



How is solar irradiance measured?

By Reference Cell. The high requirement on testing devices being adopted by international standards organizations for the measurement of solar irradiance is that they must have the same spectral response as a silicon reference cell. This means that they must have a spectral response that is highly consistent with the spectral response of a silicon reference cell. This is why reference cells are commonly used in solar irradiance measurement. 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/gb/enquiry/>.