



BSI Standards Publication

Energy performance of lamp controlgear

Part 3: Controlgear for tungsten-halogen lamps and LED light sources -
Method of measurement to determine the efficiency of controlgear

National foreword

This British Standard is the UK implementation of EN IEC 62442-3:2022. It is identical to IEC 62442-3:2022. It supersedes BS EN IEC 62442-3:2018, which will be withdrawn on 17 March 2025.

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 committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Energy performance of lamp controlgear - Part 3: Controlgear for
tungsten-halogen lamps and LED light sources - Method of
measurement to determine the efficiency of controlgear
(IEC 62442-3:2022)

Performance énergétique des appareillages de lampes -
Partie 3: Appareillages des lampes tungstène-halogène et
des sources lumineuses à LED - Méthode de mesurage
pour la détermination du rendement des appareillages
(IEC 62442-3:2022)

Energieeffizienz von Lampenbetriebsgeräten - Teil 3:
Betriebsgeräte für Halogenlampen und LED-
ModuleLichtquellen - Messverfahren zur Bestimmung des
Wirkungsgrades des Betriebsgerätes
(IEC 62442-3:2022)

This European Standard was approved by CENELEC on 2022-03-17. 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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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 34C/1547/FDIS, future edition 3 of IEC 62442-3, prepared by SC 34C "Auxiliaries for lamps" of IEC/TC 34 "Lighting" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62442-3:2022.

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) 2022-12-17
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-03-17

This document supersedes EN IEC 62442-3:2018 and all of its amendments and corrigenda (if any).

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Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 62442-3:2022 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 IEC 62384

IEC 62442-1 NOTE Harmonized as EN IEC 62442-1

IEC 62442-2 NOTE Harmonized as EN IEC 62442-2

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	-	International Electrotechnical Vocabulary (IEV) – Part 845: Lighting	-	-
IEC 61047	2004	DC or AC supplied electronic step-down convertors for filament lamps - Performance requirements	EN 61047	2004
IEC 61347-1	2015	Lamp controlgear - Part 1: General and safety requirements	EN 61347-1	2015
IEC 63103	2020	Lighting equipment - Non-active mode power measurement	EN IEC 63103	2020
IEC TS 63105	2021	Lighting systems and related equipment - Vocabulary	-	-
IEC Guide 115	2021	Application of uncertainty of measurement - to conformity assessment activities in the electrotechnical sector	-	-

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