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## Lampanslutningsdon för bostäder och liknande – Del 1: Allmänna fordringar

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

Som svensk standard gäller europastandarden EN 61995-1:2008. Den svenska standarden innehåller den officiella engelska språkversionen av EN 61995-1:2008.

### Nationellt förord

Europastandarden EN 61995-1:2008

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 61995-1, First edition, 2005 - Devices for the connection of luminaires for household and similar purposes - Part 1: General requirements**

utarbetad inom International Electrotechnical Commission, IEC.

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ICS 29.120.20; 29.140.40

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Denna standard är fastställd av SEK Svensk Elstandard, som också kan lämna upplysningar om **sakinnehållet** i standarden.  
Postadress: SEK, Box 1284, 164 29 KISTA  
Telefon: 08 - 444 14 00. Telefax: 08 - 444 14 30  
E-post: sek@elstandard.se. Internet: www.elstandard.se

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Det finns många fördelar med att ha gemensamma tekniska regler för bl a säkerhet, prestanda, dokumentation, utförande och skötsel av elprodukter, elanläggningar och metoder. Genom att utforma sådana standarder blir säkerhetskraven tydliga och utvecklingskostnaderna rimliga samtidigt som marknadens acceptans för produkten eller tjänsten ökar.

Många standarder inom elområdet beskriver tekniska lösningar och metoder som åstadkommer den elsäkerhet som föreskrivs av svenska myndigheter och av EU.

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SEK samordnar svenska intressenters medverkan i SEKs tekniska kommittéer och stödjer svenska experters medverkan i internationella och europeiska projekt.

### *Stora delar av arbetet sker internationellt*

Utformningen av standarder sker i allt väsentligt i internationellt och europeiskt samarbete. SEK är svensk nationalkommitté av International Electrotechnical Commission (IEC) och Comité Européen de Normalisation Electrotechnique (CENELEC).

Standardiseringsarbetet inom SEK är organiserat i referensgrupper bestående av ett antal tekniska kommittéer som speglar hur arbetet inom IEC och CENELEC är organiserat.

Arbetet i de tekniska kommittéerna är öppet för alla svenska organisationer, företag, institutioner, myndigheter och statliga verk. Den årliga avgiften för deltagandet och intäkter från försäljning finansierar SEKs standardiseringsverksamhet och medlemsavgift till IEC och CENELEC.

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Den som deltar i SEKs tekniska kommittéarbete har möjlighet att påverka framtida standarder och får tidig tillgång till information och dokumentation om utvecklingen inom sitt teknikområde. Arbetet och kontakterna med kollegor, kunder och konkurrenter kan gynnsamt påverka enskilda företags affärsutveckling och bidrar till deltagarnas egen kompetensutveckling.

Du som vill dra nytta av dessa möjligheter är välkommen att kontakta SEKs kansli för mer information.

### **SEK Svensk Elstandard**

Box 1284  
164 29 Kista  
Tel 08-444 14 00  
[www.elstandard.se](http://www.elstandard.se)

English version

**Devices for the connection of luminaires  
for household and similar purposes -  
Part 1: General requirements  
(IEC 61995-1:2005, modified)**

Dispositifs de connexion pour luminaires  
pour usage domestique et analogue -  
Partie 1: Exigences générales  
(CEI 61995-1:2005, modifiée)

Betriebsmittel für den Anschluss von  
Leuchten für Haushalt  
und ähnliche Zwecke -  
Teil 1: Allgemeine Anforderungen  
(IEC 61995-1:2005, modifiziert)

This European Standard was approved by CENELEC on 2008-04-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of the International Standard IEC 61995-1:2005, prepared by SC 23B, Plugs, socket-outlets and switches, of IEC TC 23, Electrical accessories, together with common modifications prepared by the Technical Committee CENELEC TC 23BX, D.C. plugs and socket outlets and switches for household and similar fixed electrical installations, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 61995-1 on 2008-04-01.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2009-04-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2013-04-01

Annexes ZA and ZB have been added by CENELEC.

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## Annex ZB (normative)

### Normative references to international publications with their corresponding European publications

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.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-32	1975	Environmental testing - Part 2: Tests - Test Ed: Free fall	EN 60068-2-32 <sup>1)</sup>	1993
IEC 60068-2-75	1997	Environmental testing - Part 2: Tests - Test Eh: Hammer tests	EN 60068-2-75	1997
IEC 60112	- <sup>2)</sup>	Method for the determination of the proof and the comparative tracking indices of solid insulating materials	EN 60112	2003 <sup>3)</sup>
IEC 60227-5	- <sup>2) 4)</sup>	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 5: Flexible cables (cords)	-	-
IEC 60417	Data- base	Graphical symbols for use on equipment	-	-
IEC 60529	- <sup>2)</sup>	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May	1991 <sup>3)</sup> 1993
IEC 60695-2-11	- <sup>2)</sup>	Fire hazard testing - Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products	EN 60695-2-11	2001 <sup>3)</sup>
IEC 61032	1997	Protection of persons and equipment by enclosures - Probes for verification	EN 61032	1998

<sup>1)</sup> EN 60068-2-32 includes A2:1990 to IEC 60068-2-32.

<sup>2)</sup> Undated reference.

<sup>3)</sup> Valid edition at date of issue.

<sup>4)</sup> HD 21.5:1994 + A1:1999 + A2:2001, which is related to, but not directly equivalent with IEC 60227-5, applies instead.



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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 to final circuits rated at not more than 16 A without providing mechanical support for the luminaire. DCLs are intended for use according to their IP rating per IEC 60529.

Outlets have an earthing contact and a rated current of 6 A, plugs are rated at 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*