



SLOVENSKI STANDARD
SIST EN 62504:2014/A1:2018
01-julij-2018

Splošna razsvetljava - Izdelki s svetlečimi diodami (LED) in pripadajoča oprema - Izrazi in definicije - Dopolnilo A1 (IEC 62504:2014/A1:2018)

General lighting - Light emitting diode (LED) products and related equipment - Terms and definitions (IEC 62504:2014/A1:2018)

Allgemeinbeleuchtung - Licht emittierende Dioden (LED) Produkte und verwandte Ausrüstung - Begriffe und Definitionen (IEC 62504:2014/A1:2018)

Éclairage général - Produits à diode électroluminescente (LED) et équipements associés - Termes et définitions (IEC 62504:2014/A1:2018)

<https://standards.iteh.ai/catalog/standards/sist/cc54f4b3-fe26-404f-a36d-b82385e679b5/sist-en-62504-2014-a1-2018>

Ta slovenski standard je istoveten z: EN 62504:2014/A1:2018

ICS:

91.160.01 Razsvetljava na splošno Lighting in general

SIST EN 62504:2014/A1:2018 en

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EUROPEAN STANDARD

EN 62504:2014/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2018

ICS 29.140.20

English Version

**General lighting - Light emitting diode (LED) products and
related equipment - Terms and definitions
(IEC 62504:2014/A1:2018)**

Éclairage général - Produits à diode électroluminescente
(LED) et équipements associés - Termes et définitions
(IEC 62504:2014/A1:2018)

Allgemeinbeleuchtung - Licht emittierende Dioden (LED)
Produkte und verwandte Ausrüstung - Begriffe und
Definitionen
(IEC 62504:2014/A1:2018)

This amendment A1 modifies the European Standard EN 62504:2014; it was approved by CENELEC on 2018-04-17. 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.

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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 62504:2014/A1:2018 (E)**European foreword**

The text of document 34/476A/FDIS, future edition 1 of IEC 62504:2014/A1, prepared by IEC/TC 34 "Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62504:2014/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) 2019-01-17
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-04-17

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.

Endorsement notice

The text of the International Standard IEC 62504:2014/A1:2018 was approved by CENELEC as a European Standard without any modification.

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IEC 62504

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

**General lighting – Light emitting diode (LED) products and related equipment –
Terms and definitions** (standards.iteh.ai)

**Éclairage général – Produits à diode électroluminescente (LED) et équipements
associés – Termes et définitions**

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FOREWORD

This amendment has been prepared by IEC technical committee 34: Lamps and related equipment.

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

FDIS	Report on voting
34/476A/FDIS	34/490/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website 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.

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3 Terms and definitions

3.15

LED lamp

Replace the existing definition and the existing notes with the following new definition and new notes:

electric lamp based on LED technology

Note 1 to entry: An LED lamp can be integrated (LEDi lamp) or semi-integrated (LEDsi lamp) or non-integrated (LEDni lamp).

Note 2 to entry: An LED lamp can include at least one LED module.

3.19

LED module

Replace the existing definition and the existing notes with the following new definition and new notes:

LED light source having either at least one PCB cap or no cap, and incorporating at least one LED package

Note 1 to entry: An LED module can be integrated (LEDi module, Type 1), or semi-integrated (LEDsi module, Type 2), or non-integrated (LEDni module, Type 3).

Note 2 to entry: An LED module is usually designed to be part of an LED lamp or an LED luminaire.

Note 3 to entry: An LED module can include one or more of the following: electric, optical, mechanical, and thermal components, interfaces and controlgear.

3.20 LED package

Replace the existing definition and the existing notes with the following new definition and new notes:

single electric component comprising principally at least one LED die

Note 1 to entry: The LED package does not include the control unit of the controlgear, does not include a cap, is not connected directly to the supply voltage and does not include active electronic components.

Note 2 to entry: An LED package is a discrete component and part of the LED module or LED lamp. For a schematic built-up of an LED package, see Annex A.

Note 3 to entry: An LED package can include one or more of the following:

- optical elements;
- light converters (phosphors);
- thermal, mechanical, and electric interfaces;
- components to address ESD concerns.

Add, at the end of Clause 3, the following new terminological entry:

3.43 printed circuit board cap PCB cap

cap intended for use with printed circuit boards

EXAMPLE CH14.65d, GUX2.7d and GZX7d.
<https://standards.iteh.ai/catalog/standards/sist/cc54f4b3-fe26-404f-a36d-b82385e679b5/sist-en-62504-2014-a1-2018>

A.4 Terms under consideration

Replace the existing Subclauses A.4.1, A.4.2 and Figure A.6 with the following new text:

Void.
