
**Stikalne naprave za sijalke - 1. del: Splošne in varnostne zahteve - Dopolnilo A1
(IEC 61347-1:2015/A1:2017)**

Lamp controlgear - Part 1: General and safety requirements (IEC 61347-1:2015/A1:2017)

Geräte für Lampen - Teil 1: Allgemeine und Sicherheitsanforderungen (IEC 61347-1:2015/A1:2017)

Appareillages de lampes - Partie 1: Exigences générales et exigences de sécurité (IEC 61347-1:2015/A1:2017)

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Ta slovenski standard je istoveten z: EN 61347-1:2015/A1:2021

ICS:

29.130.01	Stikalne in krmilne naprave na splošno	Switchgear and controlgear in general
29.140.99	Drugi standardi v zvezi z žarnicami	Other standards related to lamps

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en

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EUROPEAN STANDARD

EN 61347-1:2015/A1

NORME EUROPÉENNE

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English Version

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Sicherheitsanforderungen
(IEC 61347-1:2015/A1:2017)

This amendment A1 modifies the European Standard EN 61347-1:2015; it was approved by CENELEC on 2017-09-14. 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.

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 amendment 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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, 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

EN 61347-1:2015/A1:2021 (E)**European foreword**

The text of document 34C/1351/FDIS, future edition 1 of IEC 61347-1:2015/A1, prepared by IEC/SC 34C "Auxiliaries for lamps" of IEC/TC 34 "Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61347-1:2015/A1:2021.

The following dates are fixed:

- latest date by which the document has to be (dop) 2021-07-08
implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2024-01-08
standards conflicting with the
document have to be withdrawn

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC 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.

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Endorsement notice

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The text of the International Standard IEC 61347-1:2015/A1:2017 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 60838-2-2	NOTE	Harmonized as EN 60838-2-2.
IEC 60947-7-4	NOTE	Harmonized as EN 60947-7-4.
IEC 60998 (series)	NOTE	Harmonized as EN 60998 (series).
IEC 61048	NOTE	Harmonized as EN 61048.
IEC 61643-11	NOTE	Harmonized as EN 61643-11.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where 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 60065 (mod)	2001	Audio, video and similar electronic apparatus - Safety requirements	EN 60065	2002
-	-		+corrigendum Mar. 2006	
-	-		+corrigendum Aug. 2007	
IEC 60068-2-14	2009	Environmental testing -- Part 2-14: Tests - Test N: Change of temperature	EN 60068-2-14	2009
IEC 60081	-	Double-capped fluorescent lamps - Performance specifications	EN 60081	-
IEC 60085	2007	Electrical insulation - Thermal evaluation and designation	EN 60085	2008
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 60216	series	Electrical insulating materials - Thermal endurance properties -- Part 1: Ageing procedures and evaluation of test results	EN 60216	series
IEC 60317-0-1	2013	Specifications for particular types of winding wires -- Part 0-1: General requirements - Enamelled round copper wire	EN 60317-0-1	2014
IEC 60384-14	-	Fixed capacitors for use in electronic equipment -- Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains	EN 60384-14	-
IEC 60417	-	Graphical symbols for use on equipment. Index, survey and compilation of the single sheets.	HD 243 S12	-
-	-		+corrigendum Oct. -	
+A1	1979		-	-

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Publication	Year	Title	EN/HD	Year
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
-	-		+A1	2018
IEC 60664-1	2007	Insulation coordination for equipment within low-voltage systems -- Part 1: Principles, requirements and tests	EN 60664-1	2007
IEC 60664-4	2005	Insulation coordination for equipment within low-voltage systems -- Part 4: Consideration of high-frequency voltage stress	EN 60664-4	2006
-	-		+corrigendum Oct. 2006	
IEC 60691	2002	Thermal-links - Requirements and application guide	EN 60691	2016
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	2013
IEC 60695-11-5	-	Fire hazard testing -- Part 11-5: Test flames - Needle-flame test method - Apparatus, confirmatory test, arrangement and guidance	EN 60695-11-5	2017..
IEC 60730-2-3	-	Automatic electrical controls for household and similar use -- Part 2-3: Particular requirements for thermal protectors for ballasts for tubular fluorescent lamps	EN 60730-2-3	2007
IEC 60884-2-4	-	Plugs and socket-outlets for household and similar purposes -- Part 2-4: Particular requirements for plugs and socket-outlets for SELV		-
IEC 60901	-	Single-capped fluorescent lamps - Performance specifications	EN 60901	-
IEC 60906-3	-	IEC System of plugs and socket-outlets for household and similar purposes -- Part 3: SELV plugs and socket-outlets, 16 A 6V, 12 V, 24 V, 48 V, a.c. and d.c.		-
IEC 60921	2004	Ballasts for tubular fluorescent lamps - Performance requirements	EN 60921	2004
+A1	2006		+A1	2006
IEC 60923	2005	Auxiliaries for lamps - Ballasts for discharge lamps (excluding tubular fluorescent lamps) - Performance requirements	EN 60923	2005

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60950-1	-	Information technology equipment - Safety -- Part 1: General requirements	EN 60950-1	2006
-	-		+A11	2009
-	-		+A1	2010
-	-		+A12	2011
-	-		+AC	2011
-	-		+A2	2013
IEC 61180-1	1992	High-voltage test techniques for low-voltage equipment -- Part 1: Definitions, test and procedure requirements	EN 61180-1	1994
IEC 61189-2	2006	Test methods for electrical materials, printed boards and other interconnection structures and assemblies -- Part 2: Test methods for materials for interconnection structures	EN 61189-2	2006
IEC 61249-2	series	Materials for printed boards and other interconnecting structures -- Part 2-1: Reinforced base materials, clad and unclad - Phenolic cellulose paper reinforced laminated sheets, economic grade, copper-clad	EN 61249-2	series
IEC 61347-2	series	Lamp controlgear -- Part 2-1: Particular requirements for starting devices (other than glow starters)	EN 61347-2	series
IEC 61347-2-2	-	Lamp controlgear -- Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down converters for filament lamps	EN 61347-2-2	2012
IEC 61347-2-3	-	Lamp control gear - Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	EN 61347-2-3	2011
-	-		AC	2011
-	-		A1	2017
IEC 61347-2-7	-	amp controlgear - Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)	EN 61347-2-7	2012
IEC 61347-2-8	-	Lamp controlgear -- Part 2-8: Particular requirements for ballasts for fluorescent lamps	EN 61347-2-8	2001
-	-		+corrigendum Jul.	2003-
-	-		+A1	2006
-	-		+corrigendum Dec.	2013-
IEC 61347-2-9	2012	Lamp controlgear -- Part 2-9: Particular requirements for electromagnetic controlgear for discharge lamps (excluding fluorescent lamps)	EN 61347-2-9	2013

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61347-2-13	-	Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	EN 61347-2-13	2014
	-		A1	2017
IEC 61558-1	2005	Safety of power transformers, power supplies, reactors and similar products -- Part 1: General requirements and tests	EN 61558-1	2005
-	-		+corrigendum Aug. 2006	
IEC 61558-2-6	2009	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V -- Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers	EN 61558-2-6	2009
IEC 61558-2-16	2009	Safety of transformers, reactors, power supply units and similar products for voltages up to 1 100 V -- Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units	EN 61558-2-16	2009
ISO 4046-4	2002	Paper, board, pulps and related terms - Vocabulary -- Part 4: Paper and board grades and converted products	-	-

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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 standardization request relating to harmonized 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 harmonization 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)(a)	Clause 7	None
(1)(b)	Clause 4	None
(1)(c)	See items 2 and 3 of this table	None
(2)(a)	Clause 8, 9, 10, 11, 12, 14, 15, 16, 17, 18	EMF is not covered in this standard. EMF for lighting equipment is covered by EN 62493.
(2)(b)	Clause 8, 14, 17, 18	None
(2)(c)	Clause 8, 14, 17, 18	None
(2)(d)	Clause 9, 10, 11, 12, 14, 15, 16, 17, 18	None
(3)(a)	Clause 9, 10, 14, 15, 17, 18, 19	None
(3)(b)	Clause 8, 11, 12, 14, 15, 16, 17, 18, 19	None
(3)(c)	Clause 8, 14, 15, 16, 17, 18, 19	None.

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.

WARNING 3 — According to its scope, EN 61347-1 shall not be applied directly to controlgear for which a specific EN 61347-2 part is applicable.