



Irish Standard  
I.S. EN 60061-4 :1993

# Lamp caps and holders together with gauges for the control of interchangeability and safety -- Part 4: Guidelines and general information (IEC 60061-4:1990 (MOD))

## I.S. EN 60061-4 :1993

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Irish Standard  
I.S. EN 60061-4:1992+A12:2009

# Lamp caps and holders together with gauges for the control of interchangeability and safety -- Part 4: Guidelines and general information (IEC 60061-4:1990/A12:2009 (EQV))

## I.S. EN 60061-4:1992+A12:2009

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**I.S. EN 60061-4:1993+A12:2009**

**Foreword – EN 60061-4:1992/A12:2009**

The text of document 34B/1444/FDIS, future amendment 12 to IEC 60061-4:1990, prepared by SC 34B, Lamp caps and holders, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A12 to EN 60061-4:1992 on 2009-09-01.

The following dates were fixed:

– latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2010-06-01

– latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2012-09-01

**Endorsement notice**

The text of amendment 12:2009 to the International Standard IEC 60061-4:1990 was approved by CENELEC as an amendment to the European Standard without any modification.

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**Foreword – EN 60061-4:1992/A11:2007**

The text of document 34B/1341/FDIS, future amendment 11 to IEC 60061-4:1990, prepared by SC 34B, Lamp caps and holders, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A11 to EN 60061-4:1992 on 2007-11-01.

The following dates were fixed:

– latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2008-08-01

– latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2010-11-01

**Endorsement notice**

The text of amendment 11:2007 to the International Standard IEC 60061-4:1990 was approved by CENELEC as an amendment to the European Standard without any modification.

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**Foreword – EN 60061-4:1992/A10:2006**

The text of document 34B/1228/FDIS, future amendment 10 to IEC 60061-4:1990, prepared by SC 34B, Lamp caps and holders, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A10 to EN 60061-4:1992 on 2006-09-01.

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– latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2007-06-01

**I.S. EN 60061-4:1993+A12:2009**

– latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2009-09-01

**Endorsement notice**

The text of amendment 10:2006 to the International Standard IEC 60061-4:1990 was approved by CENELEC as an amendment to the European Standard without any modification.

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**Foreword – EN 60061-4:1992/A9:2005**

The text of document 34B/1168/FDIS, future amendment 9 to IEC 60061-4:1990, prepared by SC 34B, Lamp caps and holders, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A9 to EN 60061-4:1992 on 2004-12-01.

The following dates were fixed:

– latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2005-09-01

– latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2007-12-01

**Endorsement notice**

The text of amendment 9:2004 to the International Standard IEC 60061-4:1990 was approved by CENELEC as an amendment to the European Standard without any modification.

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**Foreword – EN 60061-4:1992/A8:2003**

The text of document 34B/1073/FDIS, future amendment 8 to IEC 60061-4:1990, prepared by SC 34B, Lamp caps and holders, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A8 to EN 60061-4:1992 on 2003-06-01.

The following dates were fixed:

– latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2004-03-01

– latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2006-06-01

**Endorsement notice**

The text of amendment 8:2003 to the International Standard IEC 60061-4:1990 was approved by CENELEC as an amendment to the European Standard without any modification.

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**I.S. EN 60061-4:1993+A12:2009**

**Foreword – EN 60061-4:1992/A7:2001**

The text of document 34B/952/FDIS, future amendment 7 to IEC 60061-4:1990, prepared by SC 34B, Lamp caps and holders, of IEC TC 34, Lamps and related equipment, was submitted to the IEC/CENELEC parallel vote and was approved by CENELEC as amendment A7 to EN 60061-4:1992 on 2001-11-01.

The following dates were fixed:

– latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2002-08-01

– latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2004-11-01

**Endorsement notice**

The text of amendment 7:2001 to the International Standard IEC 60061-4:1990 was approved by CENELEC as an amendment to the European Standard without any modification.

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**Foreword – EN 60061-4:1992/A6:2000**

The text of 34B/874/FDIS, future amendment 6 to IEC 60061-4:1990, prepared by SC 34B, Lamp caps and holders, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A6 to EN 60061-4: 1992 on 2000-08-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2001-05-01

- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2007-08-01

**Endorsement notice**

The text of amendment A6:2000 to the International Standard IEC 60061-4:1990 was approved by CENELEC as an amendment to the European Standard without any modification.

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**Foreword – EN 60061-4:1992/A5:1998**

The text of document 348/747/FDIS, future amendment 5 to IEC 60061-4: 1990, prepared by SC 348, Lamp caps and holders, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A5 to EN 60061-4:1992 on 1998-04-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1999-01-01

- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2005-04-01



**I.S. EN 60061-4:1993+A12:2009**

## **Endorsement notice**

The text of amendment 5: 1998 to the International Standard IEC 60061-4: 1990 was approved by CENELEC as an amendment to the European Standard without any modification.

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## **Foreword – EN 60061-4:1992/A3:1995**

The text of document 348/546/01S, future 4th supplement to IEC 61-4: 1990, prepared by SC 348, Lamp caps and holders, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A3 to EN 60061-4:1992 on 1995-11-28.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1996-09-01

- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1996-09-01

For products which have complied with EN 60061-4: 1992 and its amendment A 1: 1995 before 1996-09-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2001-09-01.

## **Endorsement notice**

The text of the 4th supplement (IEC 61-40: 1995) to the International Standard IEC 61-4: 1990 was approved by CENELEC as an amendment to the European Standard without any modification.

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## **Foreword – EN 60061-4:1992/A2:1995**

The text of the 3rd supplement (IEC 61-4C: 1994) to the International Standard IEC 61-4: 1990, prepared by SC 348, Lamp caps and holders, of IEC TC 34, Lamps and related equipment, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A2 to EN 60061-4: 1994 on 1995-11-28 without any modification.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1996-09-01

- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1996-09-01

For products which have complied with EN 60061-4:1992 and its amendment A1:1995 before 1996-09-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2001-09-01.

## **Endorsement notice**

The text of the 3rd supplement (IEC 61-4C: 1994) to the International Standard IEC 61-4: 1990 was approved by CENELEC as an amendment to the European Standard without any modification.

**I.S. EN 60061-4:1993+A12:2009**

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**Foreword - EN 60061-4:1992/A1:1995**

The text of supplements A: 1992 and B:1994 to the International Standard IEC 61-4: 1990, prepared by SC 34B, Lamp caps and holders, of IEC TC 34, Lamps and related equipment, was submitted to the formal vote and was approved by CENELEC as amendment A 1 to EN 60061-4: 1992 on 1995-09-20 without any modification.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1996-09-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1996-09-01

For products which have complied with EN 60061-4: 1992 before 1996-09-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2001-09-01.

**Endorsement notice**

The text of supplements A: 1992 and B:1994 to the International Standard IEC 61-4: 1990 was approved by CENELEC as an amendment to the European Standard without any modification.

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**Foreword – EN 60061-4:1992**

The CENELEC questionnaire procedure, performed for finding out whether or not the International Standard IEC 61-4:1990 could be accepted without textual changes, has shown that a common modification was necessary for the acceptance as European Standard.

The reference document, together with a common modification prepared by the CENELEC Technical Committee TC 34Z, was submitted to the CENELEC members for formal vote.

The text of the draft was approved by CENELEC as EN 60061-4 on 16 June 1992.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1993-06-01
- latest date of withdrawal of conflicting national standards (dow) 1993-06-01

For products which have complied with the relevant national standard before 1993-06-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1998-06-01.

**ENDORSEMENT NOTICE**

The text of the International Standard IEC 64-1:1990 was approved by CENELEC as a European Standard with an agreed common modification as given below.

**COMMON MODIFICATIONS**

**I.S. EN 60061-4:1993+A12:2009**

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# NORME INTERNATIONALE INTERNATIONAL STANDARD

**CEI  
IEC**

**60061-4**

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## **Culots de lampes et douilles ainsi que calibres pour le contrôle de l'interchangeabilité et de la sécurité –**

### **Quatrième partie: Guide et information générale**

## **Lamp caps and holders together with gauges for the control of interchangeability and safety –**

### **Part 4: Guidelines and general information**

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**I.S. EN 60061-4:1993+A12:2009**

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## AVANT-PROPOS

Le présent amendement a été établi par le sous-comité 34B: Culots et douilles, du comité d'études 34 de la CEI: Lampes et équipements associés.

Le texte de cet amendement est issu des documents suivants:

FDIS	Rapport de vote
34B/1444/FDIS	34B/1451/RVD

Le rapport de vote indiqué dans le tableau ci-dessus donne toute information sur le vote ayant abouti à l'approbation de cet amendement.

Le comité a décidé que le contenu de cet amendement et de la publication de base ne sera pas modifié avant la date de maintenance indiquée sur le site web de la CEI sous <http://webstore.iec.ch> dans les données relatives à la publication recherchée. A cette date, la publication sera

- reconduite;
- supprimée;
- remplacée par une édition révisée, ou
- amendée.

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## FOREWORD

This amendment has been prepared by subcommittee 34B: Lamp caps and holders, of IEC technical committee 34: Lamps and related equipment.

The text of this amendment is based on the following documents:

FDIS	Report on voting
34B/1444/FDIS	34B/1451/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site under <http://webstore.iec.ch> in the data related to the specific publication. At this date, the publication will be

- reconfirmed;
  - withdrawn;
  - replaced by a revised edition, or
  - amended.
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**IEC 60061-4-SN**

2009-08

# **INTERNATIONAL STANDARD**

# **DATABASE SNAPSHOT**

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**Lamp caps and holders together with gauges for the control of interchangeability and safety –**

**Part 4: Guidelines and general information**

**Culots de lampes et douilles ainsi que calibres pour le contrôle de l'interchangeabilité et de la sécurité –**

**Partie 4: Guide et information générale**

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ICS 29.140.10

# DESIGNATION INTERNATIONALE DES CULOTS DE LAMPES ET DES DOUILLES

Page 1/10

## 1 Introduction

Il existe actuellement un système de codage pouvant être utilisé pour attribuer une désignation aux culots de lampes et aux douilles. Les lettres, chiffres et autres symboles constituant ces désignations ont un sens précis.

Ce système a été universellement accepté et devrait être autant que possible utilisé.

Il est évident qu'il existe une correspondance entre un certain culot de lampe et la douille avec laquelle il doit être utilisé. Cette correspondance se manifeste dans les désignations respectives, dont une partie est commune aux deux produits.

Ce système permet de comparer les culots et les douilles de divers fabricants et la même désignation peut être attribuée à ces produits lorsqu'ils sont interchangeables. Ce système est également un moyen puissant pour maîtriser la prolifération des types; l'attribution de désignations aux nouveaux types de culots et de douilles est du ressort des experts du Groupe de Travail EPC du Sous-Comité 34B de la CEI.

## 2 Système de désignation

L'un des objectifs de ce système est que chaque désignation soit brève et aussi facile à prononcer que possible, afin de favoriser son utilisation.

Le système est basé sur plusieurs ensembles constitués de lettres, nombres et symboles, chacun ayant ses caractéristiques propres.

A chaque type de culot ou de douille correspond une seule désignation. Le système n'a pas pour but d'identifier le (ou les) matériau(x) utilisé(s). Les diverses parties de la désignation se suivent directement, sans espaces ou autres signes de séparation. Une désignation complète de culot ou de douille a la forme suivante:

pour un culot de lampe: (a)(b)(c)-(d)/(e)x(f)

pour une douille de lampe: (a)(b)(c)-(d)

NOTE - Pour les culots de lampes, il est permis d'utiliser une désignation abrégée, à condition qu'elle ne puisse prêter à confusion.

La partie de la désignation qui précède la barre oblique contient les informations concernant l'interchangeabilité des lampes équipées d'un certain culot, dans la douille correspondante. Cette partie de la désignation est la même pour le culot et pour la douille qui lui est associée. La partie de la désignation qui suit la barre oblique, lorsqu'elle existe, concerne certaines dimensions importantes du culot, qui cependant ne font pas partie des caractéristiques nécessaires pour garantir l'interchangeabilité des lampes dans une douille. Ces dimensions sont toutefois importantes pour l'interchangeabilité des culots de différentes provenances sur un même type de lampe.

### Remarque:

Dans la version anglaise de cette norme - et contrairement à la pratique nord-américaine - , le terme "base" est utilisé uniquement pour indiquer la partie "tout verre" (le socle) d'une lampe destinée à assurer le contact et la fixation.

# INTERNATIONAL DESIGNATION OF LAMP CAPS AND HOLDERS

Page 2/10

## 1 Introduction

A coding system is in existence that can be used to assign designations to lamp caps and lampholders. Meaningful assignment can be made to the letters, numbers and symbols that make up this designation. The system has gained international acceptance and should be used as much as possible.

It is self-evident that there is a relationship between a certain lamp cap and the lampholder to be used with it. This relation is reflected in the relevant designation, part of which is used in common for the two products.

As a consequence of this system it is possible to compare caps and holders from various manufacturers and, where they are interchangeable, the same designation can be assigned to them. This system is also a powerful instrument for controlling proliferation of designs. Assignment of designations to new types of cap and holder is the prerogative of the experts group EPC of IEC Sub-Committee 34B.

## 2 Designation system

It is an objective of this system that each assigned designation should be short and as easily pronounceable as possible to stimulate its use in practice.

This system is based on several sub-parts made up of letters, numbers and symbols, each part having its own characteristics. Only one designation shall be assigned to a particular cap and holder. This system does not attempt to identify materials. Parts of a designation are joined directly together with no spaces or other separator marks.

A completed designation of caps and holders takes the form as follows:

designation of lamp cap: (a)(b)(c)-(d)/(e)x(f)

designation of lampholder: (a)(b)(c)-(d)

NOTE - The use of an abbreviated lamp cap designation is permitted unless this might cause misunderstanding.

The section of the designation preceding the oblique stroke refers to information which is important with regard to interchangeability of lamps fitted with a certain cap in the corresponding lampholder. That particular section of the designation will be the same for both the cap and its

associated holder. The part of the lamp cap designation following the oblique stroke, if present, refers to certain important dimensions of the cap which are not a necessary part of the interchangeability requirements of the lamp in the lampholder. Such dimensions are, however, important for the mutual interchangeability of lamp caps of different origin on one type of lamp.

**Remark:**

Contrary to North American terminology, the IEC designates as "base" only the contact-making and fixing part of a capless lamp.

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