How is solar irradiance measured?

Reference Cells are used to measure the irradiance in the plane of the PV module and are calibrated to international standards. Reference cells are made from a piece of PV material from the same batch as the modules they are used to test. This ensures the spectral response of the reference cell matches that of the PV modules they are testing. Reference cells are temperature sensitive, high-cost instruments with low long-term stability and require regular calibration. 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/sitemap/enquiry/.

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