



**I.S./EN 61046:1995**

**IRISH STANDARD**

**D.C. OR A.C. SUPPLIED ELECTRONIC STEP-DOWN  
CONVERTORS FOR FILAMENT LAMPS – GENERAL  
AND SAFETY REQUIREMENTS (IEC 1046:1993)**

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## DECLARATION

OF

SPECIFICATION

ENTITLED

D.C. OR A.C. SUPPLIED ELECTRONIC STEP-DOWN CONVERTORS FOR FILAMENT  
LAMPS – GENERAL AND SAFETY REQUIREMENTS (IEC 1046:1993)

AS

THE IRISH STANDARD SPECIFICATION FOR

D.C. OR A.C. SUPPLIED ELECTRONIC STEP-DOWN CONVERTORS FOR FILAMENT  
LAMPS – GENERAL AND SAFETY REQUIREMENTS (IEC 1046:1993)

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Forfás in exercise of the power conferred by section 20 (5) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Industrial Development Act, 1993 (No. 19 of 1993), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (D.C. or A.C. Supplied Electronic Step-Down Convertors for Filament Lamps – General and Safety Requirements (IEC 1046:1993)) Declaration, 1995.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for D.C. or A.C. Supplied Electronic Step-Down Convertors for Filament Lamps – General and Safety Requirements (IEC 1046:1993). The Schedule comprises the text of EN 61046 : 1994.  
  
(2) The said standard specification may be cited as Irish Standard/EN 61046:1995 or as I.S./EN 61046:1995.
3. (1) The Standard Specification (D.C. or A.C. Supplied Electronic Step-Down Convertors for Filament Lamps. General and Safety Requirements (IEC 1046:1991) Declaration, 1993 is hereby revoked.  
  
(2) Reference in any other standard specification to the Instrument hereby revoked and to Irish Standard/EN 61046:1993 and its Amendment No. 1:1993 thereby prescribed, shall be construed, respectively, as references to this Instrument and to Irish Standard/EN 61046:1995.



EUROPEAN STANDARD

EN 61046

NORME EUROPEENNE

EUROPAISCHE NORM

November 1994

ICS 29.140.30

Supersedes EN 61046:1992 + A1:1992

Descriptors: Electronic equipment, convertors, AC-DC convertors,  
incandescent lamps, tungsten lamps, halogen lamps, marking,  
safety requirements

### ENGLISH VERSION

D.C. or a.c. supplied electronic step-down  
convertors for filament lamps - General and safety  
requirements  
(IEC 1046:1993)

Convertisseurs abaisseurs  
électroniques alimentés en  
courant continu ou alternatif  
pour lampes à incandescence  
Prescriptions générales et de  
sécurité  
(CEI 1046:1993)

Gleich- oder  
wechselstromversorgte  
elektronische Konverter für  
Glühlampen - Allgemeine und  
Sicherheits-Anforderungen  
(IEC 1046:1993)

This European Standard was approved by CENELEC on 1994-09-01.  
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,  
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

At the request of the CENELEC Technical Committee TC 34Z, Luminaires and associated equipment, the International Standard IEC 1046:1993 was submitted to the CENELEC Unique Acceptance Procedure (UAP) in November 1993 for acceptance as a European Standard.

The text of the International Standard was approved by CENELEC as EN 61046 on 1st September 1994.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1995-07-15
- latest date of withdrawal of conflicting national standards (dow) 1995-07-15

For products which have complied with EN 61046:1992 and its amendment A1:1992 before 1995-07-15, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2000-07-15.

Annexes designated "normative" are part of the body of the standard. In this standard, annexes A, B, C and ZA are normative.

### ENDORSEMENT NOTICE

The text of the International Standard IEC 1046:1993 was approved by CENELEC as a European Standard without any modification.

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