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

Lighting chains covered by EN 60598-2-20
Rope lights covered by EN 60598-2-21

Legend:

[Text strikethrough] deleted

Text in red color added

Text in blue color – modifications on comments of the member during voting

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Annex B to PD ENEC 303

Lighting chains covered by EN 60598-2-20
Rope lights covered by EN 60598-2-21

1   ROUTINE TESTS (100%)

1.1   Inspection

Visual inspection shall take place to ensure that:

a) all specified labels are securely in place;

b) manufacturers' instructions are placed with the luminaire, where necessary;

c) visual inspection of luminaire for completeness and mechanical check against a check-list for the product.

1.2   Operating check

The lighting chains shall be connected with proper lamps (if not supplied with the chains) for the correct operating.

Otherwise a circuit giving sufficient assurance of correct operation can be used, as alternative.

Rope lights shall be connected to rated supply to check correct operation.

2   PERIODIC TESTS

2.1   Dielectric strength test (at least in 1% of the production) 1500 V for 1 sec.

Between live parts and external accessible parts.

Note: In alternative to electric strength test, the manufacturer may carry out the insulation test applying 500 V DC for 1 sec (minimum resistance 2 MΩ).

Note: 1% of the production means per single product not per length (e.g. per meter)

2.2   Protection of enclosure (at least once a year)

(For IP > than X2 only)

2.3   Pull test on cable of micro-cap (only for lighting chains with push-in lampholders) and for rope light end-cup.

(at least once a year).

2.4   Short-circuit test of rectifier (only for class II or class III LED rope light incorporating a rectifier unit)

(at least once a year).