

SISSEEHITATUD LIITSEADISEGA
ÜLDTARBE-LUMINOFOORLAMBID. OHUTUSNÕUDED

Self-ballasted fluorescent lamps for general lighting
services - Safety requirements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 60968:2015 sisaldab Euroopa standardi EN 60968:2015 ingliskeelset teksti.	This Estonian standard EVS-EN 60968:2015 consists of the English text of the European standard EN 60968:2015.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 08.05.2015.	Date of Availability of the European standard is 08.05.2015.
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English Version

Self-ballasted fluorescent lamps for general lighting services -
Safety requirements
(IEC 60968:2015, modified + COR1:2015, modified)

Lampes à fluorescence à ballast intégré pour l'éclairage
général - Règles de sécurité
(IEC 60968:2015, modifiée + COR1:2015, modifiée)

Leuchtstofflampen mit eingebautem Vorschaltgerät für
Allgemeinbeleuchtung - Sicherheitsanforderungen
(IEC 60968:2015, modifiziert + COR1:2015, modifiziert)

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This European Standard 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/1811/FDIS, future edition 3 of IEC 60968 prepared by subcommittee 34A "Lamps", of IEC/TC 34 "Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60968:2015.

A draft amendment, which covers common modifications to IEC 60968 (34A/1811/FDIS), was prepared by CLC/TC 34A "Lamps" and approved by CENELEC.

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) 2016-03-30
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-03-30

This document supersedes EN 60968:2013.

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 60968:2015 + COR1:2015 was approved by CENELEC as a European Standard with agreed common modifications.

COMMON MODIFICATIONS

CONTENTS **Add** the following annexes:
Annex ZA (normative) Normative references to international publications with their corresponding European publications

Delete all references to E17, E26 and E39 lamp caps in the following clauses and figures:

Clause 6 Interchangeability (Table 2)

Clause 9 Mechanical strength (Table 3 and 4)

Clause 10 Cap temperature rise (Table 5)

Figure 5 Holder for torsion test on lamps with screw caps

Bibliography **Add** the following standards:

Add the following notes for the standards indicated:

IEC 60432-1 NOTE Harmonized as EN 60432-1

IEC 60529:1989 NOTE Harmonized as EN 60529:1991 (not modified)

IEC 62471:2006 NOTE Harmonized as EN 62471:2008 (modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60061-1	-	Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps	EN 60061-1	-
IEC 60061-3	-	Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges	EN 60061-3	-
IEC 60360	-	Standard method of measurement of lamp cap temperature rise	EN 60360	-
IEC 60598-1	-	Luminaires – Part 1: General requirements and tests	EN 60598-1	-
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	2000	Fire hazard testing - Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products	EN 60695-2-11	2001
IEC 60901	-	Single-capped fluorescent lamps - Performance specifications	EN 60901	-
IEC 61199	-	Single-capped fluorescent lamps – Safety specifications	EN 61199	-
IEC 61347-1	2015	Lamp controlgear – Part 1: General and safety requirements	EN 61347-1	2015
ISO 4046-4	2002	Paper, board, pulps and related terms - Vocabulary - Part 4: Paper and board grades and converted products		

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