

**SLOVENSKI STANDARD**  
**SIST EN 61347-2-13:2014****01-december-2014****Nadomešča:****SIST EN 61347-2-13:2007**

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**Krmilne stikalne naprave za sijalke - 2-13. del: Posebne zahteve za enosmerno ali izmenično napajane elektronske krmilne stikalne naprave za module LED (IEC 61347-2-13:2014)**

Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules

**iTeh STANDARD PREVIEW**

Geräte für Lampen - Teil 2-13: Besondere Anforderungen an gleich- oder wechselstromversorgte elektronische Betriebsgeräte für LED-Module

[SIST EN 61347-2-13:2014](#)

Appareillages de lampes - Partie 2-13: Exigences particulières pour les appareillages électroniques alimentés en courant continu ou en courant alternatif pour modules de LED

**Ta slovenski standard je istoveten z: EN 61347-2-13:2014****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

**SIST EN 61347-2-13:2014****en**

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EUROPEAN STANDARD

**EN 61347-2-13**

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2014

ICS 29.140.99

Supersedes EN 61347-2-13:2006

English Version

**Lamp controlgear - Part 2-13: Particular requirements for d.c. or  
a.c. supplied electronic controlgear for LED modules  
(IEC 61347-2-13:2014)**

Appareillages de lampes - Partie 2-13: Exigences  
particulières pour les appareillages électroniques alimentés  
en courant continu ou alternatif pour les modules de LED  
(CEI 61347-2-13:2014)

Geräte für Lampen - Teil 2-13: Besondere Anforderungen  
an gleich- oder wechselstromversorgte elektronische  
Betriebsgeräte für LED-Module  
(IEC 61347-2-13:2014)

This European Standard was approved by CENELEC on 2014-10-08. 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.

**SIST EN 61347-2-13:2014**

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, 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: Avenue Marnix 17, B-1000 Brussels**

## Foreword

The text of document 34C/1092/FDIS, future edition 2 of IEC 61347-2-13, prepared by 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 61347-2-13:2014.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical standard or by endorsement (dop) 2015-07-08
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-10-08

This document supersedes EN 61347-2-13:2006

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).

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**Endorsement notice**

The text of the International Standard IEC 61347-2-13:2014 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 60051 Series	NOTE	Harmonised in EN 60051 Series.
IEC 60085:2004	NOTE	Harmonised as EN 60085:2008.
IEC 60364-4-41:2005	NOTE	Harmonised as HD 60364-4-41:2007.
IEC 60384-14:2005	NOTE	Harmonised as EN 60384-14:2005.
IEC 60950-1:2005	NOTE	Harmonised as EN 60950-1:2006.
IEC 61558-1:2005	NOTE	Harmonised as EN 61558-1:2005.
IEC 61558-2-1:2007	NOTE	Harmonised as EN 61558-2-1:2007.
IEC 61558-2-4:2009	NOTE	Harmonised as EN 61558-2-4:2009.
IEC 61558-2-13:2009	NOTE	Harmonised as EN 61558-2-13:2009.

## 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61347-1 (mod)	2007	Lamp controlgear -- Part 1: General and safety requirements	EN 61347-1	2008
+A1	2010		+A1	2011
+A2	2012		+A2	2013
IEC 61347-2-7	2011	Lamp controlgear -- Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)	EN 61347-2-7	2012
IEC 61547	-	Equipment for general lighting purposes - EMC immunity requirements	EN 61547	-
IEC 61558 series	-	Safety of power transformers, power supplies, reactors and similar products -- Part 1: General requirements and tests	EN 61558 series	-
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
IEC 62384	2006	D.C. or A.C. supplied electronic control gear for LED modules - Performance requirements	EN 62384	2006

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IEC 61347-2-13

Edition 2.0 2014-09

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

Lamp controlgear – **STANDARD PREVIEW**  
Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear  
for LED modules  
(standards.iteh.ai)

Appareillage de lampes – **SIST EN 61347-2-13:2014**  
Partie 2-13: Exigences particulières pour les appareillages électroniques  
alimentés en courant continu ou alternatif pour les modules de LED

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## LAMP CONTROLGEAR –

**Part 2-13: Particular requirements for d.c. or  
a.c. supplied electronic controlgear for LED modules**

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as “IEC Publication(s)”). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 61347-2-13 has been prepared by subcommittee 34C: Auxiliaries for lamps, of IEC technical committee 34: Lamps and related equipment.

This second edition cancels and replaces the first edition published in 2006. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition.

- a) Replacement of the SELV-equivalent requirements by SELV requirements and reference to the SELV requirements of Annex L in IEC 61347-1:2007/AMD2:2012.
- b) Reference to IEC 61347-1 for the protection against accidental contact with live parts, moisture resistance and insulation and electric strength.
- c) New Annex J for emergency lighting requirements.

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

FDIS	Report on voting
34C/1092/FDIS	34C/1106/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.

This standard shall be used in conjunction with IEC 61347-1. Where the requirements of any of the clauses of IEC 61347-1 are referred to in this standard by the phrase "The requirements of Clause n of IEC 61347-1:2007/AMD1:2010/AMD2:2012, apply", this phrase is interpreted as meaning that all requirements of the clause in question of Part 1 apply, except any which are clearly inapplicable to the specific type of lamp controlgear covered by this particular part of IEC 61347-2.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

In this standard, the following print types are used:

- requirements: in roman type,
- *test specifications: in italic type,*
- notes: in small roman type.

A list of all parts in the IEC 61347, published under the general title *Lamp controlgear* can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site 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

This second edition of IEC 61347-2-13 is published in conjunction with IEC 61347-1. The formatting into separately published parts provides for ease of future amendments and revisions. Additional requirements will be added as and when a need for them is recognized.

This standard and the parts which make up IEC 61347-2, in referring to any of the clauses of IEC 61347-1 specify the extent to which such a clause is applicable and the order in which the tests are to be performed; they also include additional requirements as necessary. All parts which make up IEC 61347-2 are self-contained and therefore do not include references to each other.

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