

Self-ballasted lamps for general lighting services — Safety requirements

The European Standard EN 60968:1990, with the incorporation of amendments A1:1993 and A2:1999 has the status of a British Standard

ICS 29.140.30

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Electrical Illumination Standards Policy Committee (LGL/-) to Technical Committee LGL/6, upon which the following bodies were represented:

- Association of Manufacturers Allied to the Electrical and Electronic Industry (BEAMA Ltd.)
- British Lighting Association for the Preparation of Standards (Britlaps)
- Bus and Coach Council
- Chartered Institution of Building Services Engineers
- Consumer Policy Committee of BSI
- Electricity Supply Industry in England and Wales
- Engineering Equipment and Materials Users' Association
- Institution of Lighting Engineers
- Lighting Industry Federation Ltd.
- London Regional Transport
- Ministry of Defence
- Society of Glass Technology
- Society of Motor Manufacturers and Traders Ltd.

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- British Sign Association
- Department of Trade and Industry (National Physical Laboratory)
- Department of Transport (Highways)

This British Standard, having been prepared under the direction of the Electrical Illuminations Standards Policy Committee, was published under the authority of the Board of BSI and comes into effect on 31 August 1989

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Amendments issued since publication

The following BSI references relate to the work on this standard:

Committee reference LGL/6

Draft for comment 85/26674 DC

Amd. No.	Date of issue	Comments
6707	September 1991	Implementation of EN 60968:1990
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National foreword

This British Standard has been prepared under the direction of the Electrical Illumination Standards Policy Committee and is the English language version of EN 60968:1990, including amendments A1:1993 and A2:1999 published by the European Committee for Electrotechnical Standardization (CENELEC). It was derived by CENELEC from IEC 60968:1988 including amendments A1:1991 and A2:1999 published by the International Electrotechnical Commission (IEC).

The CENELEC common modifications have been implemented at the appropriate places in the text. The start and finish of each common modification is indicated in the text by tags **[C]** **[C]**.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **[A1]** **[A1]**. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment 1 is indicated by **[A1]** **[A1]**.

From 1 January 1997, all IEC publications have the number 60000 added to the old number. For instance, IEC 27-1 has been renumbered as IEC 60027-1. For a period of time during the change over from one numbering system to the other, publications may contain identifiers from both systems.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index” or by using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 15 and a back cover.

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Descriptors: Lighting equipment, discharge lamp, safety requirement, interchangeability, test conditions, marking

English version

Self-ballasted lamps for general lighting services Safety requirements

(includes amendments A1:1993 and A2:1999)
(IEC 60968:1988 modified + A1:1991 + A2:1999)

Lampes à ballast intégré pour l'éclairage
général
Prescriptions de sécurité
(inclut les amendements A1:1993 et A2:1999)
(CEI 60968:1988 modifiée + A1:1991 + A2:1999)

Lampen mit eingebautem Vorschaltgerät für
Allgemeinbeleuchtung Sicherheitsanforderungen
(enthält Änderungen A1:1993 und A2:1999)
(IEC 60968:1988 modifiziert + A1:1991
+ A2:1999)

This European Standard was approved by CENELEC on 11 June 1990. 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 proposal to endorse IEC 968:1988 was circulated under the CENELEC Questionnaire Procedure. The reference document was submitted to the CENELEC members for formal vote.

At the time of ratification, it became evident that a common modification was required, deleting all references to E26 caps, to be consistent with other previously approved European Standards.

The text of the draft was approved by CENELEC as EN 60968:1989 on 11 June 1990.

The following dates were fixed:

- latest date of announcement of the EN at national level (doa) 1990-12-15
- latest date of publication of an identical national standard (dop) 1991-06-15
- latest date of withdrawal of conflicting national standards (dow) 1991-06-15

Annexes designated “normative” are part of the body of the standard. In this standard, Annex ZA is normative.

For products which have complied with the relevant national standard before 1991-06-15, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1996-06-15.

Endorsement notice

The text of the International standard IEC 968:1988 was approved by CENELEC as a European Standard with agreed common modifications.

Foreword of amendment A1

The CENELEC questionnaire procedure, performed for finding out whether or not amendment 1:1991 to the International Standard IEC 968:1988 could be accepted without textual changes, has shown that no common modifications were necessary for the acceptance as amendment to the European Standard.

The reference document was submitted to the CENELEC members for formal vote and was approved by CENELEC as amendment A1 to EN 60968 on 9 December 1992.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1993-12-01
- latest date of withdrawal of conflicting national standards (dow) 1993-12-01

For products which have complied with EN 60968:1990 before 1993-12-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1998-12-01.

Endorsement notice

The text of amendment 1:1991 to the International Standard IEC 968:1988 was approved by CENELEC as an amendment to the European Standard without any modification.

Foreword to amendment A2

The text of document 34A/874/FDIS, future amendment 2 to IEC 60968, prepared by SC 34A, Lamps, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60968:1990 on 1999-10-01.

The common modification agreed to European Standard EN 60968:1990 that deletes all references to E26 lamp caps remains applicable to this amendment.

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) 2000-07-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2002-10-01

Endorsement notice

The text of amendment 2:1999 to the International standard IEC 60968:1988 was approved by CENELEC as an amendment to the European Standard without any modification.