



BSI Standards Publication

Fluorescent induction lamps – Safety specifications (IEC 62532:2011)

National foreword

This British Standard is the UK implementation of EN 62532:2011, including amendment A1:2017. It is identical to IEC 62532:2011, including amendment 1:2016. It supersedes BS EN 62532:2011, which is withdrawn.

The text of IEC amendment 1:2016 has been provided in its entirety at the beginning of this document. BSI's policy of providing consolidated content remains unchanged; however, in the interest of expediency, in this instance BSI have chosen to collate the relevant content at the beginning of this document.

The UK participation in its preparation was entrusted to Technical Committee CPL/34/1, Electric lamps.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Amendments/corrigenda issued since publication

Date	Text affected
31 March 2018	Implementation of IEC amendment 1:2016 with CENELEC endorsement A1:2017

**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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

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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- 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
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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).

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)

This amendment A1 modifies the European Standard EN 62532:2011; it was approved by CENELEC on 2016-02-24. 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.

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

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European foreword

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publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2020-04-28
standards conflicting with the
document have to be withdrawn

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The text of the International Standard IEC 62532:2011/A1:2016 was approved by CENELEC as a European Standard without any modification.

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	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	-

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

Fluorescent induction lamps – Safety specifications

Lampes à fluorescence à induction – 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:

FDIS	Report on voting
34A/1871/FDIS	34A/1883/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 publication will remain unchanged until the stability date indicated on the IEC website 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.

INTRODUCTION

Amendment 1 to this standard contains requirements for photobiology and information on water contact.

1 Scope

Add, after the existing note, the following new paragraph:

This standard covers photobiological safety according to IEC 62471 and IEC TR 62471-2. Blue light and infrared hazards are below the level which requires marking.

Insert, after the existing Annex F, a new Annex G as follows:

Annex G (informative)

Information for luminaire design

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.

Bibliography

Add, after the existing last reference, a new reference as follows:

IEC TR 62471-2:2009, *Photobiological safety of lamps and lamp systems – Part 2: Guidance on manufacturing requirements relating to non-laser optical radiation safety*

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