

Mobile Electroluminescence / Photoluminescence



Methodology

This equipment can be used to obtain electroluminescence (EL) or photoluminescence (PL) images of PV modules (either individual modules or strings). The interest is that it is possible to characterise the condition of the module on site and in daytime, as it is not necessary to wait for dark conditions.



L.Sicot

Characteristics

- * Resolution 320x256
- * Approximately 60s/image

Expertise

- * Analysis of electroluminescence images

Results

References

Applications

- * EL or PL pictures on site and in daytime
- * Characterisation of individual modules or of strings of modules

Localisation

Partner

Le Bourget du Lac (73)

Institution

CEA

50 avenue du Lac Léman 73375 Le Bourget-du-Lac - France

Contact

Franck MEDLEGE

(+33) (0)4.79.79.28.08

franck.medlege@cea.fr

What is DURASOL

Durasol is a platform of scientific equipment for testing the durability solar materials and systems. Durasol is powered by the excellence of the platform partners involved and can be accessed by any interested party. More information on www.durasol.fr.

TRANS-EL