BS EN IEC 63013:2019+A2:2024

BSI Standards Publication

LED packages — Long-term luminous, radiant and photon flux maintenance projection

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National foreword

This British Standard is the UK implementation of EN IEC 63013:2019+A2:2024. It is identical to IEC 63013:2017, incorporating amendment 1:2021 and amendment 2:2023. It supersedes BS EN IEC 63013:2019+A1:2021, which is withdrawn.

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/34/1, Electric lamps.

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

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Amendments/corrigenda issued since publication

Date	Text affected
28 February 2022	Implementation of IEC amendment 1:2021 with CENELEC endorsement A1:2021
29 February 2024	Implementation of IEC amendment 2:2023 with CENELEC endorsement A2:2024

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 63013:2019+A2

January 2024

ICS 29.140.99

English Version

LED packages - Long-term luminous and radiant flux maintenance projection (IEC 63013:2017)

LED encapsulées - Projection à long terme concernant la conservation du flux lumineux et du flux énergétique (IEC 63013:2017)

LED-Packages - Langfristige Vorhersage des Lichtstromerhalts und des Erhalts der Strahlungsleistung (IEC 63013:2017)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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European foreword

The text of document 34A/2008/FDIS, future edition 1 of IEC 63013, prepared by SC 34A "Electric light sources" of IEC/TC 34 "Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63013:2019.

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)	2020-05-29
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2022-11-29

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The text of the International Standard IEC 63013:2017 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 62506:2013	NOTE	Harmonized as EN 62506:2013 (not modified)

European foreword to amendment A1

The text of document 34A/2233(F)/CDV, future IEC 63013/AMD1, prepared by SC 34A “Electric light sources” of IEC/TC 34 “Lighting” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63013:2019/A1:2021.

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)	2022–08–30
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European foreword to Amendment 2

The text of document 34A/2350/CDV, future IEC 63013/AMD2, prepared by SC 34A "Electric light sources" of IEC/TC 34 "Lighting" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63013:2019/A2:2024.

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)	2024-10-23
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2027-01-23

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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.

Publication	Year	Title	EN/HD	Year
IEC 62504	-	General lighting - Light emitting diode (LED) products and related equipment - Terms and definitions	EN 62504	-
ANSI/IES TM-21–19	-	Technical Memorandum: Projecting Long Term Lumen, Photon, and Radiant Flux Maintenance of LED Light Sources		-
ANSI/IES LM-80–20	-	Approved Method: Measuring Luminous Flux and Color Maintenance of LED Packages, Arrays, and Modules		-
ANSI/IES TM-21-21	-	Projecting Long-Term Lumen, Photon, and Radiant Flux Maintenance of LED Light Sources	-	-

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