

Luminofoor-induktsioonlambid. Ohutusjuhised

Fluorescent induction lamps - Safety specifications

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 62532:2011 sisaldab Euroopa standardi EN 62532:2011 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 31.05.2011 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 13.05.2011.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 62532:2011 consists of the English text of the European standard EN 62532:2011.

This standard is ratified with the order of Estonian Centre for Standardisation dated 31.05.2011 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text 13.05.2011.

The standard is available from Estonian standardisation organisation.

ICS 29.140.30

Standardite reprodutseerimis- ja levitamiseõigus kuulub Eesti Standardikeskusele

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**Fluorescent induction lamps -
Safety specifications
(IEC 62532:2011)**

Lampes à fluorescence à induction -
Spécifications de sécurité
(CEI 62532:2011)

Leuchtstoff-Induktionslampen -
Sicherheitsanforderungen
(IEC 62532:2011)

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CENELEC

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

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Foreword

The text of document 34A/1422/FDIS, future edition 1 of IEC 62532, 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 EN 62532 on 2011-03-07.

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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) 2011-12-07
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2014-03-07

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62532:2011 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60112:2003	NOTE	Harmonized as EN 60112:2003 (not modified).
IEC 60529:1989	NOTE	Harmonized as EN 60529:1991 (not modified).
IEC 60664-1:2007	NOTE	Harmonized as EN 60664-1:2007 (not modified).
IEC 61199:1999	NOTE	Harmonized as EN 61199:1999 (not modified).
IEC 62471:2006	NOTE	Harmonized as EN 62471:2008 (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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 60061	-	Lamp caps and holders together with gauges for the control of interchangeability and safety	-	-
IEC 60360	1998	Standard method of measurement of lamp cap temperature rise	EN 60360	1998
IEC 60598-1 (mod)	2008	Luminaire - Part 1: General requirements and tests	EN 60598-1 + A11	2008 2009
IEC 60695-2-10	-	Fire hazard testing - Part 2-10: Glowing/hot-wire based test methods - Glow-wire apparatus and common test procedure	EN 60695-2-10	-
IEC 60695-2-11	-	Fire hazard testing - Part 2-11: Glowing hot-wire based test methods - Glow-wire flammability test method for end-products	EN 60695-2-11	-
IEC 60901	-	Single-capped fluorescent lamps - Performance specifications	EN 60901	-
IEC 61347-1 (mod)	-	Lamp controlgear - Part 1: General and safety requirements	EN 61347-1	-

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FLUORESCENT INDUCTION LAMPS – SAFETY SPECIFICATIONS

1 Scope

This International Standard specifies the safety requirements for fluorescent induction lamps for general lighting purposes.

It also specifies the method a manufacturer should use to show compliance with the requirements of this standard on the basis of whole production appraisal in association with his test records on finished products. This method can also be applied for certification purposes.

Details of a batch test procedure, which can be used to make limited assessment of batches, are also given in this standard.

The schematic drawings of the systems are shown in Annex A.

NOTE Self-ballasted induction lamps (where the discharge vessel, the power coupler and the control gear are integrated in the same product) are excluded from the scope of this standard.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60061, *Lamp caps and holders together with gauges for the control of interchangeability and safety*

IEC 60360:1998, *Standard method of measurement of lamp cap temperature rise*

IEC 60598-1:2008, *Luminaires – Part 1: General requirements and tests*

IEC 60901, *Single-capped fluorescent lamps. Performance specifications*

IEC 60695-2-10, *Fire Hazard testing – Part 2-10: Glowing/hot-wire based test methods – Glow-wire apparatus and common test procedure*

IEC 60695-2-11, *Fire hazard testing – Part 2-11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end-products*

IEC 61347-1, *Lamp control gear – Part 1: General and safety requirements*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

induction lamp

assembly of a low pressure mercury discharge vessel and an inductive power coupler