



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60491:1996

ICS 37 040

**SAFETY REQUIREMENTS FOR ELECTRONIC
FLASH APPARATUS FOR PHOTOGRAPHIC
PURPOSES (IEC 491:1984)**

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.nsai.ie>

Sales
<http://www.standards.ie>

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland and comes into
effect on
January 31, 1997*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 1996

Price Code Q

Údarás um Chaighdeáin Náisiúnta na hÉireann

DECLARATION

OF

SPECIFICATION

ENTITLED

SAFETY REQUIREMENTS FOR ELECTRONIC FLASH APPARATUS FOR

PHOTOGRAPHIC PURPOSES (IEC 491:1984)

AS

THE IRISH STANDARD SPECIFICATION FOR

SAFETY REQUIREMENTS FOR ELECTRONIC FLASH APPARATUS FOR

PHOTOGRAPHIC PURPOSES (IEC 491:1984)

Forfás in exercise of the power conferred by section 20 (3) 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 (Safety requirements for electronic flash apparatus for photographic purposes (IEC 491:1984)) Declaration, 1996.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Safety requirements for electronic flash apparatus for photographic purposes (IEC 491:1984). The Schedule comprises the text of EN 60491 : 1995.

(2) The said standard specification may be cited as Irish Standard/EN 60491 :1996 or as I.S./EN 60491 :1996.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60491

November 1995

UDC 771.448.6:621.3:614.8
ICS 37.040.10

Supersedes HD 327 S2:1988 and its amendment

Descriptors: Electronic equipment, flash apparatus, photography, safety requirements, test methods, marking

English version

**Safety requirements for electronic flash apparatus
for photographic purposes
(IEC 491:1984, modified)**

Règles de sécurité pour les appareils
électroniques à éclairs pour la
photographie
(CEI 491:1984, modifiée)

Sicherheitsbestimmungen für
elektronische Fotoblitzgeräte
(IEC 491:1984, modifiziert)

This European Standard was approved by CENELEC on 1995-09-20. 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

The text of the International Standard IEC 491:1984, prepared by IEC SC 12B^{*)}, Safety, of IEC TC 12, Radiocommunications, together with common modifications prepared by Reporting Secretariat SR 12B, was approved by CENELEC as HD 327 S2 on 1988-03-01. Some additional common modifications were approved by CENELEC as amendment A1 to HD 327 S2 on 1990-12-10.

This Harmonization Document and its amendment were submitted to the formal vote for conversion into a European Standard and were approved by CENELEC as EN 60491 on 1995-09-20.

The following date was 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) 1996-09-01


Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 491:1984 was approved by CENELEC as a European Standard with agreed common modifications as given below.

COMMON MODIFICATIONS

5.2 Add to the first paragraph:

c) Apparatus of Class II construction shall be marked with the double square symbol  (417-IEC-5172).

Delete the first line of the explanation.

Replace the second line of the explanation by:

The symbol specified under c) shall be so placed that it will be obvious that it is a part of the technical information and is unlikely to be confused with the maker's name or trade mark.

8.3.4 Add after the fourth paragraph:

A capacitor manufactured and approved according to the CECC system complies with the condition for use of a single capacitor.

15.1 Add after the first paragraph:

Mains cords of Class II apparatus shall be of the sheathed type.

^{*)} IEC SC 12B has been replaced by IEC TC 92, Safety of audio, video and similar electronic equipment.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-