

EQUIPMENT FOR GENERAL LIGHTING PURPOSES – EMC IMMUNITY REQUIREMENTS

INTERPRETATION SHEET 1

This interpretation sheet has been prepared by IEC technical committee 34: Lamps and related equipment.

The text of this interpretation sheet is based on the following documents:

ISH	Report on voting
34/180/ISH	34/185/RVD

Full information on the voting for the approval of this interpretation sheet can be found in the report on voting indicated in the above table.

The draft is based on the outcome of documents 34/155/DC and 34/158/INF.

Introduction:

Test conditions of dimmable lighting equipment are unclear in IEC 61547 for dimmable lighting equipment with dim level other than $50\% \pm 10\%$. Some HID control units have only one dim level, for example 65 %.

Present text, Clause 7, second paragraph, first sentence:

“Equipment including a regulating control shall be tested at a light output level of $50\% \pm 10\%$.”

Interpretation for equipment which could not fulfill the test dim level conditions:

If a light output level of $50\% \pm 10\%$ is not available for equipment including regulating control, the test shall be done at the level which is closest to 50 %. If two steps equally distant to 50 % are available, the lower level ($< 50\%$) shall be used for the test.