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AS/NZS 4782.1:2020 Double-capped fluorescent lamps - Performance specifications - Part 1: General

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Abbreviation
AS/NZS 4782.1:2020
Amendment
Amendments A1 - A5 should be purchased separately.
Valid from
10/03/2020

Information provider
Standards New Zealand
Author
Standards New Zealand, Standards Australia
Information type
New Zealand Standard
Format
PDF, Hard copy

Description

This Standard specifies performance requirements for double-capped fluorescent lamps for general lighting service.

Objective of this Standard is to provide technical requirements for tubular fluorescent lamps with preheated cathodes for general lighting service, operated with or without a starter from a.c. mains, also describes tests for the lamps with non-preheated cathodes operated without the use of a starter. This Standard is an adoption with national modifications, and has been reproduced from, IEC 60081:1997+AMD1:2000 CSV (ED. 5.1), Double-capped fluorescent lamps - Performance specifications. (Amdt 1-Amdt 5 appended)

Scope

The requirements of this standard relate only to type testing. Conditions of compliance, including methods of statistical assessment, are under consideration.

The following lamp types and modes of operation are included:

- a) lamps having preheated cathodes, designed for operation on a.c. mains frequencies with the use of a starter, and additionally operating on high frequency;
- b) lamps having preheated high-resistance cathodes, designed for operation on a.c. mains frequencies without the use of a starter (starterless), and additionally operating on high frequency;
- c) lamps having preheated low-resistance cathodes, designed for operation on a.c. mains frequencies without the use of a starter (starterless), and additionally operating on high frequency;
- d) lamps having preheated cathodes, designed for operation on high frequency;

- e) lamps having non-preheated cathodes, designed for operation on a.c. mains frequencies;
- f) lamps having non-preheated cathodes, designed for operation on high frequency.

For some of the requirements given in this standard, reference is made to the relevant lamp data sheet. For some lamps these data sheets are contained in this standard. For other lamps, falling under the scope of this standard, the relevant data are supplied by the lamp manufacturer or responsible vendor.

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