



SEAWARD
ELECTRICAL SAFETY TESTING
& MEASURING.

How is solar irradiance measured?

By reference to the high requirements set out in the standards of accreditation. Standards specify the use of primary standard reference cells, which are only used to measure global irradiance as a reference. They are made of polysilicon, which has a very high resistivity to ensure high stability and accuracy. They are used in solar PV applications. These are of monocrystalline, polycrystalline and thin-film types. Reference 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/>.