

INTERNATIONAL STANDARD

NORME INTERNATIONALE

LED modules for general lighting – Safety specifications

Modules à LED pour éclairage général – Spécifications de sécurité





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**LED MODULES FOR GENERAL LIGHTING –
SAFETY SPECIFICATIONS**

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International Standard IEC 62031 has been prepared by subcommittee 34A: Lamps, of IEC technical committee 34: Lamps and related equipment.

This second edition cancels and replaces the first edition published in 2008, Amendment 1:2012 and Amendment 2:2014. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) the scope was clarified as well as the wording in several other clauses;
- b) the normative references were updated;
- c) the definitions for "replaceable LED module", "non-replaceable LED module" and "non-user replaceable LED module" were introduced while other definitions covered by IEC 62504 have been removed;
- d) the marking clause was restructured and a table added to provide an informative overview;
- e) the marking requirements for built-in LED modules were changed;

- f) the entry for the marking with the working voltage was revised;
- g) the provisions for terminals and heat management were revised;
- h) Annex B was deleted;
- i) information for luminaire design with regard to working voltage and water contact was introduced;
- j) an abnormal temperature test was introduced.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
34A/2052/FDIS	34A/2061/RVD

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

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

NOTE In this standard, the following print types are used:

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