

**IEC 61000-3-2**  
(Edition 3.2 – 2009)

**Electromagnetic compatibility (EMC) –**

**Part 3-2: Limits – Limits for harmonic current emissions  
(equipment input current  $\leq 16\text{A}$  per phase)**

**CORRIGENDUM 1**

NOTE This corrigendum relates only to the consolidated edition IEC 61000-3-2:2009 (Edition 3.2). The third edition of IEC 61000-3-2 (2005) and its Amendment 1 (2008) and Amendment 2 (2009) are not affected. In Subclause 7.3 b) the two dashed items are shifted to the right and the last sentence is reinserted.

**7.3 Limits for Class C equipment**

*Instead of:*

b) Active input power  $\leq 25\text{ W}$

Discharge lighting equipment having an active input power smaller than or equal to 25 W shall comply with one of the following two sets of requirements:

- the harmonic currents shall not exceed the power-related limits of Table 3, column 2, or:
- the third harmonic current, expressed as a percentage of the fundamental current, shall not exceed 86 % and the fifth harmonic current shall not exceed 61 %. Also, the waveform of the input current shall be such that it reaches the 5 % current threshold before or at 60°, has its peak value before or at 65° and does not fall below the 5 % current threshold before 90°, referenced to any zero crossing of the fundamental supply voltage. The current threshold is 5 % of the highest absolute peak value that occurs in the measurement window, and the phase angle measurements are made on the cycle that includes this absolute peak value. See Figure 2.

*read:*

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If the discharge lighting equipment has a built-in dimming device, measurement is made only in the full load condition.