

Equipment for general lighting purposes — EMC immunity requirements

The European Standard EN 61547:1995 with the incorporation of amendment A1:2000 has the status of a British Standard

ICS 29.020; 29.140.00

Committees responsible for this British Standard

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

- British Sign Association
- BSI Testing Product Certification
- Consumer Policy Committee of BSI
- Department of Trade and Industry (Consumer Safety Unit, CA Division)
- Electrical Installation Equipment Manufacturers' Association (BEAMA Ltd.)
- Electricity Association
- Institution of Civil Engineers
- Institution of Lighting Engineers
- Lighting Association
- Lighting Industry Federation
- Trinity House Lighthouse Service
- Coopted members

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

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

This British Standard has been prepared by Technical Committee CPL/34 and is the English language version of EN 61547:1995, *Equipment for general purposes EMC immunity requirements*, including amendment A1:2000, published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 61547, including amendment 1:2000, published by the International Electrotechnical Commission (IEC) which has the same title.

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 amendment 1 is indicated by.

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. **[A1]** **<A1]**

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.

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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 12, an inside back cover and a back cover.

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Descriptors: Lighting equipment, luminaire, lamp, connection, electric supply, low voltage, electromagnetic immunity, test, performance, electrostatic discharge test, conformity assessment, test conditions

English version

Equipment for general lighting purposes EMC immunity requirements

(includes amendment A1:2000)
(IEC 61547:1995 + A1:2000)

Equipements pour l'éclairage à usage général
Prescriptions concernant l'immunité CEM
(inclut l'amendement A1:2000)
(CEI 61547:1995 + A1:2000)

Einrichtung für allgemeine
Beleuchtungszwecke
EMV-Störfestigkeitsanforderungen
(enthält Änderungen A1:2000)
(IEC 61547:1995 + A1:2000)

This European Standard was approved by CENELEC on 1995-09-20. Amendment A1 was approved by CENELEC on 2000-11-01. 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.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 34/39/DIS, future edition 1 of IEC 1547, prepared by IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61547 on 1995-09-20.

The following dates were 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) 1996-07-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 1996-07-01

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.

Foreword to amendment A1

The text of document 34/66/FDIS, future amendment 1 to IEC 61547:1995, prepared by 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 61547:1995 on 2000-11-01.

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