



SLOVENSKI STANDARD
SIST EN 60570:2004/A1:2018

01-julij-2018

Električni tračni napajalni sistemi za svetilke - Dopolnilo A1 (IEC 60570:2003/A1:2017)

Electrical supply track systems for luminaires (IEC 60570:2003/A1:2017)

Elektrische Stromschiensysteme für Leuchten (IEC 60570:2003/A1:2017)

Systèmes d'alimentation électrique par rail pour luminaires (IEC 60570:2003/A1:2017)

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Ta slovenski standard je istoveten z: EN 60570:2003/A1:2018

SIST EN 60570:2004/A1:2018
<https://standards.iteh.ai/catalog/standards/sist/7fd69476-4f84-4131-8582-c43020eededf/sist-en-60570-2004-a1-2018>

ICS:

| | | |
|-----------|---------------------------------------|-------------------------------|
| 29.140.50 | Instalacijski sistemi za razsvetljavo | Lighting installation systems |
|-----------|---------------------------------------|-------------------------------|

SIST EN 60570:2004/A1:2018 **en**

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EUROPEAN STANDARD

EN 60570:2003/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2018

ICS 29.120.20; 29.140.40

English Version

Electrical supply track systems for luminaires (IEC 60570:2003/A1:2017)

Systèmes d'alimentation électrique par rail pour luminaires
(IEC 60570:2003/A1:2017)

Elektrische Stromschienensysteme für Leuchten
(IEC 60570:2003/A1:2017)

This amendment A1 modifies the European Standard EN 60570:2003; it was approved by CENELEC on 2017-05-10. 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.

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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 60570:2003/A1:2018 (E)**European foreword**

The text of document 34D/1221/CDV, future edition 1 of IEC 60570:2003/A1:2017, prepared by IEC/SC 34D "Luminaires" of IEC/TC 34 "Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60570:2003/A1:2018.

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 (dop) 2018-11-18
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-05-18

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 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 60570:2003/A1:2017 was approved by CENELEC as a European Standard without any modification.

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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. 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; | 6 | |
| 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, except Clauses 1, 2 and 3 | |
| 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 | | |

EN 60570:2003/A1:2018 (E)

| | | |
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| 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; | 7 and 8 16 10 and 18 11 13 | |
| b) temperatures, arcs or radiation which would cause a danger, are not produced; | 7 and 8 9 12 15 | Products covered by this standard are considered passive with respect to EMF |
| c) persons, domestic animals and property are adequately protected against non-electrical dangers caused by the electrical equipment which are revealed by experience; | 7 and 8 15 9 | |
| d) the insulation is suitable for foreseeable conditions. | 14 15 | |
| 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: | SIST EN 60570:2004/A1:2018 https://standards.iteh.ai/catalog/standards/sist/7fd69476-4f84-4131-8582-c43020eededf/sist-en-60570-2004-a1-2018 | |
| a) meets the expected mechanical requirements in such a way that persons, domestic animals and property are not endangered; | 6 7 and 8 | |
| b) is resistant to non-mechanical influences in expected environmental conditions, in such a way that persons, domestic animals and property are not endangered; | 14 17 | |
| c) does not endanger persons, domestic animals and property in foreseeable conditions of overload. | 8 12 | |

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.

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IEC 60570

Edition 4.0 2017-04

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
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