

AMENDMENT No. 3 APPROVED ON 2011-04-28 TO SLS 1231:PART 1 : 2002

**SRI LANKA STANDARD SPECIFICATION FOR
SELF-BALLASTED LAMPS FOR GENERAL LIGHTING SERVICES
(INTEGRAL TYPE COMPACT FLUORESCENT LAMPS)**

PART 1 : PERFORMANCE REQUIREMENTS

Title

Replace the existing title as follows:

**SRI LANKA STANDARD SPECIFICATION FOR
SELF-BALLASTED LAMPS AND MODULAR TYPE COMPACT
FLUORESCENT LAMPS FOR GENERAL LIGHTING SERVICES**

PART 1: PERFORMANCE REQUIREMENTS

1 Scope

Delete the existing text and substitute with the following:

This part of the standard specifies the performance requirements and method of tests for tubular fluorescent and other gas-discharge lamps with integrated means for controlling, starting and stable operation, (of self-ballasted and modular type compact fluorescent lamps) intended for domestic and similar general lighting services having:

- a) a rated wattage up to 60 W
- b) a rated voltage of 100 V to 250 V; and
- c) Edison screw or bayonet caps

3.8 modular type compact fluorescent lamps

Add the following at the end of **3.7**.

3.8 modular type compact fluorescent lamps: A lamp consists of gas discharge tube, ballast and cap which can be separated as modules without causing damage to gas discharge tube, ballast or cap.

3 DEFINITIONS

Replace the remaining clause number beginning from **3.8** and ending with **3.24** with an ascending order beginning with **3.9**.

4.10 Interchangeability requirement for modular type compact fluorescent lamps

Add the following at the end of 4.9

4.10 Interchangeability requirement for modular type compact fluorescent lamps

Gas discharge tube of one of the lamps shall be removed and replaced with gas discharge tubes of other two lamps given in Table 6. The variation of all electric measurements (wattage and power factor) and photometric measurements (total luminous flux) made by changing the gas discharge tubes as mentioned above shall not exceed 10 per cent from the specified values.

Ballast of the third lamp shall be replaced by the ballast of the second lamp given in Table 6 and all electric measurements (wattage and power factor) and photometric measurements (total luminous flux) shall be taken again. The variation of all readings shall not exceed 10 per cent from the specified values.

The replacement of components shall be possible only with components of the same model number. This requirement shall be ensured by appropriate means.

Table 6 – Sequence of interchangeability

Gas discharge tube	Ballast		
	B 1	B 2	B3
T 1	X	X	X
T 2	X	X	X
T 3	X	X	X

NOTE: T1, T2 and T3 stand for three different tubes of the sample and B1, B2 and B3 stand for corresponding ballasts.

Marking

Add the following at the end of 5.1

d) For modular type compact fluorescent lamps, the gas discharge tube and ballast shall have model numbers ensuring compatibility of the two components.
