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Irish Standard I.S. EN 62532:2011&A1:2017

Fluorescent induction lamps - Safety specifications

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I.S. EN 62532:2011&A1:2017

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National Foreword

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EUROPEAN STANDARD NORME EUROPÉENNE

EN 62532:2011/A1

EUROPÄISCHE NORM

April 2017

ICS 29.140.30

English Version

Fluorescent induction lamps - Safety specifications (IEC 62532:2011/A1:2016)

Lampes à fluorescence à induction - Spécifications de sécurité (IEC 62532:2011/A1:2016) Leuchtstoff-Induktionslampen - Sicherheitsanforderungen (IEC 62532:2011/A1:2016)

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EN 62532:2011/A1:2017

European foreword

The text of document 34A/1871/FDIS, future IEC 62532:2011/A1, 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 62532:2011/A1:2017.

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)	2017-10-28
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EN 62532

NORME EUROPÉENNE EUROPÄISCHE NORM

May 2011

ICS 29.140.30

English version

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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Annex ZA has been added by CENELEC.

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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

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NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	<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	Luminaires - 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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IEC 62532

Edition 1.0 2011-01

INTERNATIONAL STANDARD

NORME INTERNATIONALE



Fluorescent induction lamps – Safety specifications

Lampes à fluorescence à induction – Spécifications de sécurité





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INTERNATIONAL STANDARD

NORME INTERNATIONALE



Fluorescent induction lamps – Safety specifications

Lampes à fluorescence à induction – Spécifications de sécurité

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FLUORESCENT INDUCTION LAMPS – SAFETY SPECIFICATIONS

FOREWORD

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International Standard IEC 62532 has been prepared by subcommittee 34A: Lamps, of IEC technical committee 34: Lamps and related equipment.

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

FDIS	Report on voting
34A/1422/FDIS	34A/1446/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

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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



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