



BSI Standards Publication

Energy performance of lamp controlgear

Part 3: Controlgear for halogen lamps and LED modules – Method of measurement to determine the efficiency of the controlgear (IEC 62442-3:2014)

National foreword

This British Standard is the UK implementation of EN 62442-3:2014, including amendment A11:2017. It is derived from IEC 62442-3:2014. It supersedes BS EN 62442-3:2014, which will be withdrawn on 11 July 2020.

The text of CENELEC amendment A11:2017 has been provided in its entirety at the beginning of this document. BSI's policy of providing consolidated content remains unchanged; however, in the interest of expediency, in this instance BSI have chosen to collate the relevant content at the beginning of this document.

The UK participation in its preparation was entrusted to Technical Committee CPL/34/3, Auxiliaries for lamps.

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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Published by BSI Standards Limited 2018

ISBN 978 0 580 92298 5

ICS 29.140.99

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 July 2014.

Amendments/corrigenda issued since publication

Date	Text affected
31 March 2018	Implementation of CENELEC amendment A11:2017

English Version

Energy performance of lamp controlgear - Part 3: Controlgear for
halogen lamps and LED modules - Method of measurement to
determine the efficiency of the controlgear
(IEC 62442-3:2014)

Performance énergétique des appareillages de lampes -
Partie 3: Appareillage de lampes à halogène et modules de
DEL - Méthode de mesure pour la détermination du
rendement de l'appareillage
(CEI 62442-3:2014)

Energieeffizienz von Lampenbetriebsgeräten - Teil 3:
Betriebsgeräte für Halogenlampen und LED-Module -
Messverfahren zur Bestimmung des Wirkungsgrades des
Betriebsgerätes
(IEC 62442-3:2014)

This European Standard was approved by CENELEC on 2014-05-29. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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This European Standard 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: Avenue Marnix 17, B-1000 Brussels

Foreword

The text of document 34C/1077/FDIS, future edition 1 of IEC 62442-3, prepared by SC 34C "Auxiliaries for lamps", of IEC/TC 34 "Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62442-3:2014.

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) 2015-03-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-05-29

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 62442-3:2014 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 60357	NOTE	Harmonized as EN 60357.
IEC 62384	NOTE	Harmonized as EN 62384.
IEC 62442-1:2011	NOTE	Harmonized as EN 62442-1:2011 (not modified).
IEC 62442-2:—	NOTE	Harmonized as EN 62442-2:2014 (not modified).

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 61047	2004	DC or AC supplied electronic step-down convertors for filament lamps - Performance requirements	EN 61047	2004
IEC 61347-1 (mod)	2007	Lamp controlgear -	EN 61347-1	2008
+A1	2010	Part 1: General and safety requirements	+A1	2011
+A2	2012		+A2	2013
IEC 61347-2-2	-	Lamp controlgear - Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps	EN 61347-2-2	-
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	-
IEC 61558-1	-	Safety of power transformers, power supplies, reactors and similar products - Part 1: General requirements and tests	EN 61558-1	-
IEC 61558-2-6	-	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers	EN 61558-2-6	-
IEC Guide 115	2007	Application of uncertainty of measurement to conformity assessment activities in the electrotechnical sector	-	-

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Betriebsgerätes

This amendment A11 modifies the European Standard EN 62442-3:2014; it was approved by CENELEC on 2017-07-11. 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 foreword

This document (EN 62442-3:2014/A11:2017) has been prepared by CLC/TC 34 "Lamps and related equipment".

The following dates are fixed:

- latest date by which this document has to be implemented (dop) 2018-07-11
at national level by publication of an identical national
standard or by endorsement
- latest date by which the national standards conflicting with (dow) 2020-07-11
this document have to be withdrawn

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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 Annex ZZ, which is an integral part of this document.