

EDISONKEERMEGA LAMBIPESAD

Edison screw lampholders

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 60238:2018 sisaldab Euroopa standardi EN IEC 60238:2018 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 60238:2018 consists of the English text of the European standard EN IEC 60238:2018.
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 23.03.2018.	Date of Availability of the European standard is 23.03.2018.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 29.140.10

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonsesse süsteemi või edastamine ükskõik millises vormis või millisel teel ilma Eesti Standardikeskuse kirjaliku loata on keelatud.

Kui Teil on küsimusi standardite autorikaitse kohta, võtke palun ühendust Eesti Standardikeskusega:
Koduleht www.evs.ee; telefon 605 5050; e-post info@evs.ee

The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without a written permission from the Estonian Centre for Standardisation.

If you have any questions about copyright, please contact Estonian Centre for Standardisation:

Homepage www.evs.ee; phone +372 605 5050; e-mail info@evs.ee

English Version

**Edison screw lampholders
(IEC 60238:2016)**

Douilles à vis Edison pour lampes
(IEC 60238:2016)

Lampenfassungen mit Edisongewinde
(IEC 60238:2016)

This European Standard was approved by CENELEC on 2016-08-18. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 34B/1852/FDIS, future edition 9 of IEC 60238, prepared by SC 34B "Lamp caps and holders" of IEC/TC 34 "Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60238:2018.

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 2018-09-23
- latest date by which the national standards conflicting with the document have to be withdrawn 2021-03-23

This document supersedes EN 60238:2004.

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 document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

Endorsement notice

The text of the International Standard IEC 60238:2016 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 60061	NOTE	Harmonized in EN 60061 series.
IEC 60061-4	NOTE	Harmonized as EN 60061-4.
IEC 60068-2-20	NOTE	Harmonized as EN 60068-2-20.
IEC 60335-1:2001	NOTE	Harmonized as EN 60335-1:2002 (modified).
IEC 60335-2-24:2002	NOTE	Harmonized as EN 60335-2-24:2003 (not modified).
IEC 60598	NOTE	Harmonized in EN 60598 series.
IEC 60664-1	NOTE	Harmonized as EN 60664-1.
IEC 60695-2-10	NOTE	Harmonized as EN 60695-2-10.

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 (mod)	1969	Lamp caps and holders together with gauges for the control of interchangeability and safety -- Part 1: Lamp caps	EN 60061-1	1993
IEC 60061-2 (mod)	1969	Lamp caps and holders together with gauges for the control of interchangeability and safety -- Part 2: Lampholders	EN 60061-2	1993
IEC 60061-3 (mod)	1969	Lamp caps and holders together with gauges for the control of interchangeability and safety -- Part 3: Gauges	EN 60061-3	1993
IEC 60068-2-32	1975	Basic environmental testing procedures -- Part 2: Tests - Test Ed: Free fall	-	-
IEC 60068-2-75	2014	Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests	EN 60068-2-75	2014
IEC 60112	2003	Method for the determination of the proof and the comparative tracking indices of solid insulating materials	EN 60112	2003
+ A1	2009		+ A1	2009
IEC 60227	series	Polyvinyl chloride insulated cables of rated-voltages up to and including 450/750 V -- Part 1: General requirements	-	-
IEC 60245	series	Rubber insulated cables - Rated voltages-up to and including 450/750 V -- Part 1: General requirements	-	-
IEC 60352-1	1997	Solderless connections -- Part 1: Wrapped connections - General requirements, test methods and practical guidance	EN 60352-1	1997
IEC 60399	2004	Barrel thread for lampholders with shade holder ring	EN 60399	2004
+ A1	2008		+ A1	2008
IEC 60417	2002	Graphical symbols for use on equipment	-	-
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529	1991
-	-		+ corrigendum May	1993
+ A1	1999		+ A1	2000
+ A2	2013		+ A2	2013
IEC 60598-1 (mod)	2014	Luminaires -- Part 1: General requirements and tests	EN 60598-1	2015
IEC 60630 (mod)	1994	Maximum lamp outlines for incandescent lamps	EN 60630	1998
+ A7	2014		+ A7	2015

IEC 60695-2-11	2014	Fire hazard testing - Part 2-11:EN 60695-2-11	2014
		Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products (GWEPT)	
IEC 60695-11-5	2016	Fire hazard testing -- Part 11-5: TestEN 60695-11-5	2017
		flames - Needle-flame test method - Apparatus, confirmatory test arrangement and guidance	
IEC 61058-1 (mod)	2000	Switches for appliances -- Part 1: GeneralEN 61058-1	2002 ¹⁾
		requirements	
ISO 4046-4	2002	Paper, board, pulps and related terms -- Vocabulary -- Part 4: Paper and board grades and converted products	-

1) EN 61058-1:2002 consists of IEC 61058-1:2000 (modified) and IEC 61058-1:2000/A1:2001 (not modified).

Annex ZZ

(informative)

Relationship between this European standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered

This European standard has been prepared under a Commission's standardisation request relating to harmonised standards in the field of the Low Voltage Directive, M/511, to provide one voluntary means of conforming to safety objectives of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety objectives of that Directive, and associated EFTA regulations.

Table ZZ.1 – Correspondence between this European standard and Annex I of Directive 2014/35/EU [2014 OJ L96]

Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
1. General conditions		
a) the essential characteristics, the recognition and observance of which will ensure that electrical equipment will be used safely and in applications for which it was made, shall be marked on the electrical equipment, or, if this is not possible, on an accompanying document;	Clause 8	
b) the electrical equipment, together with its component parts, shall be made in such a way as to ensure that it can be safely and properly assembled and connected;	All clauses	
c) the electrical equipment shall be so designed and manufactured as to ensure that protection against the hazards set out in points 2 and 3 is assured, providing that the equipment is used in applications for which it was made and is adequately maintained.	See item 2 and 3 of this table	

2. Protection against hazards arising from the electrical equipment Measures of a technical nature shall be laid down in accordance with point 1, in order to ensure that:		
a) persons and domestic animals are adequately protected against the danger of physical injury or other harm which might be caused by direct or indirect contact;	Clauses 4, 9, 10, 11, 12, 13, 14, 15 and 17	
b) temperatures, arcs or radiation which would cause a danger, are not produced;	Clauses 13, 15, 18, 19, 20 and 21	
c) persons, domestic animals and property are adequately protected against non-electrical dangers caused by the electrical equipment which are revealed by experience;	Clauses 4, 13, 16, 19 and 22	
d) the insulation is suitable for foreseeable conditions.	Clauses 10, 12, 13, 16, 18, 20 and 21	
3. Protection against hazards which may be caused by external influences on the electrical equipment Technical measures shall be laid down in accordance with point 1, in order to ensure that the electrical equipment:		
a) meets the expected mechanical requirements in such a way that persons, domestic animals and property are not endangered;	Clauses 8, 9, 13, 16 and 22	
b) is resistant to non-mechanical influences in expected environmental conditions, in such a way that persons, domestic animals and property are not endangered;	Clauses 13, 15, 18, 20 and 21	
c) does not endanger persons, domestic animals and property in foreseeable conditions of overload.	Clauses 13, 15, 20 and 21	

WARNING 1: Presumption of conformity stays valid only as long as a reference to this European standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2: Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

This document is a preview generated by EVS