

Annex B Criteria to determine substantial similarity of Product Types

Product Types shall be Substantially Similar if they are manufactured with:

- (a) identical electronic components and circuitry, and
- (b) identical LEDs,
- (c) identical phosphors, diffusers, lenses and other optically active elements, and
- (d) identical molds.

Note – this Annex needs more detail and analysis of what differences create a real risk of non-interchangeability. The Annex can be changed by decision of the Steering Committee. We can, therefore, start with very strict limitations on substantial similarity and gradually relax the rules when we have a better understanding of the real risks.



Annex B1 Criteria for testing families LED module with separate ECG

1- Definitions

1.1 “LED Module Family” means a set of LED modules from one company that is Substantially Similar except for using different LEDs or phosphors. All the LED modules in the family use the same ECG.

2- Testing of LED Module Family

2.1 A LED Module Family shall be submitted to an Authorized Testing Center at once with complete Product Data Set for each model.

2.2 The Authorized Testing Center shall select a number of models equal to 25% of the LED Module Family rounded-up to the next integer but not less than 2. The selected models shall represent the range of thermal parameters across the Product Data Sets for all models.

2.3 The Authorized Testing Center shall perform the Tests on each selected model in accordance with the applicable Test Specification, and if all tested models are compliant; issue:

- i. a Test Report for each model tested, and
- ii. a Test Certificate for each model in the LED Module Family.

2.4 If any of the tested models are non-compliant, the LED Module Family shall be rejected. A Test Report and Test Certificate may be issued for each individually compliant model. The remaining models, with Product Data Set amended as necessary, may be resubmitted to an Authorized Testing Center as part of a new family.