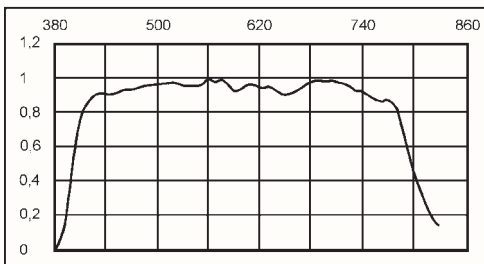


OPTICAL RADIATION

Radiometric Probe Head Type FLA603RW4



- ▶ High quality radiometric probe head for precise determination of the radiation intensity in the visible wavelength range from 400 to 800nm.
- ▶ Measurement geometries with cosine diffusor instead of simple diffusing screen for highest quality requirements.
- ▶ Three measuring channels with different sensitivity.



Type:

Radiometric probe head with ALMEMO® connecting cable 2m long incl. factory calibration certificate with calibration in mW/cm² for evaluation of LED diodes and lasers

Order No. FLA603RW4

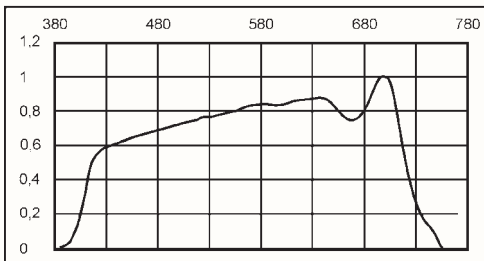
Technical Data:

Measuring range:	0.00004 to 10 mW/cm ²
Resolution:	10 nW/cm ²
Sensitivity:	approx. 500nA/(mW/cm ²)
Spectral sensitivity:	400 to 800nm
Max. cos deviation:	< 5%
Cos diffusor:	diameter 15mm
Dimensions:	diameter 37mm, height 50mm

Photosynthesis Probe Head FLA603PS4 / PS5



- ▶ High quality measuring head for direct evaluation of the Photosynthetic Active Radiation (PAR) in the wavelength range from 400 to 700nm.
- ▶ Measurement geometries with cosine diffusor instead of simple diffusing screen for highest quality requirements.
- ▶ Waterproof design with clear dome hood as sealing for the diffusor.
- ▶ Three measuring channels with different sensitivity.



Type:

Photosynthesis probe head with ALMEMO® connecting cable 2m long incl. factory calibration certificate with calibration in μmol/(m²·s) Measuring low-level available light (e.g. dawn, dusk, artificial lighting) **Order no.FLA603PS4** Measuring in greenhouses with daylight **Order no.FLA603PS5** in a waterproof design with clear dome hood (see illustr.) **Order no. FLA603PS4/5WG**

Technical Data:

Measuring range:	0.0002 to 5,0 μmol/(m ² ·s)
Measuring range	
FLA603PS4	0.0002 to 5 μmol/(m ² ·s)
FLA603PS5	0.2 μmol/(m ² ·s) to 100.00 μmol/(m ² ·s)
Smallest resolution	
FLA603PS4	0.0002 μmol/(m ² ·s)
FLA603PS5	0.1 μmol/(m ² ·s)
Resolution:	0.0002 μmol/(m ² ·s)
Sensitivity:	approx. 100 nA/(μmol/m ² ·s)
Spectral sensitivity:	400 to 700nm
Max. cos deviation:	< 5%
Cos diffusor:	diameter 15mm
Dimensions:	diameter 37mm, height 35mm

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