



SEAWARD
ELECTRICAL SAFETY TESTING
& MEASURING.

How is solar irradiance measured?

By Reference to the high requirements set out in the standards of the International Standards Organization (ISO) and the International Electrotechnical Commission (IEC) the use of silicon cell technology as a photovoltaic detector is the most accurate and reliable method for the measurement of solar irradiance. The use of silicon cells is preferred to other types of detectors such as thermopiles and thermocouples. Silicon cells commonly have temperature compensation to ensure that the measurement accuracy is not affected changes in temperature.

If you require more help, please contact us at
<https://www.seaward.com/cms/enquiry/>.