

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Luminaires –
Part 2-2: Particular requirements – Recessed luminaires**

**Luminaires –
Partie 2-2: Règles particulières – Luminaires encastrés**



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IEC Central Office
3, rue de Varembe
CH-1211 Geneva 20
Switzerland
Email: inmail@iec.ch
Web: www.iec.ch

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Tél.: +41 22 919 02 11

Fax: +41 22 919 03 00



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LUMINAIRES –**Part 2-2: Particular requirements –
Recessed luminaires****FOREWORD**

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International Standard IEC 60598-2-2 has been prepared by subcommittee 34D: Luminaires, of IEC technical committee 34: Lamps and related equipment.

This third edition cancels and replaces the second edition published in 1996 and its Amendment 1 (1997), of which it constitutes a technical revision. The changes introduced by this new edition are those required to maintain consistency with later versions of IEC 60598-1 that have been published since the previous edition of this standard.

The text of this standard is based on the following documents:

FDIS	Report on voting
34D/1030/FDIS	34D/1038/RVD

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

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

This publication shall be read in conjunction with IEC 60598-1: *Luminaires – Part 1: General requirements and tests*. It was established on the basis of the seventh edition (2008) of that standard.

A list of all the parts in the IEC 60598 series, published under the general title *Luminaires* can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
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- replaced by a revised edition, or
- amended.

LUMINAIRES –

Part 2-2: Particular requirements – Recessed luminaires

2.1 Scope

This part of IEC 60598 specifies requirements for recessed luminaires incorporating electric light sources for operation from supply voltages up to 1 000 V. This section does not apply to air-handling or liquid-cooled luminaires.

2.2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60227 (all parts), *Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V*

IEC 60245 (all parts), *Rubber insulated cables – Rated voltages up to and including 450/750 V*

IEC 60598-1, *Luminaires – Part 1: General requirements and tests*

2.3 General test requirements

The provisions of section 0 of IEC 60598-1 apply. The tests described in each appropriate section of part 1 shall be carried out in the order listed in this section of part 2.

A procedure measuring ambient temperature in an installation is given in Annex A.

2.4 Definitions

For the purposes of this document, the definitions of Section 1 of IEC 60598-1 apply.

2.5 Classification of luminaires

Luminaires shall be classified in accordance with the provisions of Section 2 of IEC 60598-1.

2.6 Marking

The provisions of Section 3 of IEC 60598-1 apply.

2.7 Construction

The provisions of Section 4 of IEC 60598-1 apply.

2.8 Creepage distances and clearances

The provisions of Section 11 of IEC 60598-1 apply.