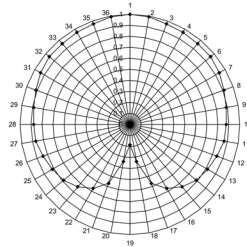
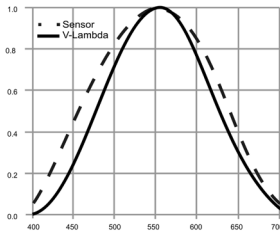


Optical radiation

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 photostability 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)

Lux probe head for measuring illuminance, with spherical characteristic, including 1.5-meter cable and ALMEMO® connector

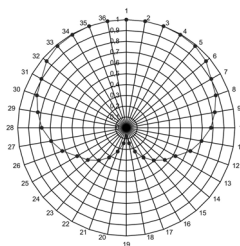
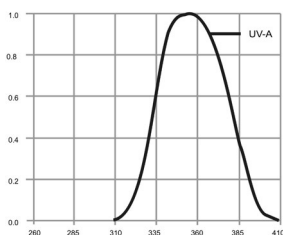
Order no.

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 photostability 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/m ²
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)

UVA probe head, with spherical characteristic, including 1.5-meter cable and ALMEMO® connector

Order no.

FLA613UVAK

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