

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Amendment No. 2
to
AS/NZS 60598.1:2017
Luminaires
Part 1: General requirements and tests (IEC 60598-1, Ed. 8.0 (2014) MOD)

REVISED TEXT

The 2017 edition of AS/NZS 60598.1 is amended as follows; the amendment(s) should be inserted in the appropriate place(s).

SUMMARY: This Amendment applies to the Preface and Appendix ZZ.

Published on 27 November 2020.

Approved for publication in New Zealand by the New Zealand Standards Approval Board on 2 September 2020.

AMDT
No. 2
NOV
2020

Preface

- 1 *Delete* the second paragraph and *replace* with the following:

This Standard incorporates Amendment No. 1 (November 2017). The changes required by Amendment No. 1 are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected. Amendment No. 2 (November 2020) is attached at the end of the document.

- 2 After the objective statement (third paragraph in current version) *add* the following:

The objective of Amendment 2 is to—

- (aa) add a requirement for a cord tag for luminaires intended to be fixed to the wall and supplied with a plug and cord;
- (bb) amend requirements for small batteries in Clause 4.101;
- (cc) modify references to metal oxide varistors; and
- (dd) correct needle-flame test requirements in Clause 13.3.3.

AS/NZS 60598.1:2017 incorporating Amendment No. 1:2017 will remain current for 12 months from the date of publication of Amendment No. 2. After this time, it will be superseded by AS/NZS 60598.1:2017 incorporating Amendment No. 1:2017 and Amendment No. 2:2020. Regulatory authorities that reference this Standard in regulation may apply these requirements at a different time. Users of this Standard should consult with these authorities to confirm their requirements.

AMDT
No. 2
NOV
2020

Appendix ZZ variation to Clause 3.3.19 (new)

Add the following after the variation to Clause 3.3.18:

- 3.3.19** *Delete* the text and *replace* with the following Note:

NOTE In Australia and New Zealand, there is no allowance for a protective conductor current greater than 10 mA.

AMDT
No. 2
NOV
2020

Appendix ZZ addition of Clause 3.3.103 (new)

Add the following after the variation listed as Clause 3.3.102:

3.3.103 (new) After Clause 3.3.102, add new Clause 3.3.103, as follows:

3.3.103 Luminaires intended to be fixed to the wall and are supplied with a plug and a cord shall be supplied with a cord tag with the substance of the following wording:

WARNING: THE FLEXIBLE WIRING CONNECTED TO THIS LUMINAIRE SHALL BE EFFECTIVELY FIXED TO THE WALL.

NOTE The warning is intended to prevent strangulation and shock hazard to children.

AMDT
No. 2
NOV
2020

Appendix ZZ variation to Clause 4.32

Delete the text of the variation to Clause 4.32 and *replace* with the following:

Delete the text and *replace* with the following:

4.32.1 General

To limit the effects of lightning surges and other transient overvoltages, overvoltage protective devices may be used in luminaires and they can be either Surge protective devices (SPDs) or surge protective components (SPCs).

NOTE: Examples of SPCs are varistors (MOVs) and gas discharge tubes (GDTs). SPCs may be integrated with thermal protection devices, such as thermal fuses or PTCs, in the same package. SPDs will utilize SPCs and are a complete assembly.

4.32.2 Surge protective devices (SPDs)

SPDs shall comply with IEC 61643-11. SPDs that are external to controlgear and connected to earth shall be used only in fixed luminaires and shall be connected only to a protective earth.

4.32.3 Surge protective components (SPCs)

SPCs that are external to controlgear shall comply with the requirements of AS/NZS 3100 for varistors.

AMDT
No. 2
NOV
2020

Appendix ZZ Clause 4.101

In Clause 4.101.1, *delete* first three paragraphs and *replace* with the following text:

Button cells and batteries designated R1 shall not be removable without the aid of a **tool** unless the cover of their compartment can only be opened after at least two independent movements have been applied simultaneously. Refer to AS/NZS 60335.1:2011 Clause 22.54.

NOTE: Batteries are specified in IEC 60086-2.

AMDT
No. 2
NOV
2020

Appendix ZZ variations to Clause 8.2.1

1 In the first item, third sentence, *delete* “Luminaires with non-replaceable light sources are subjected to the tests of Clause 4.29 prior to applying the tests and inspections of Section 8 of this Standard”.

2 *Delete* the text of the second item, and *replace* with the following:

Delete the ninth paragraph beginning with ‘Covers in fixed luminaires that cannot be removed ...’ and *replace* with ‘Covers that can be removed by hand shall be removed.’