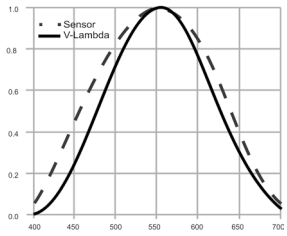
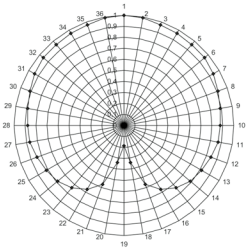
## Illuminance measuring head FLA 613 VLK



- 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:

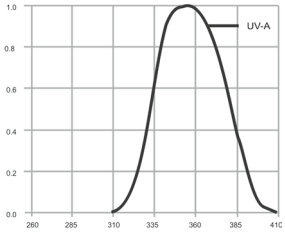
| | |
|---|---|
| Measuring range | 0.02 to 50 klux |
| Spectral sensitivity | 360 to 760 nm |
| Maximum spectral sensitivity | 555 nm |
| Signal output | 0 to 2 V |
| Duty cycle | <1 second |
| Power supply | via ALMEMO® connector<br>+5 to +15 V |
| Fastening | 2 screws, M4, in base plate |
| Cable 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<br>Overall height: 76 mm |
| Weight | approx. 100 grams |

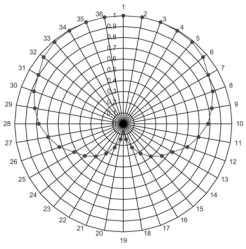
| **Type** (including test protocol) | **Order no.** |
|---|---|
| Lux probe head for measuring illuminance, with spherical characteristic, including 1.5-meter cable and ALMEMO® connector | **FLA613VLK** |

## 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 | 0.02 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<br>+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<br>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“