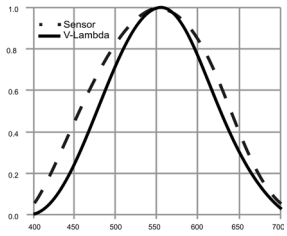
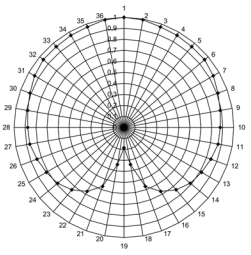
Illuminance measuring head FLA 613 VLK

- Measuring independent of direction - thanks to the probe head's spherical characteristics
- Weather-proof aluminum housing, with plastic globe
- Suitable for universal use, inter alia for measuring in photo-stability tests according to various international standards and ICH guidelines (International Conference on Harmonization)
- Spectral range of the probe head corresponds to the sensitivity of the human eye (V-lambda radiation).





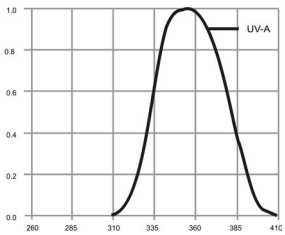
Technical data:

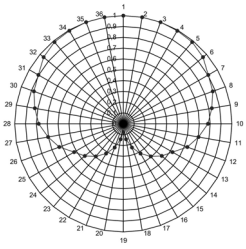
Measuring range	0 to 50 klux
Spectral sensitivity	360 to 760 nm
Maximum spectral sensitivity	555 nm
Signal output	0 to 2 V
Duty cycle	<1 second
Power supply	via ALMEMO® connector +5 to +15 V
Fastening	2 screws, M4, in base plate
Cable passage	at side
Housing	anodized aluminum
Diffuser	Plastic
Ball	Plastic
Directional characteristic	see diagram
Linearity	<1%
Absolute error	<10%
Nominal temperature	22 ± 2 °C
Operating temperature	–20 to +60 °C
Dimensions	Ball diameter : 40 mm Overall height : 76 mm
Weight	approx. 100 grams

Type (including test protocol)	**Order no.**
Lux probe head for measuring luminous intensity, with spherical characteristic, including 1.5-meter cable and ALMEMO® connector	**FLA613VLK**

UVA probe head FLA 613 UVAK

- Measuring independent of direction - thanks to the probe head's spherical characteristics
- Weather-proof aluminum housing, with plastic globe
- Suitable for universal use, inter alia for measuring in photo-stability tests according to various international standards and ICH guidelines (International Conference on Harmonization)
- Measuring head for measuring the UVA





Technical data:

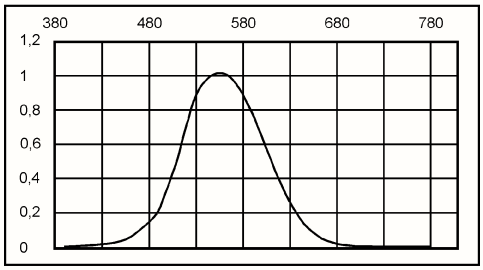
Measuring range	0 to approx. 50 W/m²
Spectral sensitivity	310 to 400 nm
Maximum spectral sensitivity	355 nm
Signal output	0 to 2 V
Duty cycle	<1 second
Power supply	via ALMEMO® connector +5 to +15 V
Fastening	2 screws M4, in base plate
Cable passage	at side
Housing	anodized aluminum
Diffuser	PMMA (polymethyl methacrylate, acrylic)
Ball	PMMA (transparent to UV)
Directional characteristic	see diagram
Linearity	< 1%
Absolute error	< 10%
Nominal temperature	22 ± 2 °C
Operating temperature	–20 to +60 °C
Dimensions	Ball diameter : 40 mm Overall height: 76 mm
Weight	approx. 100 grams

Type (including test protocol)	**Order no.**
UVA probe head, with spherical characteristic, including 1.5-meter cable and ALMEMO® connector	**FLA613UVAK**

Factory calibration KL90xx radiation for sensor (see chapter Calibration certificates)

Illuminance measuring head FLA 603 VLx

- High quality probe head for illuminance 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(λ) for photopic vision, class B, better than 5%.
- Different measuring channels with different sensitivity.



Technical data:

Measuring range:	FLA603VL2: 0.05 lx to appr. 9600 lx FLA603VL4: 1 lx to appr. 190 klx
Smallest resolution:	FLA603VL2: 0.01 lx FLA603VL4: 1 lx
Sensitivity:	approx. 20pA/lx
Spectral adaptation:	approxim. to photometric valuat. function V(l) for photopic vision, class B, better than 5%
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 20 mm

Variants	Order no.
Illuminance measuring head, DIN quality class B with ALMEMO® connecting cable 1.5m long, incl. factory calibration certificate with calibration in lx for indoor lighting (3 measuring channels)	**FLA603VL2**
for ambient light (2 measuring channels)	**FLA603VL4**

Factory calibration KL90xx radiation for sensor (see chapter Calibration certificates)