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Belysningsmateriel – Start- och driftdon för ljuskällor – Säkerhet – Del 1: Allmänna fordringar

*Lamp controlgear –
Part 1: General and safety requirements*

Som svensk standard gäller europastandarden EN 61347-1:2001. Den svenska standarden innehåller den officiella engelska språkversionen av EN 61347-1:2001.

Nationellt förord

Europastandarden EN 61347-1:2001

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 61347-1, First edition, 2000 - Lamp controlgear -
Part 1: General and safety requirements**

utarbetad inom International Electrotechnical Commission, IEC.

Tidigare utgiven svensk standard SS-EN 60920, utgåva 1, 1991, SS-EN 60922, utgåva 3, 1997, SS-EN 60924, utgåva 1, 1991, SS-EN 60926, utgåva 3, 1996, SS-EN 60928, utgåva 2, 1995 och SS-EN 61046, utgåva 2, 1995, gäller ej fr o m 2003-11-01.

EUROPEAN STANDARD

EN 61347-1

NORME EUROPÉENNE

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January 2001

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English version

Lamp controlgear
Part 1: General and safety requirements
(IEC 61347-1:2000)

Appareillages de lampes
Partie 1: Prescriptions générales et
prescriptions de sécurité
(CEI 61347-1:2000)

Geräte für Lampen
Teil 1: Allgemeine und
Sicherheitsanforderungen
(IEC 61347-1:2000)

This European Standard was approved by CENELEC on 2000-11-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and 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 document 34C/508/FDIS, future edition 1 of IEC 61347-1, prepared by SC 34C, Auxiliaries for lamps, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61347-1 on 2000-11-01.

This EN 61347-1, together with the parts 2-1 to 2-9 of EN 61347, supersedes EN 60920, EN 60922, EN 60924, EN 60926, EN 60928 and EN 61046.

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) 2001-08-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2003-11-01

This part 1 of EN 61347 is to be used in conjunction with the appropriate part 2, which contains clauses to supplement or modify the corresponding clauses in part 1 to provide the relevant requirements for each type of product.

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

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

Annexes designated "normative" are part of the body of the standard.
In this standard, annexes A to H and ZA are normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61347-1:2000 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 60065 (mod)	¹⁾	Audio, video and similar electronic apparatus - Safety requirements	EN 60065 + corr. June	1998 ²⁾ 1999
IEC 60081	¹⁾	Double-capped fluorescent lamps - Performance specifications	EN 60081	1998 ²⁾
IEC 60112	¹⁾	Method for determining the comparative and the proof tracking indices of solid insulating materials under moist conditions	HD 214 S2	1980 ²⁾
IEC 60249	Series	Base materials for printed circuits	EN 60249	Series
IEC 60249-1	¹⁾	Base materials for printed circuits Part 1: Test methods	EN 60249-1	1993 ²⁾
IEC 60317-0-1	¹⁾	Specifications for particular types of winding wires Part 0-1: General requirements - Enamelled round copper wire	EN 60317-0-1	1994 ²⁾
IEC 60417	Series	Graphical symbols for use on equipment	EN 60417	Series
IEC 60529	¹⁾	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May	1991 ²⁾ 1993
IEC 60598-1 (mod)	¹⁾	Luminaires Part 1: General requirements and tests	EN 60598-1 + A11	2000 ²⁾ 2000
IEC 60691	¹⁾	Thermal-links - Requirements and application guide	EN 60691	1995 ²⁾
IEC 60695-2-1/0	¹⁾	Fire hazard testing Part 2: Test methods -- Section 1/sheet 0: Glow-wire test methods - General	EN 60695-2-1/0	1996 ²⁾

¹⁾ undated reference.

²⁾ valid edition at date of issue.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60695-2-2	¹⁾	Part 2: Test methods -- Section 2: Needle-flame test	EN 60695-2-2	1994 ²⁾
IEC 60730-2-3 (mod)	¹⁾	Automatic electrical controls for household and similar use Part 2-3: Particular requirements for thermal protectors for ballasts for tubular fluorescent lamps	EN 60730-2-3	1992 ²⁾
IEC 60901	¹⁾	Single-capped fluorescent lamps - Performance specifications	EN 60901	1996 ²⁾
IEC 60921 (mod)	¹⁾	Ballasts for tubular fluorescent lamps - Performance requirements	EN 60921	1991 ²⁾
IEC 60923	¹⁾	Auxiliaries for lamps - Ballasts for discharge lamps (excluding tubular fluorescent lamps) - Performance requirements	EN 60923	1996 ²⁾
IEC 60929	¹⁾	A.C. supplied electronic ballasts for tubular fluorescent lamps - Performance requirements	EN 60929	1992 ²⁾
IEC 60990	¹⁾	Methods of measurement of touch current and protective conductor current	EN 60990	1999 ²⁾
IEC 61347-2-2	¹⁾	Lamp controlgear Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps	EN 61347-2-2	2001 ²⁾
IEC 61347-2-8	¹⁾	Part 2-8: Particular requirements for ballasts for fluorescent lamps	EN 61347-2-8	2001 ²⁾
IEC 61347-2-9	¹⁾	Part 2-9: Particular requirements for ballasts for discharge lamps (excluding fluorescent lamps)	EN 61347-2-9	2001 ²⁾
ISO 4046	¹⁾	Paper, board, pulp and related terms - Vocabulary	-	-

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LAMP CONTROLGEAR –

Part 1: General and safety requirements

1 Scope

This part of IEC 61347 specifies general and safety requirements for lamp controlgear for use on d.c. supplies up to 250 V and/or a.c. supplies up to 1 000 V at 50 Hz or 60 Hz.

This standard also covers lamp controlgear for lamps which are not yet standardized.

Tests dealt with in this standard are type tests. Requirements for testing individual lamp controlgear during production are not included.

Requirements for semi-luminaires are given in IEC 60598.

In addition to the requirements given in this standard, annex B sets out general and safety requirements applicable to thermally protected lamp controlgear.

Annex C sets out additional general and safety requirements as they apply to electronic lamp controlgear with means of protection against overheating.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 61347. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of IEC 61347 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 60065, *Audio, video and similar electronic apparatus – Safety requirements*

IEC 60081, *Double-capped fluorescent lamps – Performance specifications*

IEC 60112, *Method for determining the comparative and the proof tracking indices of solid insulating materials under moist conditions*

IEC 60249 (all parts), *Base materials for printed circuits*

IEC 60249-1, *Base materials for printed circuits – Part 1: Test methods*

IEC 60317-0-1, *Specifications for particular types of winding wires – Part 0: General requirements – Section 1: Enamelled round copper wire*

IEC 60417 (all parts), *Graphical symbols for use on equipment*

IEC 60529, *Degrees of protection provided by enclosures (IP Code)*

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

IEC 60691, *Thermal-links – Requirements and application guide*