



SLOVENSKI STANDARD

SIST EN 61547:1996

01-junij-1996

Equipment for general lighting purposes - EMC immunity requirements (IEC 1547:1995)

Equipment for general lighting purposes - EMC immunity requirements

Einrichtung für allgemeine Beleuchtungszwecke - EMV-Störfestigkeitsanforderungen

Equipements pour l'éclairage à usage général - Prescriptions concernant l'immunité CEM

STANDARD PREVIEW
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Ta slovenski standard je istoveten z: **EN 61547:1995**

SIST EN 61547:1996
<https://standards.iteh.ai/catalog/standards/sist/16c0a589-85e7-426e-a675-e672aff8c8/sist-en-61547-1996>

ICS:

29.140.01	Žarnice na splošno	Lamps in general
33.100.20	Imunost	Immunity

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en

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EUROPEAN STANDARD

EN 61547

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 1995

ICS 29.020; 29.140.00

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
(IEC 1547:1995)**

Equipements pour l'éclairage à usage
général
Prescriptions concernant l'immunité
CEM
(CEI 1547:1995)

Einrichtung für allgemeine
Beleuchtungszwecke
EMV-Störfestigkeitsanforderungen
(IEC 1547:1995)

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.

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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 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.

Endorsement notice

The text of the International Standard IEC 1547:1995 was approved by CENELEC as a European Standard without any modification.

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Annex ZA (normative)**Normative references to international publications
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 50(161)	1990	International electrotechnical vocabulary (IEV) Chapter 161: Electromagnetic compatibility	-	-
IEC 50(845)	1987	Chapter 845: Lighting	-	-
IEC 598-1 (mod)	1992	Luminaires Part 1: General requirements and tests	EN 60598-1	1993
IEC 598-2-22 (mod)	1990	Part 2: Particular requirements Section 22: Luminaires for emergency lighting	EN 60598-2-22	1990
IEC 1000-4-2	1995	Electromagnetic compatibility (EMC) Part 4: Testing and measurement techniques - Section 2: Electrostatic discharge immunity test	EN 61000-4-2	1995
IEC 1000-4-3	1995	Section 3: Radiated, radio-frequency, electromagnetic field immunity test	-	-
IEC 1000-4-4	1995	Section 4: Electrical fast transient/burst immunity test	EN 61000-4-4	1995
IEC 1000-4-5	1995	Section 5: Surge immunity test	EN 61000-4-5	1995
IEC/DIS 1000-4-6	-	Section 6: Immunity to conducted disturbances, induced by radio-frequency fields	-	-
IEC 1000-4-8	1993	Section 8: Power frequency magnetic field immunity test	EN 61000-4-8	1993
IEC 1000-4-11	1994	Section 11: Voltage dips, short interruptions and voltage variations immunity tests	EN 61000-4-11	1994

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

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For price, see current catalogue

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**EQUIPMENT FOR GENERAL LIGHTING PURPOSES –
EMC IMMUNITY REQUIREMENTS**

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

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International Standard IEC 1547 has been prepared by IEC technical committee 34: Lamps and related equipment. <https://standards.iteh.ai/catalog/standards/sist/f6cba589-85e7-426e-a675-e672affe8c8/sist-en-61547-1996>

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

DIS	Report on voting
34/39/DIS	34/40/RVD

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