



National Standards Authority of Ireland

STANDARD

I.S. EN 61047:2004

ICS 29.140.

National Standards
Authority of Ireland
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**DC OR AC SUPPLIED ELECTRONIC
STEP-DOWN CONVERTORS FOR FILAMENT
LAMPS - PERFORMANCE REQUIREMENTS
(IEC 61047:2004)**

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EUROPEAN STANDARD

EN 61047

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2004

ICS 29.140.20

Supersedes EN 61047:1992 + A1:1996 + A2:2001

English version

**DC or AC supplied electronic step-down convertors for filament lamps -
Performance requirements
(IEC 61047:2004)**

Convertisseurs abaisseurs électroniques
alimentés en courant continu ou alternatif
pour lampes à incandescence –
Exigences de performance
(CEI 61047:2004)

Gleich- oder wechselstromversorgte
elektronische Konverter für Glühlampen -
Anforderungen an die Arbeitsweise
(IEC 61047:2004)

This European Standard was approved by CENELEC on 2004-09-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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/635/FDIS, future edition 2 of IEC 61047, 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 61047 on 2004-09-01.

This European Standard supersedes EN 61047:1992 + A1:1996 + A2:2001.

It constitutes a technical revision. EN 61047:1992 needed to be revised completely after the decision to delete all EMC-related requirements, given that EMC varies from region to region.

This European Standard is to be read in conjunction with EN 61347-1 and EN 61347-2-2.

In this standard, the following print types are used:

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

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) 2005-06-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2011-09-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61047:2004 was approved by CENELEC as a European Standard without any modification.

Annex ZA (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 Where 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 60357 (mod)	- ¹⁾	Tungsten halogen lamps (non-vehicle) - Performance specifications	EN 60357	2003 ²⁾
IEC 61347-1	- ¹⁾	Lamp controlgear Part 1: General and safety requirements	EN 61347-1	2001 ²⁾
IEC 61347-2-2	- ¹⁾	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⁾

1) Undated reference.

2) Valid edition at date of issue.

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