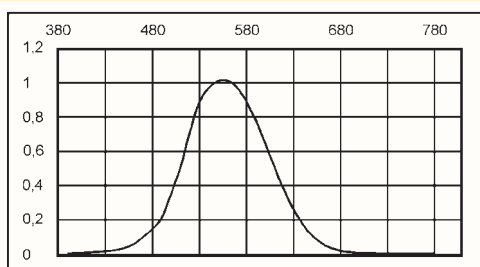
01/2005 We reserve the right to make technical changes.

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)
for ambient light
(2 measuring channels)

Order No. FLA603VL2

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