

Standards and Regulatory Update

Illuminations Article

Standards Update

Public comment open

The following fundamental Australian Standard for luminaires is being revised. The proposed changes are now available for public comment. Lighting Council Australia members will be provided with a summary of the changes and what they will mean for their products.

[AS/NZS 60598.1 Luminaires, Amendment 2](#)

Amendment 2 is proposing changes in the following areas —

- Luminaires intended to be fixed to the wall and supplied with cord exceeding 30 cm.
- Small batteries: The requirements for battery powered products will be amended.
- The surge protection requirements are proposed to be amended.
- Modify the needle-flame (i.e. flammability) test requirements.
- Clarify that luminaires cannot have a leakage current exceeding 10mA.

This draft amendment is available until 7 April 2020 as a public comment document at <https://sapc.standards.org.au/sapc/public/listOpenCommentingPublication.action>

Plug pack power supplies with integral pins

Following a number of electrical shock incidents due to plug pack power supplies (with integral pins for direct mounting in a socket outlet) the Australian Standard for these products (AS/NZS 3112 Appendix J) will likely be amended to include an additional 1 Joule impact test. Lighting Council Australia members will be provided with updates on the details as they are finalised.

Minimum Energy Performance Standards

Lighting Council Australia members are currently involved in the development of minimum energy performance standards for LED lamps and the phase out of halogen lamps in Australia. The Australian Government is aiming to introduce these standards on or soon after 1 September 2021.

International alignment

The Australian Standards committee for lamp and luminaire safety discussed and agreed greater alignment with international standards should occur going forward unless there is a high-risk issue that needs to be addressed by a change in an Australian Standard.

Insulation covering testing of LED drivers (controlgear)

The Australian standards committee discussed the new requirement for insulation covering testing of LED drivers. Advice will soon be issued to Lighting Council Australia members regarding this important clarification.

Sports Lighting standard update

AS 2560.2 (Series) *Sports lighting, Part 2: Specific applications* is currently being revised by a working group. Drafting is expected to be near completion by September 2020 and then issued for public comment.

Regulatory Update

Lighting suppliers, designers and contractors should note the following important regulatory changes that will soon be implemented:

1. The National Construction Code 2019 energy efficiency rules for lighting (i.e. Section J6) will become mandatory to apply from 1 May 2020. The different state authorities start applying the new rules in various ways. However, in general when a development application is submitted on or after 1 May 2020, it will need to comply with the new energy efficiency rules.

Lighting Council Australia and the International Association of Lighting Designers have published an industry guide to make the most of the new rules including a link to the new lighting calculator spreadsheet.

2. LED lamps (Self ballasted) have been classified as level 3 (high risk) and required to be certified and registered under the electrical equipment safety system (EESS) for nearly two years.

From 1 July 2020, LED lamps will also become classified as declared articles in NSW. LED lamps that are already certified under the EESS do not need to do anything. LED lamps that are sold in NSW on or after 1 July 2020 will need to be certified to AS/NZS 62560:2017. Lighting Council Australia members can contact the secretariat for further advice.

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