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AS/NZS 61347.2.8:2003 (R2019) Lamp controlgear - Part 2.8: Particular requirements for ballasts for fluorescent lamps

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Abbreviation

AS/NZS 61347.2.8:2003

Valid from

24/07/2003

Information provider

Standards New Zealand

Author

Standards Australia, Standards New Zealand

Information type

New Zealand Standard

Format

PDF

Cited By

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Description

This Standard specifies safety requirements for ballasts excluding resistance types and used in a.c. supplies up to 1000 V.

This Standard is reproduced from IEC 61347-2-8:2000 and varied to suit national requirements.

Scope

This part of AS/NZS 61347 specifies safety requirements for ballasts, excluding resistance types, for use on a.c. supplies up to 1000 V at 50 Hz or 60 Hz, associated with fluorescent lamps with or without pre-heated cathodes operated with or without a starter or starting device and having rated wattages, dimensions and characteristics as specified in AS/NZS 60081 and 60901.

This standard applies to complete ballasts and to their component parts such as reactors, transformers and capacitors. Particular requirements for thermally protected ballasts are given in annex B.

Ballasts for conventional operation of lamps at mains frequency are covered, while a.c. supplied electronic ballasts for high frequency operation are excluded. These are specified in IEC 61347-2-3.

Capacitors having a capacitance greater than 0,1 mF are covered by AS/NZS 61048 and AS/NZS 61049. Capacitors having a capacitance less than or equal to 0,1 mF are specified in IEC 60384-14.

Performance requirements are the subject of AS/NZS 60921.

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- [AS/NZS 1680.1:2006](#)

AS/NZS 61347.2.8:2003 is cited by AS/NZS 1680.1:2006 Interior and workplace lighting - Part 1: General principles and recommendations

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