

Auxiliaries for lamps — Ballasts for discharge lamps (excluding tubular fluorescent lamps) — Performance requirements

The European Standard EN 60923:1996, with the incorporation of amendment A1:2001, has the status of a British Standard

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by Technical Committee CPL/34, Lamps and related equipment, to Subcommittee CPL/34/3, Auxiliaries for lamps, upon which the following bodies were represented:

- BEAMA Capacitor Manufacturers' Association
- British Lighting Association for the Preparation of Standards (BRITLAPS)
- British Sign Association
- Department of Trade and Industry (Consumer Safety Unit, CA Division)
- Institution of Lighting Engineers
- Lighting Industry Federation Ltd.
- London Regional Transport

This British Standard, having been prepared under the direction of the Consumer Products and Services Sector Board, was published under the authority of the Standards Board and comes into effect on 15 September 1996

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National foreword

This British Standard has been prepared by subcommittee CPL/34/3 and is the English language version of EN 60923:1996 *Auxiliaries for lamps. Ballasts for discharge lamps (excluding tubular fluorescent lamps). Performance requirements*, including amendment A1:2001, published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 60923:1995, including amendment 1:2001 published by the International Electrotechnical Commission (IEC).

This British Standard supersedes BS EN 60923:1991 which will be withdrawn on 1 July 1996. The foreword of the EN makes reference to the “date of withdrawal”, now, of the relevant national standard. In this case the relevant standard is BS EN 60923 which will be withdrawn on 1996-07-01.

The following print types are used in this standard:

requirement proper	in roman type
<i>test specifications</i>	<i>in italic type</i>
explanatory matter	in smaller roman type

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 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

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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 21 and a back cover.

The BSI copyright date displayed in this document indicated when the document was last issued.

Descriptors: Lighting equipment, discharge lamp, mercury vapour lamp, sodium vapour lamp, reference ballast, electrical characteristic, performance characteristic, marking

English version

Auxiliaries for lamps — Ballasts for discharge lamps (excluding tubular fluorescent lamps) — Performance requirements (includes amendment A1:2001)

(IEC 60923:1995 + A1:2001)

Appareils auxiliaires pour lampes Ballasts pour
lampes à décharge (à l'exclusion des lampes
tubulaires à fluorescence) — Prescriptions de
performance
(inclut l'amendement A1:2001)
(CEI 60923:1995 + A1:2001)

Geräte für Lampen — Vorschaltgeräte für
Entladungslampen (ausgenommen
röhrenförmige Leuchtstofflampen)
Anforderungen an die Arbeitsweise
(enthält Änderung A1:2001)
(IEC 60923:1995 + A1:2001)

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 document 34C/312 + 312A/FDIS, future amendment to IEC 923:1988, prepared by SC 34 C, Auxiliaries for discharge lamps, 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 60923:1991 on 1995-09-20.

The text of this document, together with that of IEC 923:1988 and its amendments 1:1990 and 2:1994, was published by IEC as the second edition of IEC 923 in October 1995. According to a decision of principle taken by the Technical Board of CENELEC, the approval of EN 60923:1991/A3 has been converted into the approval of a new EN 60923.

The following dates were fixed:

- latest date by which the (dop) 1996-07-01
EN has to be implemented
at national level by
publication of an identical
national standard or by
endorsement
- latest date by which the (dow) 1996-07-01
national standards
conflicting with the EN
have to be withdrawn

Annexes designated “normative” are part of the body of the standard. In this standard, Annex A , Annex B , Annex C , Annex D and Annex ZA are normative. Annex ZA has been added by CENELEC.

NOTE The following editorial changes have been applied to the text of IEC 923:1995:

Subclause 4.2 and Table 1 have been deleted.

Foreword to amendment A1

The text of document 34C/533/FDIS, future amendment 1 to IEC 60923:1995, prepared by SC 34 C, 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 amendment A1 to EN 60923:1996 on 2001-10-01.

The following dates were fixed:

- latest date by which the (dop) 2002-07-01
amendment has to be
implemented at national
level by publication of an
identical national standard
or by endorsement
- latest date by which the (dow) 2008-10-01
national standards
conflicting with the
amendment have to be
withdrawn

Annexes designated “normative” are part of the body of the standard. Annexes designated “informative” are given for information only. In this standard, Annex ZA is normative and Annex E is informative. Annex ZA has been added by CENELEC.

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