

Svenska Elektriska Kommissionen, SEK

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**Belysningsmateriel –
Start- och driftdon för ljuskällor –
Säkerhet –
Del 2-3: Särskilda fordringar på växelströmsmatade elektroniska
förkopplingsdon för lysrör**

*Lamp controlgear –**Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps*

Som svensk standard gäller europastandarden EN 61347-2-3:2001. Den svenska standarden innehåller den officiella engelska språkversionen av EN 61347-2-3:2001.

Nationellt förord

Europastandarden EN 61347-2-3:2001

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 61347-2-3, First edition, 2000 - Lamp controlgear -
Part 2-3: Particular requirements for a.c. supplied electronic
ballasts for fluorescent lamps**

utarbetad inom International Electrotechnical Commission, IEC.

Standarden skall användas tillsammans med SS-EN 61347-1, utgåva 1, 2001.

Tidigare utgiven svensk standard SS-EN 60928, utgåva 2, 1995 och SS-EN 60928/A1, utgåva 1, 1999, gäller ej fr o m 2003-11-01.

English version

Lamp controlgear
Part 2-3: Particular requirements for a.c. supplied electronic ballasts
for fluorescent lamps
(IEC 61347-2-3:2000)

Appareillages de lampes
Partie 2-3: Prescriptions particulières
pour les ballasts électroniques alimentés
en courant alternatif pour lampes
fluorescentes
(CEI 61347-2-3:2000)

Geräte für Lampen
Teil 2-3: Besondere Anforderungen an
wechselstromversorgte elektronische
Vorschaltgeräte für Leuchtstofflampen
(IEC 61347-2-3:2000)

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/500/FDIS, future edition 1 of IEC 61347-2-3, 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 61347-2-3 on 2000-11-01.

This European Standard, together with EN 61347-1, supersedes EN 60928:1995.

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 standard shall be used in conjunction with EN 61347-1:2001.

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 J and ZA are normative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61347-2-3:2000 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 60598-2-22 (mod)	¹⁾	Luminaires Part 2-22: Particular requirements - Luminaires for emergency lighting	EN 60598-2-22 + corr. February	1998 ²⁾ 1999
IEC 61347-1	2000	Lamp controlgear Part 1: General and safety requirements	EN 61347-1	2001
IEC 61347-2-7	¹⁾	Part 2-7: Particular requirements for d.c. supplied electronic ballasts for emergency lighting	EN 61347-2-7	2001 ²⁾

¹⁾ undated reference.

²⁾ valid edition at date of issue.

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LAMP CONTROLGEAR –

Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps

1 Scope

This part of IEC 61347 specifies particular safety requirements for electronic ballasts for use on a.c. supplies up to 1 000 V at 50 Hz or 60 Hz with operating frequencies deviating from the supply frequency, associated with fluorescent lamps as specified in IEC 60081 and IEC 60901, and other fluorescent lamps for high-frequency operation.

Particular requirements for electronic ballasts with means of protection against overheating are given in annex C.

Particular requirements for a.c./d.c. supplied electronic ballasts for maintained emergency lighting are given in annex J.

Performance requirements are the subject of IEC 60929.

2 Normative references

For the purpose of this part of IEC 61347, the normative references given in clause 2 of IEC 61347-1 which are mentioned in this standard apply, together with the following normative references.

IEC 60598-2-22, *Luminaires – Part 2-22: Particular requirements – Luminaires for emergency lighting*

IEC 61347-1, *Lamp controlgear – Part 1: General and safety requirements*

IEC 61347-2-7, *Lamp controlgear – Part 2-7: Particular requirements for d.c. supplied electronic ballasts for emergency lighting¹⁾*

¹⁾ To be published.