

**SLOVENSKI STANDARD
SIST EN 61199:2011/A2:2015**

01-maj-2015

**Fluorescenčne sijalke z enim vznožkom - Varnostne specifikacije - Dopolnilo A2
(IEC 61199:2011/A2:2014)**

Single-capped fluorescent lamps - Safety specifications (IEC 61199:2011/A2:2014)

Einseitig gesockelte Leuchtstofflampen – Sicherheitsanforderungen

Lampes à fluorescence à culot unique - Specifications de sécurité

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Ta slovenski standard je istoveten z: EN 61199:2011/A2:2015

SIST EN 61199:2011/A2:2015

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ICS:

29.140.30 Fluorescenčne sijalke. Sijalke Fluorescent lamps.
Discharge lamps

SIST EN 61199:2011/A2:2015

en

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EUROPEAN STANDARD

EN 61199:2011/A2

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2015

ICS 29.140.30

English Version

**Single-capped fluorescent lamps - Safety specifications
(IEC 61199:2011/A2:2014)**

Lampes à fluorescence à culot unique - Spécifications de
sécurité
(IEC 61199:2011/A2:2014)

Einseitig gesockelte Leuchtstofflampen -
Sicherheitsanforderungen
(IEC 61199:2011/A2:2014)

This amendment A2 modifies the European Standard EN 61199:2011; it was approved by CENELEC on 2014-09-03. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

The text of document 34A/1740/CDV, future IEC 61199:2011/A2, prepared by SC 34A "Lamps" of IEC/TC 34 "Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61199:2011/A2:2015.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2015-07-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-09-03

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC).

Endorsement notice

The text of the International Standard IEC 61199:2011/A2:2014 was approved by CENELEC as a European Standard without any modification.

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 2
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Single-capped fluorescent lamps – Safety specifications

Lampes à fluorescence à culot unique – Spécifications de sécurité

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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:

CDV	Report on voting
34A/1740/CDV	34A/1779/RVC

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 stability 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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[SIST EN 61199:2011/A2:2015](https://standards.iteh.ai/catalog/standards/sist/6f00f9a1-7efc-46bc-9194-434025580793/iec-60061-1-2011-a2-2015)

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Add, after the existing 4.3.3.2, a new subclause as follows:

4.3.4 System requirements

Where a cap sheet as specified in IEC 60061-1 includes information on system requirements, lamps shall not exceed the limits specified.

Compliance is checked by measurement.

A.2.1 For unused caps

Replace in the 2nd paragraph, the 1st sentence with the following new sentence:

Neither lamp bulb nor lamp cap shall be loosened either by an axial pull of 40 N or by a bending moment of 2 Nm.

Replace in the 2nd paragraph, the 4th sentence ("The pivot point ...") with the following two new sentences:

The pivot point lies at the cap reference plane (mating plane with the lamp holder) for caps with a guide post. In case of caps without a guide post, the pivot point lies in a plane which is above the cap reference plane at a distance defined by the maximum of dimension Y found in the relevant lamp holder standard.

Add, after the existing C.3.2, a new Clause C.4 as follows:

C.4 Water contact

All lamps within the scope of this standard should be protected from direct water contact, e.g. by drips, splashing etc., by the luminaire if rated at IPX1 or higher.

NOTE The X in the IP number indicates a missing numeral but both of the appropriate numerals are marked on the luminaire.

H.2 Lamp end temperature under abnormal operating conditions

Replace the 3rd paragraph ("In the case ... in the circuit".) with the following:

At the end of lamp life, phenomena can occur that could lead to overheating of the lamp cap. This should be prevented by suitable measures in the circuit. Phenomena that can occur are a restless phase where the impedance of the lamps changes rapidly, leading together with the ballast to high voltage peaks. Also light variation can be observed. Another phenomena is a d.c. effect, this is caused by a less efficient emission of electrons by one of the electrodes. This will lead to extra power losses in the electrode space, which heats up the lamp ends. Another phenomena is a change in the electrode resistance, due to the breaking of the electrode.

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