

# CONSOLIDATED VERSION

# VERSION CONSOLIDÉE



**Devices for the connection of luminaires for household and similar purposes –  
Part 1: General requirements**

**Dispositifs de connexion pour luminaires pour usage domestique et analogue –  
Partie 1: Exigences générales**



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IEC Central Office  
3, rue de Varembe  
CH-1211 Geneva 20  
Switzerland

Tel.: +41 22 919 02 11  
Fax: +41 22 919 03 00  
[info@iec.ch](mailto:info@iec.ch)  
[www.iec.ch](http://www.iec.ch)

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**Devices for the connection of luminaires for household and similar purposes –  
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**DEVICES FOR THE CONNECTION OF LUMINAIRES  
FOR HOUSEHOLD AND SIMILAR PURPOSES –****Part 1: General requirements**

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This Consolidated version of IEC 61995-1 bears the edition number 1.1. It consists of the first edition (2005-03) [documents 23B/776/FDIS and 23B/782/RVD] and its amendment 1 (2016-05) [documents 23B/1208/FDIS and 23B/1212/RVD]. The technical content is identical to the base edition and its amendment.

In this Redline version, a vertical line in the margin shows where the technical content is modified by amendment 1. Additions are in green text, deletions are in strikethrough red text. A separate Final version with all changes accepted is available in this publication.

International Standard IEC 61995-1 has been prepared by subcommittee 23B: Plugs, socket-outlets and switches, of IEC technical committee 23: Electrical accessories.

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

IEC 61995 consists of the following parts, under the general title *Devices for the connection of luminaires for household and similar purposes*:

Part 1: General requirements

Part 2: Standard sheets

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# DEVICES FOR THE CONNECTION OF LUMINAIRES FOR HOUSEHOLD AND SIMILAR PURPOSES –

## Part 1: General requirements

### 1 Scope

This part of IEC 61995-1 applies to devices for the connection of luminaires (DCL) intended for household and similar purposes, for the electrical connection of fixed luminaires of class I or class II to final circuits rated at not more than 16 A without providing a mechanical support for the luminaire. DCLs are intended for use according to their IP rating ~~per~~ as specified in IEC 60529.

Outlets have an earthing contact and a rated current of 6 A. Plugs ~~are~~ have a rated current ~~at~~ of 6 A, ~~unless otherwise specified in the relevant part 2.~~

The rated voltage is 125 V or 250 V at 50/60 Hz.

NOTE 1 This standard does not cover integrated DCL-plugs (under consideration).

This standard can also be applied to types other than those with standardised interface.

NOTE 2 In the following countries only types with a standardised interface according to IEC 61995-2 (under consideration) are allowed: IT.

DCL plugs and DCL outlets complying with this standard are suitable for use under the following conditions:

- an ambient temperature not normally exceeding 25 °C, but occasionally reaching 35 °C;  
NOTE 3 The effect of the heat generated by the luminaire may affect the ambient temperature local to the DCL.
- a temperature not exceeding 70 °C at the terminals of the DCL outlet including the effect of heat generated by the luminaire and the passage of current.  
NOTE 4 The requirements and tests of this standard may also be used as a guide when testing DCL's which have different interface configurations or ratings.

### 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 60068-2-32:1975, *Environmental testing – Part 2: Tests – Test Ed: Free fall*

IEC 60068-2-75:1997, *Environmental testing – Part 2: Tests – Test Eh: Hammer test*

IEC 60112, *Method for the determination of the proof and the comparative tracking indices of solid insulating materials*

IEC 60227-5, *Polyvinyl chloride insulated cables of rated voltages up to and including 450/750V – Part 5: Flexible cables (cords)*