



**SLOVENSKI STANDARD**  
**SIST EN 60238:1998/A1:1998**  
**01-april-1998**

---

**Edison screw lampholders - Amendment A1 (IEC 60238:1996/A1:1997)**

Edison screw lampholders

Lampenfassungen mit Edisongewinde

Douilles à vis Edison pour lampes

**Ta slovenski standard je istoveten z: EN 60238:1996/A1:1997**

[SIST EN 60238:1998/A1:1998](https://standards.iteh.ai/catalog/standards/sist/5a3c7d62-232a-4b4f-9d32-b608c41dcf96/sist-en-60238-1998-a1-1998)

<https://standards.iteh.ai/catalog/standards/sist/5a3c7d62-232a-4b4f-9d32-b608c41dcf96/sist-en-60238-1998-a1-1998>

**ICS:**

29.140.10      Grla in držala žarnic      Lamp caps and holders

**SIST EN 60238:1998/A1:1998**      **en**

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

[SIST EN 60238:1998/A1:1998](https://standards.iteh.ai/catalog/standards/sist/5a3c7d62-232a-4b4f-9d32-b608c41dcf96/sist-en-60238-1998-a1-1998)

<https://standards.iteh.ai/catalog/standards/sist/5a3c7d62-232a-4b4f-9d32-b608c41dcf96/sist-en-60238-1998-a1-1998>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60238/A1**

May 1997

ICS 29.140.10

Descriptors: Edison screw holders, dimensions, requirements, testing, definitions, switches

English version

**Edison screw lampholders**  
(IEC 60238:1996/A1:1997)

Douilles à vis Edison pour lampes  
(CEI 60238:1996/A1:1997)

Lampenfassungen mit Edisongewinde  
(IEC 60238:1996/A1:1997)



REPUBLIKA SLOVENIJA  
MINISTRSTVO ZA ZNANOST IN TEHNOLOGIJO  
Urad RS za standardizacijo in meroslovje  
(standards.iteh.ai)

SIST.....EN 60238/A1.....

PREVZET PO METODI RAZGLASITVE :1998

<https://standards.iteh.ai/catalog/standards/sist/5a3c7c04-232a-4b4f-9d32-b608c41dcf96/sist-en-60238-1998-a1-1998>

This amendment A1 modifies the European Standard EN 60238:1996; it was approved by CENELEC on 1997-03-11. 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, 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 34B/655/FDIS, future amendment 1 to IEC 60238:1996, prepared by SC 34B, Lamp caps and holders, 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 60238:1996 on 1997-03-11.

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) 1998-01-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1998-01-01

For products which have complied with EN 60238:1996 and its corrigendum July 1996 before 1998-01-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2003-01-01.

Annexes designated "normative" are part of the body of the standard. In this standard, annexes A and ZA are normative. Annex ZA has been added by CENELEC.

**iTeh STANDARD PREVIEW**  
(standards.iteh.ai)  
Endorsement notice

The text of amendment 1:1997 to the International Standard IEC 60238:1996 was approved by CENELEC as an amendment to the European Standard without any modification.

<https://standards.iteh.ai/catalog/standards/sist/b608c41dcf96/sist-en-60238-1998-a1-1998>



## Annex ZA (normative)

Normative references to international publications  
with their corresponding European publications

Delete the reference to "ASTM specification D 785-65:1981".

Add:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-32	1975	Basic environmental testing procedures Part 2: Tests - Test Ed: Free fall	EN 60068-2-32 <sup>1)</sup>	1993
IEC 60068-2-62	1991	Environmental testing Part 2: Test methods - Test Ef: Impact, pendulum hammer	EN 60068-2-62 <sup>2)</sup>	1995
IEC 60068-2-63	1991	Test Eg: Impact, spring hammer	EN 60068-2-63	1994

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

[SIST EN 60238:1998/A1:1998](https://standards.iteh.ai/catalog/standards/sist/5a3c7d62-232a-4b4f-9d32-b608c41dcf96/sist-en-60238-1998-a1-1998)

<https://standards.iteh.ai/catalog/standards/sist/5a3c7d62-232a-4b4f-9d32-b608c41dcf96/sist-en-60238-1998-a1-1998>

---

1) EN 60068-2-32 includes A2:1990 to IEC 60068-2-32.

2) EN 60068-2-62 includes A1:1993 to IEC 60068-2-62.

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

SIST EN 60238:1998/A1:1998

<https://standards.iteh.ai/catalog/standards/sist/5a3c7d62-232a-4b4f-9d32-b608c41dcf96/sist-en-60238-1998-a1-1998>

NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC

60238

1996

AMENDEMENT 1  
AMENDMENT 1

1997-04

---

---

Amendement 1

**Douilles à vis Edison pour lampes**

Amendment 1

**STANDARD PREVIEW**  
Edison screw lampholders  
(standards.iteh.ai)

SIST EN 60238:1998/A1:1998

<https://standards.iteh.ai/catalog/standards/sist/5a3c7d62-232a-4b4f-9d32-b608c41dcf96/sist-en-60238-1998-a1-1998>

© IEC 1997 Droits de reproduction réservés — Copyright - all rights reserved

International Electrotechnical Commission  
Telefax: +41 22 919 0300

e-mail: [inmail@iec.ch](mailto:inmail@iec.ch)

3, rue de Varembe Geneva, Switzerland  
IEC web site <http://www.iec.ch>



Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

CODE PRIX  
PRICE CODE

D

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

## FOREWORD

This amendment has been prepared by subcommittee 34B: Lamp caps and holders, of IEC technical committee 34: Lamps and related equipment.

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

FDIS	Report on voting
34B/655/FDIS	34B/685/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.

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

[SIST EN 60238:1998/A1:1998](https://standards.iteh.ai/catalog/standards/sist/5a3c7d62-232a-4b4f-9d32-b608c41dcf96/sist-en-60238-1998-a1-1998)

<https://standards.iteh.ai/catalog/standards/sist/5a3c7d62-232a-4b4f-9d32-b608c41dcf96/sist-en-60238-1998-a1-1998>

Page 9

### 1 General

#### 1.2 Normative references

*Add to the existing list of IEC publications quoted the following publications:*

IEC 60068-2-32: 1975, *Environmental testing - Part 2: Tests - Test Ed: Free fall*

IEC 60068-2-62: 1991, *Environmental testing - Part 2: Tests - Test Ef: Impact, pendulum hammer*

IEC 60068-2-63: 1991, *Environmental testing - Part 2: Tests - Test Eg: Impact, spring hammer*

*Delete the last paragraph reading:*

*Other publication quoted:*

ASTM D 785-65: 1981



Page 65

## 15 Mechanical strength

Replace subclause 15.6 by the following:

15.6 *The mechanical strength of the outer shell of insulating material with or without a conductive outer surface and of insulating rings between the screw shell and the exterior of metal lampholders is checked by means of the pendulum hammer test specified in IEC 60068-2-62, subject to the following details (see clause 11 of IEC 60068-2-62):*

a) *Method of mounting:*

*The specimen shall be held against the plywood sheet of the mounting fixture in such a manner that its axis is horizontal and parallel to the support and its outer edge touches the plywood.*

NOTE - For lampholders different from the cylindrical shape, the condition of the axis parallel to the plywood sheet may be obtained by adequate pine wood shimmings.

b) *Height of fall:*

*The striking element shall fall from one of the heights given in table 8.*

Table 8

Material	Height of fall mm
Ceramic parts	100 ± 1
Parts made of other material	150 ± 1,5

*Candle lampholders, if tested without decorative covers, shall, however, be tested with a height of fall of 100 mm.*

c) *Number of impacts:*

*Four blows shall be applied to points equally divided over the circumference of the outer edge of the shell and of the ring.*

*For lampholders of insulating material, the outer shell shall be hit at the outer edge. For metal lampholders, the outer shell shall be hit at the position of the insulating ring between the screw shell and the exterior.*

*For such candle lampholders as prescribed in b), one blow shall be applied in two places at 90° on the circumference. The blows shall be applied at 5 mm from the outer edge of the lampholder.*

d) *Pre-conditioning:*

*Not applicable.*

e) *Initial measurements:*

*Not applicable.*

f) *Attitudes and impact locations:*

*See c) above.*

g) *Operating mode and functional monitoring:*

*The sample shall not operate during impact.*