



PERMANENT DOCUMENT

**ENEC 303
Annex AL**

**Annex AL
to Routine Test Requirements for manufacturers
(as per Article 9 of the Agreement)**

**Self-ballasted LED Lamps > 50V
covered by EN 62560**

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Annex AL to PD ENEC 303

Self-ballasted LED Lamps > 50V covered by EN 62560

1 ROUTINE TESTS (100%)

- 1.1 Visual check of content of marking as part of a sampling plan on all production unless a statistical quality control system is applied, which shows that a 100 % check of marking is not necessary.
- 1.2 Functional test to check that the luminous flux of each unit of product does not show a deviation of more than +/- 20% versus the product rated value.

Note: more than -20% of deviation may be the consequence of safety relevant electrical problem.

More than +20% of deviation is a photo biological issue with potential regulation related problem.

2 PERIODIC TESTS

- 2.1 Cap Interchangeability according to paragraph 6.1 of EN 62560 on 0.1% of the production
 - 2.2 Mechanical strength according to paragraph 9 of EN 62560 on 0.1% of the production
 - 2.3 A sample of each series/family (same basic construction) shall be subject to complete test or the main critical test depending on the results of the pre-license according to the standard at least once a year.
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