

Ensuring LED lamps are as energy efficient as claimed-

MCCAA Malta Competition and Consumers Authority

EEPLIANT project summary

The EEPLIANT project was designed to help deliver the intended economic and environment benefits of the Energy Labelling and Ecodesign Directives by increasing the rates of product compliance with them.

The EEPLIANT project team, consisting of 13 Market Surveillance Authorities from across the EU, organises coordinated **monitoring, verification** and **enforcement** activities, including product testing. Malta is taking part in the testing of **LED lamps** through the Technical Regulations Division of the Malta Competition and Consumer Affairs Authority..

In addition to the product testing activities, the project also ensures an inspection of the products' technical documentation, defines market surveillance best practices and establishes these among the participating market surveillance authorities. Best practice information is shared with the other national and regional authorities within the EU, as will the results of this project. Communication and awareness activities targeting professional stakeholders, civil society, governments, etc. are undertaken on a regular basis.

Key activities

In the project the following set of activities have been undertaken:

- **Document inspection** - verification of the technical documentation which the suppliers have to make available to authorities upon their request; - 88% of products sampled in Malta passed this process.
- **Screen testing** - undertaking of preliminary tests to identify and assess the likelihood that a certain model would fail full compliance testing; 12% of products sampled in Malta passed this process.
- **Coordinated compliance testing** - full scale testing of a selected number of models, in part preselected from the range of models failing the screen testing stage. 12% of products sampled in Malta passed this process.

For more information, see: <http://www.eepliant.eu/index.php/about-eepliant/description>

Latest news

MSA guidelines and training: the best practice on energy label and ecodesign market surveillance has been elaborated and shared with the authorities participating to the project, and also made available to all other relevant authorities throughout the EU.

EEPLIANT coordinator, PROSAFE, has opened an e-learning portal focusing on market surveillance best practice. It contains training materials mainly intended to support market surveillance officials and professional stakeholders who wish to learn and update themselves about certain product

safety and compliance issues in line with the regulatory framework found within countries of the European Economic Area.

More info: <http://www.eepliant.eu/index.php/work-packages/wp2-best-practices>

<http://www.eepliant.eu/index.php/work-packages/wp3-training>

<http://www.e-learningwmb.com/hosting/prosafe/login.php>

LEDs: Information on the packaging has been checked, as well as the declaration of conformity. The models considered as high risk of noncompliance are now being laboratory tested.

Document inspection for 134 models has been conducted, including a screen exercise for 117 models. Full testing of 86 LED models now under way, including the lifetime and other performance parameters, such as colour rendering, power factor, power, beam angle, etc.

The selection of lamp models from the market followed a “risk based” approach with the goal to efficiently detect and remove as many non-compliant products as possible within the project. So far, in total 76 lamp models or their packages or the documentation showed to be non-compliant concerning one or more of the EU regulations concerned.

More info: <http://www.eepliant.eu/index.php/work-packages/wp4-led>

http://www.eepliant.eu/images/Documents/WP4/Flyer-EEPLIANT_LEDs_10-20162.pdf