

MEASUREMENT REPORT PYRANOMETER

Routine measurement of temperature dependency during final inspection.

DATE OF MEASUREMENT

: 21/10/2011

PERFORMED BY

: F. de Wit

PYRANOMETER TYPE

: CMP 22

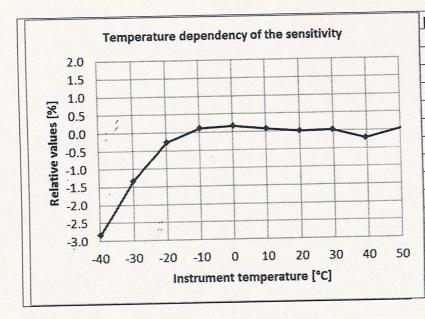
SERIAL NUMBER

: 110275

PROCEDURE:

The pyranometer is mounted on a vertical table in the climate chamber. Outside the chamber a 250 W Tungsten-Halogen lamp, at a distance of 60cm, illuminates the pyranometer at normal incidence. During the test, the pyranometer is ventilated at a windspeed of 5 m/s.

The pyranometer is tested in a temperature range over 50 °C down to -40 °C in steps of 10 °C. The relative temperature dependency is plotted below



[°C]	deviation [%]
50	0.03
40	-0.20
30	-0.01
20	0.00
10	0.08
0	0.17
-10	0.10
-20	-0.26
-30	-1.35
-40	-2.83

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