



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 the PV device they are intended to represent. Generally, the most highly sensitive high quality reference cells are silicon for solar PV applications. They are also suitable for PV system performance testing and 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/de/enquiry/>.