



BSI Standards Publication

Energy performance of lamp controlgear

Part 1: Controlgear for fluorescent lamps – Method of measurement to determine the total input power of controlgear circuits and the efficiency of controlgear (IEC 62442-1:2018)

National foreword

This British Standard is the UK implementation of EN IEC 62442-1:2018. It is identical to IEC 62442-1:2018. It supersedes BS EN 62442-1:2011+A11:2017, which will be withdrawn on 28 September 2021.

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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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Energy performance of lamp controlgear - Part 1: Controlgear for
fluorescent lamps - Method of measurement to determine the
total input power of controlgear circuits and the efficiency of the
controlgear
(IEC 62442-1:2018)

Performance énergétique des appareillages de lampes -
Partie 1: Appareillages des lampes à fluorescence -
Méthode de mesure pour la détermination de la puissance
d'entrée totale des circuits d'appareillage et du rendement
des appareillages
(IEC 62442-1:2018)

Energieeffizienz von Lampenbetriebsgeräten - Teil 1:
Betriebsgeräte für Leuchtstofflampen - Messverfahren zur
Bestimmung der Gesamteingangsleistung von
Betriebsgeräteschaltungen und des Wirkungsgrades von
Betriebsgeräten
(IEC 62442-1:2018)

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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/1335A/CDV, future edition 2 of IEC 62442-1, 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 IEC 62442-1:2018.

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) 2019-03-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-09-28

This document supersedes EN 62442-1:2011.

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Endorsement notice

The text of the International Standard IEC 62442-1:2018 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 62442-1	NOTE Harmonized as EN 62442-1
IEC 62442-3	NOTE Harmonized as EN IEC 62442-3

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 60081	1997	Double-capped fluorescent lamps	-EN 60081	1998
+ A4	2010	Performance specifications	+ A4	2010
-	-		+ A11	2018
IEC 60901	1996	Single-capped fluorescent lamps	-EN 60901	1996
+ A5	2011	Performance specifications	+ A5	2012
IEC 60921	2004	Ballasts for tubular fluorescent lamps	-EN 60921	2004
IEC 60929	2011	Performance requirements		
		AC and/or DC-supplied electronic control gear for tubular fluorescent lamps -	EN 60929	2011
		Performance requirements		
-	-		+ AC	2011
IEC 61347-2-3	-	Lamp control gear - Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps	EN 61347-2-3	-
IEC 61347-2-8	-	Lamp control gear - Part 2-8: Particular requirements for ballasts for fluorescent lamps	EN 61347-2-8	-

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