



SEAWARD
ELECTRICAL SAFETY TESTING
& MEASURING.

What happens if the irradiance changes during an I-V curve measurement?

Ideally, if the real life irradiance is constant, the I-V curve will be a straight line. However, in practice, the irradiance can change during the measurement. This is due to a number of factors, including changes in the solar panel's temperature, which can occur if the irradiance is not constant. If the irradiance changes during the measurement, the I-V curve will be distorted. This is because the current generated by the solar panel is directly proportional to the irradiance. If the irradiance changes, the current will change, and the I-V curve will be distorted. Therefore, it is important to ensure that the irradiance is constant during the measurement. If the irradiance changes, the I-V curve will be distorted, and the results will be inaccurate.

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