

**AMENDMENT NO. 2 APPROVED ON 2009-05-29
TO SLS 1231 : 2002**

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

Part 1: Performance requirements

Clause 4.8.2

Delete the entire clause and substitute with the following :

4.8.2 *If the lamp active input power ≤ 25 W, the harmonic currents shall not exceed the relative limits given in Table 2 or the requirements given in (b).*

a) TABLE 2 - Harmonic current limits for lamps (active input power ≤ 25 W)

Harmonic order n	Maximum permissible harmonic current per watt mA/W
(1)	(2)
3	3.4
5	1.9
7	1.0
9	0.5
11	0.35
$13 \leq n \leq 39$ (odd harmonics only)	$3.85/n$

b) The third harmonic current, expressed as a percentage of the fundamental current, shall not exceed 86 per cent and the fifth shall not exceed 61 per cent moreover, the waveform of the input current shall be such that it begins to flow before or at 60° , has its last peak (if there are several peaks per half period) before or at 65° and does not stop flowing before 90° , where the zero crossing of the fundamental supply voltage is assumed to be at 0° .