



BSI Standards Publication

**General lighting – Light emitting diode (LED)
products and related equipment – Terms
and definitions (IEC 62504:2014)**

National foreword

This British Standard is the UK implementation of EN 62504:2014+A1:2018. It is identical to IEC 62504:2014, incorporating amendment 1:2018. It supersedes BS EN 62504:2014, which will be withdrawn on 17 April 2021.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment 1 is indicated by **A1** **A1**.

The UK participation in its preparation was entrusted to Technical Committee CPL/34, Lamps and Related Equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Amendments/corrigenda issued since publication

Date	Text affected
30 June 2018	Implementation of IEC amendment 1:2018 with CENELEC endorsement A1:2018

English Version

**General lighting – Light emitting diode (LED) products
and related equipment – Terms and definitions
(IEC 62504:2014)**

Éclairage général – Produits à diode
électroluminescente (LED) et équipements
associés – Termes et définitions (CEI 62504:2014)

Allgemeinbeleuchtung – Licht emittierende Dioden
(LED) Produkte und verwandte Ausrüstung –
Begriffe und Definitionen (IEC 62504:2014)

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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European Foreword

The text of document 34/200/FDIS, future edition 1 of IEC 62504, 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.

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) 2015-04-24
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-07-24

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The text of the International Standard IEC 62504:2014 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 60061-1	NOTE	Harmonized as EN 60061-1.
IEC 60825-1	NOTE	Harmonized as EN 60825-1.
IEC 61140	NOTE	Harmonized as EN 61140.
IEC TR 61341	NOTE	Harmonized as EN 61341.
IEC 61347-1	NOTE	Harmonized as EN 61347-1.
IEC 611347-2-13	NOTE	Harmonized as EN 61341-2-13.
IEC 62031	NOTE	Harmonized as EN 62031.
IEC 62471	NOTE	Harmonized as EN 62471.
IEC 62612	NOTE	Harmonized as EN 62612.

Foreword to amendment A1

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 (dow) 2021-04-17 document have to be withdrawn

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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 60050	series	International Electrotechnical Vocabulary	—	series
CIE 127	—	Measurement of LEDs	—	—

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FOREWORD

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International Standard IEC 62504 has been prepared by IEC technical committee 34: Lamps and related equipment in collaboration with representatives from CIE.

This first edition cancels and replaces the IEC TS 62504 published in 2011.

The significant changes with respect to IEC TS 62504 are as follows:

- a) Terms from the International Electrotechnical Vocabulary that have not been modified are deleted.
- b) Alignment with the CIE has been done.
- c) An introduction has been added

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

FDIS	Report on voting
34/200/FDIS	34/205/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 publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

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.