

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Luminaire –  
Part 1: General requirements and tests**

**Luminaire –  
Partie 1: Exigences générales et essais**

Withdrawing



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**IEC 60598-1**  
Edition 8.0 2014-05

**LUMINAIRES –**

**Part 1: General requirements and tests**

**INTERPRETATION SHEET 1**

This interpretation sheet has been prepared by subcommittee 34D, Luminaires, of IEC technical committee 34: Lamps and related equipment.

The text of this interpretation sheet is based on the following documents:

ISH	Report on voting
34D/1197/ISH	34D/1207/RVD

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

**INTRODUCTION** (not part of the proposal)

Changes introduced in IEC 60598-1 Ed.8.0 were made urgently to address completely new designs of LED luminaire that are entering the market. Some further alignment with the already existing previous requirements of the standard are still needed and this will be addressed for Amendment 1 to Edition 8 that is now in preparation.

**PROPOSAL**

To publish Interpretation Sheet on Clause 4.31; Clause 10; Clause 11; Annex M and Annex X of IEC 60598-1:2014 (Ed. 8.0), *Luminaires – Part 1: General requirements and tests*, as follows:

## INTERPRETATION SHEET

Clause 4.31; Clause 10; Clause 11; Annex M and Annex X of  
IEC 60598-1:2014 (Ed. 8.0), *Luminaires – Part 1: General requirements and tests*

For insulation requirements between active (current carrying/live) parts and accessible parts, Table X.1 of Annex X is to be taken as the definitive reference of the required insulation that is to be provided. Furthermore, the details prescribed by Table X.1 are to be used as the basis for establishing the 'working voltage' that is to be considered for application of the electric strength tests of Clause 10 and Creepage and Clearance requirements of Clause 11.

Withdrawn

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## LUMINAIRES –

## Part 1: General requirements and tests

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International Standard IEC 60598-1 has been prepared by subcommittee 34D: Luminaires, of IEC technical committee 34: Lamps and related equipment.

This eighth edition cancels and replaces the seventh edition published in 2008. This edition constitutes a technical revision and includes the following significant technical changes with respect to the previous edition:

- a) requirements to support the construction methods for new LED luminaires entering the market;
- b) photobiological requirements extended;
- c) more precise requirements for insulation between different types of electrical circuit;
- d) other general updates and improvements.

The major changes which may affect certification are given in Annex R.

Annex R shows where a new text has been included which contains more serious/critical requirements requiring products to be re-tested.

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

FDIS	Report on voting
34D/1110/FDIS	34D/1121/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.

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

- requirements: in roman type;
- *test specifications: in italic type;*
- notes: in small roman type.

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

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The contents of the corrigenda 1 (October 2015), 2 (December 2015) and 3 (May 2017), and the interpretation sheet 1 (May 2016) have been included in this copy.

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