

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.