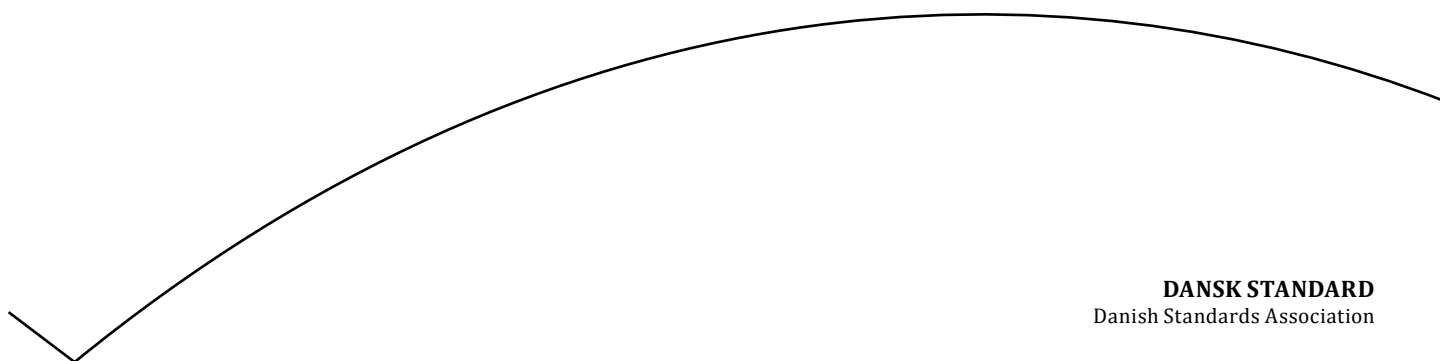


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LED-moduler til almindelige belysningsformål – Krav til ydeevne

LED modules for general lighting – Performance requirements



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DS projekt: M321601

ICS: 29.140.99

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DS/EN, hvilket betyder, at det er en europæisk standard, der har status som dansk standard.

Denne publikations overensstemmelse er:

IDT med: IEC 62717:2014/AMD2:2019

IDT med: EN 62717:2017/A2:2019

DS-publikationen er på engelsk.

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Dansk Standard udgiver forskellige publikationstyper.

Typen på denne publikation fremgår af forsiden.

Der kan være tale om:

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- europæisk præstandard

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- samling af standarder, eventuelt suppleret med informativt materiale

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EUROPÄISCHE NORM

April 2019

ICS 29.140.99

English Version

LED modules for general lighting - Performance requirements (IEC 62717:2014/A2:2019)

Modules de LED pour éclairage général - Exigences de
performance
(IEC 62717:2014/A2:2019)

LED-Module für die Allgemeinbeleuchtung - Anforderungen
an die Arbeitsweise
(IEC 62717:2014/A2:2019)

This amendment A2 modifies the European Standard EN 62717:2017; it was approved by CENELEC on 2019-02-28. 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.

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, Serbia, 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: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 34A/2121/FDIS, future IEC 62717/A2, prepared by SC 34A "Lamps" of IEC/TC 34 "Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62717:2017/A2:2019.

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) 2019-11-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-02-28

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(s), see informative Annexes ZZ included in EN 62717:2017.

Endorsement notice

The text of the International Standard IEC 62717:2014/A2:2019 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 62722-1:2014	NOTE	Harmonized as EN 62722-1:2016
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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-845	1987	International Electrotechnical Vocabulary. - Lighting	-	-
IEC 60068-2-14	-	Environmental testing - Part 2-14: Tests - Test N: Change of temperature	EN 60068-2-14	2009
IEC 60068-3-5	2001	Environmental testing -- Part 3-5: - Supporting documentation and guidance - Confirmation of the performance of temperature chambers	EN 60068-3-5	2002
IEC 60081	-	Double-capped fluorescent lamps - Performance specifications	EN 60081	1998
			A1	2002
			A2	2003
			A3	2005
			A4	2010
			A5	2013
			A6	2017
			A11	2018
IEC 61000-3-2	2005	Electromagnetic compatibility (EMC) - Part - 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)	-	-
+ A1	2008			
+ A2	2009			

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		4-7: Testing and measurement techniques - General guide on harmonics and interharmonics measurements and instrumentation, for power supply systems and equipment connected thereto	A1	2009
IEC 61347-2-13	-	Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules	EN 61347-2-13	2014
			A1	2017
IEC 62031	2008	LED modules for general lighting - Safety specifications	EN 62031	2008
IEC 62504	-	General lighting - Light emitting diode (LED) products and related equipment - Terms and definitions	EN 62504	2014
			A1	2018
IEC/TR 61341	-	Method of measurement of centre beam intensity and beam angle(s) of reflector lamps	EN 61341	2011
ANSI/IES LM-80-15	-	Approved Method: Measuring Luminous Flux and Color Maintenance of LED Packages, Arrays and Modules		-
CIE 13.3	1995	Method of measurement and specifying colour rendering properties of light sources		-
CIE 177	2007	Colour rendering of white LED light sources		-
CIE S 025/E	2015	Test Method for LED Lamps, LED Luminaires and LED Modules		-

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Edition 1.0 2019-01

INTERNATIONAL STANDARD

NORME INTERNATIONALE



AMENDMENT 2
AMENDEMENT 2

LED modules for general lighting – Performance requirements

Modules de LED pour éclairage général – Exigences de performance

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IEC Glossary - std.iec.ch/glossary

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



AMENDMENT 2
AMENDEMENT 2

LED modules for general lighting – Performance requirements

Modules de LED pour éclairage général – Exigences de performance

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FOREWORD

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

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

FDIS	Report on voting
34A/2121/FDIS	34A/2127/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.

IMPORTANT – The 'colour inside' logo on the cover page of this publication indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.

2 Normative references

Delete the reference to CIE 121:1996 and the reference to IES LM-80, added by Amendment 1.:

Add the following new references:

CIE S 025/E:2015, *Test Method for LED Lamps, LED Luminaires and LED Modules*

ANSI/IES LM-80-15, *Approved Method: Measuring Luminous Flux and Color Maintenance of LED Packages, Arrays and Modules*