



**SLOVENSKI STANDARD**  
**SIST EN 61547:1996/A1:2002**  
**01-december-2002**

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**Equipment for general lighting purposes – EMC immunity requirements -  
Amendment A1 (IEC 61547:1995/A1:2000)**

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**  
**(standards.iteh.ai)**

Ta slovenski standard je istoveten z: **EN 61547:1995/A1:2000**  
<https://standards.iteh.ai/catalog/standards/sist/11636ccb-6362-4574-8838-5d7c64a1ae0b/sist-en-61547-1996-a1-2002>

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**ICS:**

29.140.01	Žarnice na splošno	Lamps in general
33.100.20	Imunost	Immunity

**SIST EN 61547:1996/A1:2002**                      **en**

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[SIST EN 61547:1996/A1:2002](#)

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EUROPEAN STANDARD

**EN 61547/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2000

ICS 29.020;29.140

English version

**Equipment for general lighting purposes -  
EMC immunity requirements  
(IEC 61547:1995/A1:2000)**

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

Einrichtung für allgemeine  
Beleuchtungszwecke -  
EMV-Störfestigkeitsanforderungen  
(IEC 61547:1995/A1:2000)

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This amendment A1 modifies the European Standard EN 61547:1995; it 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 amendment 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 amendment 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, Czech Republic, 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 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.

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) 2001-08-01
- latest date by which the national standards conflicting  
with the amendment have to be withdrawn (dow) 2003-11-01

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## Endorsement notice

The text of amendment 1:2000 to the International Standard IEC 61547:1995 was approved by CENELEC as an amendment to the European Standard without any modification.

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[SIST EN 61547:1996/A1:2002](https://standards.iteh.ai/catalog/standards/sist/fl636ccb-63b2-4574-8838-5d7c64a1ae0b/sist-en-61547-1996-a1-2002)  
<https://standards.iteh.ai/catalog/standards/sist/fl636ccb-63b2-4574-8838-5d7c64a1ae0b/sist-en-61547-1996-a1-2002>

NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC  
61547

1995

AMENDEMENT 1  
AMENDMENT 1  
2000-08

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Amendement 1

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

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Amendment 1

[SIST EN 61547:1996/A1:2002](https://standards.iteh.ai/catalog/standards/sist/en-61547-1996-a1-2002)

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**Equipment for general lighting purposes –  
EMC immunity requirements**

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

CODE PRIX  
PRICE CODE

**B**

*For price, voir catalogue en vigueur  
For price, see current catalogue*

## FOREWORD

This amendment has been prepared by IEC technical committee 34: Lamps.

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

FDIS	Report on voting
34/66/FDIS	34/70/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 the base publication and its amendments will remain unchanged until 2003-04. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

## iTeh STANDARD PREVIEW (standards.iteh.ai)

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### 5.7 Surges

[SIST EN 61547:1996/A1:2002](https://standards.iteh.ai/catalog/standards/sist/fl636ccb-63b2-4574-8838-3d7c0441e200/sist-en-61547-1996-a1-2002)

Replace this subclause by the following subclause:

### 5.7 Surges

These tests are carried out according to IEC 61000-4-5, with test levels as given in table 10 of this standard. Five positive and five negative pulses shall be applied at the peak value and zero crossing points of the a.c. voltage wave. Two test levels are given for different types of lighting equipment.

**Table 10 – Surges – Test levels at input a.c. power ports**

Characteristics	Test levels			
	Device			
	Self-ballasted lamps and semi-luminaires	Luminaires and independent auxiliaries		
		Input power		
		≤25 W	>25 W	
Wave-shape data	1,2/50 μs	1,2/50 μs	1,2/50 μs	
Test levels	line to line	0,5 kV	0,5 kV	1,0 kV
	line to ground	1,0 kV	1,0 kV	2,0 kV