

SLOVENSKI STANDARD
SIST EN 60432-1:2000/A1:2006**01-januar-2006**

Sijalke - Varnostne specifikacije - 1. del: Sijalke za uporabo v stanovanjih in podobnih primerih splošne razsvetljave - Dopolnilo A1 (IEC 60432- 1:1999/A1:2005)

Incandescent lamps - Safety specifications -- Part 1: Tungsten filament lamps for domestic and similar general lighting purposes (IEC 60432- 1:1999/A1:2005)

Glühlampen - Sicherheitsanforderungen -- Teil 1: Glühlampen für den Hausgebrauch und ähnliche allgemeine Beleuchtungszwecke (IEC 60432- 1:1999/A1:2005)

Lampes à incandescence - Prescriptions de sécurité -- Partie 1: Lampes à filament de tungstène pour usage domestique et éclairage général similaire (CEI 60432- 1:1999/A1:2005)

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Ta slovenski standard je istoveten z: EN 60432-1:2000/A1:2005

ICS:

29.140.20 Žarnice z žarilno nitko Incandescent lamps

SIST EN 60432-1:2000/A1:2006 en

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EUROPEAN STANDARD

EN 60432-1/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2005

ICS 29.140.20

English version

**Incandescent lamps –
Safety specifications
Part 1: Tungsten filament lamps for domestic
and similar general lighting purposes
(IEC 60432-1:1999/A1:2005)**

Lampes à incandescence –
Prescriptions de sécurité
Partie 1: Lampes à filament de tungstène
pour usage domestique et éclairage
général similaire
(CEI 60432-1:1999/A1:2005)

Glühlampen –
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Beleuchtungszwecke
(IEC 60432-1:1999/A1:2005)

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SIST EN 60432-1:2000/A1:2006
https://standards.iteh.ai/catalog/standards/sist/91211018-4014-4014/iec-60432-1-2000-a1-2005
This amendment A1 modifies the European Standard EN 60432-1:2000; it was approved by CENELEC on 2005-04-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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 34A/1118/FDIS, future amendment 1 to IEC 60432-1:1999, 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 A1 to EN 60432-1:2000 on 2005-04-01.

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) 2006-01-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2008-04-01

Endorsement notice

The text of amendment 1:2005 to the International Standard IEC 60432-1:1999 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

60432-1

1999

AMENDEMENT 1
AMENDMENT 1
2005-03

Amendement 1

**Lampes à incandescence –
Prescriptions de sécurité –**

**Partie 1:
Lampes à filament de tungstène pour usage
domestique et éclairage général similaire**

[SIST EN 60432-1:2000/A1:2006](https://standards.iteh.ai/catalog/standards/sist/91521f6f-f00b-447a-9ca0-3078b6610e71/sist-en-60432-1-2000-a1-2006)

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Amendment 1

**Incandescent lamps –
Safety specifications –**

**Part 1:
Tungsten filament lamps for domestic and
similar general lighting purposes**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

E

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

FOREWORD

This amendment has been prepared by subcommittee 34A: Lamps, of IEC technical committee 34: Lamps and related equipment.

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

FDIS	Report on voting
34A/1118/FDIS	34A/1127/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 this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

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

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Table 2 – Maximum allowable cap temperature rise (Δt_c) for various lamp wattages and classes over a 12 month period average

Replace the existing text of Table 2 with the following new text :

Group number	Wattage ¹ W	Bulb shape	Δt_s max. K							
			B15d	B22d	E12	E14	E17	E26/24	E26/25	E27
1	25 & 30	A, PS, M and other shapes intended for use in the same luminaire	-	-	-	-	-	95	65	-
	40		-	-	-	-	-	95	85	-
	60		-	125	-	-	-	120	95	120
	100		-	135	-	-	-	120	110	130
	150 & 200		-	135	-	-	-	120	100	130
2	40	B, G (diameter \leq 45 mm), P and other shapes intended for use in the same luminaire	135	140	140 ^{4,6}	130	-	140 ^{4,6}	-	140
	60		145	125 ²	165 ^{4,6}	140	-	165 ^{4,6}	-	120 ²
3	15	C, F and other shapes intended for use in the same luminaire	-	-	-	-	90 ⁹	-	90	-
	25		-	-	120	-	110 ⁹	120	110	-
	40		-	-	140 ^{4,6}	-	130 ⁹	140 ^{4,6}	130	-
	60		-	-	165 ^{4,6}	-	130 ⁹	165 ^{4,6}	130	-
4	25 & 40	G (diameter $>$ 45 mm)	-	-	-	-	110	-	110	-
	60 & 100		-	-	-	-	-	-	110	-
5	25	P & G (diameter \leq 45 mm) with bowl mirror	-	-	-	-	110	-	110	-
	40		135	135	-	135	-	-	110	135
	60		135	135	-	135	-	-	110	-
6	60	A & PS with bowl mirror	130	130	-	-	-	-	110	130
	100		135	135	-	-	-	-	110	135
	150 & 200		-	135	-	-	-	-	-	135
7	25	R and other shapes intended for use in the same luminaire	-	-	-	-	85	-	-	-
	40		120	120	-	120	95	145 ⁶	95	120
	60		-	130	-	-	105	145 ⁶	105	130
	100, 150 & 200		-	135	-	-	-	145 ^{6,7,8}	110	135
8	75	PAR shapes ³	-	-	-	-	-	145 ^{6,8}	85	150
	100		-	-	-	-	-	145 ^{6,8}	100	150
	150		-	-	-	-	-	145 ^{6,8}	125	150
9	150	PAR shapes with dichroic reflector ³	-	-	-	-	-	175	150	175

1 For lamps with intermediate wattage values, the requirement of the next higher value shown applies.

2 This may require a limitation on operating position.

3 Lamps with skirted caps: E26/50x39, E27/51x39, etc..

4 Some lamp classes may be limited to operation in the cap-down or cap-down-through-horizontal positions by the manufacturer.

5 Some lamp classes may be limited to operation in the cap-down position by the manufacturer.

6 Some lamp classes may be limited by the manufacturer to applications in high-temperature lampholders, because low-temperature lampholders could deteriorate.

7 Some lamp classes may be limited by the manufacturer to applications at 260 °C maximum cap temperature in high-temperature lampholders.

8 Some lamps in this category may no longer be sold in the United States and Canada due to updated energy regulations. Consult local regulations.

9 Under consideration.

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2.8 Creepage distances for B15d and B22d capped lamps

Replace the existing text with the following:

The minimum creepage distance between the metal shell of the cap and the contacts shall be in accordance with the distance given in IEC 60061-4, sheet 7007-6.

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Table 5 – Interchangeability gauges and lamp cap dimensions

Replace the existing text of Table 5 by the following new text:

Lamp cap	Cap dimensions to be checked by the gauge	Gauge sheet
B15d, B22d	Amin. Amax., D1max., Nmin. Insertion of the cap in the lampholder Retention of the cap in the lampholder	7006-10 7006-11 7006-4A 7006-4B
E12	Maximum dimensions of screw thread Additional "Go" gauge for screw thread Minimum major diameter of screw thread	7006-27H 7006-27J 7006-28C
E14	Maximum dimensions of screw thread Minimum major diameter of screw thread Dimension S1	7006-27F 7006-28B 7006-27G
E17	Maximum dimensions of screw thread Minimum major diameter of screw thread	7006-27K 7006-28F
E26, E26d, E26/50x39	Maximum dimensions of screw thread Minimum major diameter of screw thread	7006-27D 7006-29L
E27, E27/51x39	Maximum dimensions of screw thread Minimum major diameter of screw thread Dimension S1	7006-27B 7006-28A 7006-27C

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3.4.2

Replace, in the last sentence, the reference to 2.4.2 by 2.4.3

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Annex E – Operation-to-failure test

Clause E.3

This modification applies to the French text only.