



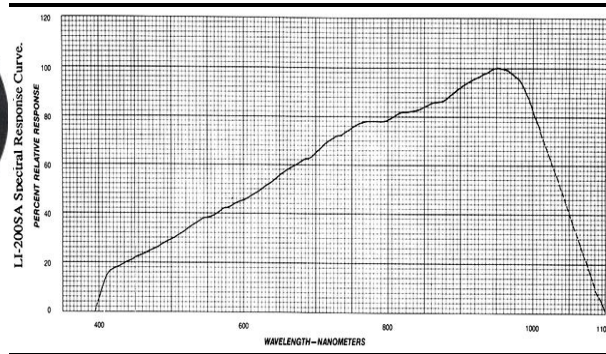
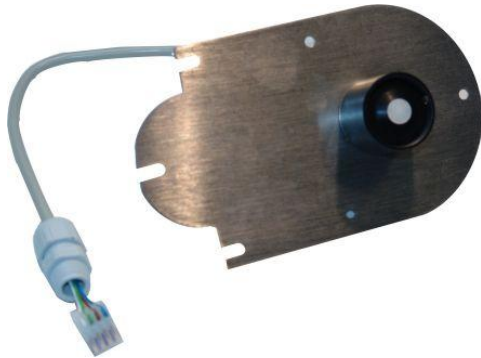
# PESSL INSTRUMENTS GES.M.B.H.

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SENSOR	<b>Pyranometer Sensor</b>
Art.No.	<b>IM506D</b>



PARAMETER	
Sensor	LI-200SZ
Calibration	Calibration against Kipp and Zone CMP3 under daylight. Absolute error max. 5%, typically 3%
Stability	2% drift on 2 years use
Time to measure	10µs
Temperature dependency	0.15% per Centigrade
Cosines correction	Sensor corrects up 80 ° degrees
Direction error	1% through 360 degrees at 45°
Working temperature	-20 to 65 C
Relative Humidity	0 to 100%
Sensor	Photodiode
Housing	Weather resistance in stainless steel and aluminium
Size	12.68 cm lengths x 4.50 cm height
Weight	114g
Evaluation	Pulse wide modulation output 163,5 Hz Frequenz 8.18% puls wide at 0W/m2 91.82% puls wide at 2046W/m2
Spectral range:	300-1100nm