

MEASUREMENT REPORT

PYRANOMETER

Routine measurement of temperature dependency during final inspection.

DATE OF MEASUREMENT : 21/11/2011
 PERFORMED BY : F. de Wit
 PYRANOMETER TYPE : CMP 22
 SERIAL NUMBER : 110309

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

