



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

National foreword

This British Standard is the UK implementation of EN IEC 62442-1:2022. It is identical to IEC 62442-1:2022. It supersedes BS EN IEC 62442-1:2018, which will be withdrawn on 17 March 2025.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

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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
controlgear
(IEC 62442-1:2022)

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 62442-1:2022)

Energieeffizienz von Lampenbetriebsgeräten - Teil 1:
Betriebsgeräte für Leuchtstofflampen - Messverfahren zur
Bestimmung der Gesamteingangsleistung von
Betriebsgeräteschaltungen und des Wirkungsgrades von
Betriebsgeräten
(IEC 62442-1:2022)

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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/1545/FDIS, future edition 3 of IEC 62442-1, 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 62442-1:2022.

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- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022-12-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-03-16

This document supersedes EN IEC 62442-1:2018 and all of its amendments and corrigenda (if any).

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Endorsement notice

The text of the International Standard IEC 62442-1:2022 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 62442-2 NOTE Harmonized as EN IEC 62442-2

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 60050-845	-	International Electrotechnical Vocabulary (IEV) – Part 845: Lighting	-	-
IEC 60081	1997	Double-capped fluorescent lamps - Performance specifications	EN 60081	1998
+ A4	2010		+ A4	2010
-	-		+ A11	2018
IEC 60901	1996	Single-capped fluorescent lamps - Performance specifications	EN 60901	1996
+ A5	2011		+ A5	2012
IEC 60921	2004	Ballasts for tubular fluorescent lamps - Performance requirements	EN 60921	2004
IEC 60929	2011	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	EN 60929	2011
-	-		+ AC	2011
IEC 63103	2020	Lighting equipment - Non-active mode power measurement	EN IEC 63103	2020
IEC TS 63105		Lighting systems and related equipment - Vocabulary	-	-

CONTENTS

FOREWORD	4
1 Scope	6
2 Normative references	6
3 Terms and definitions	7
4 General	9
4.1 Ballast lumen factor	9
4.2 Dimmable controlgear	10
4.3 Multi-power and/or multi-number-lamp controlgear	10
4.4 General notes on tests	10
4.5 Sampling of controlgear for testing	10
4.6 Size of the test sample	10
4.7 Conditioning of lamps	10
4.8 Test voltages and frequencies	10
4.9 Sensor and network connections	11
5 Method of measurement and calculation of total input power of controlgear-lamp circuits and the efficiency of controlgear	11
5.1 Correction for ballast lumen factor	11
5.2 Method of measurement	11
5.3 Measurement and calculation of the total input power of magnetic controlgear-lamp circuits	12
5.4 Calculation of the efficiency of electromagnetic controlgear	12
5.5 Measurement and calculation of the total input power of electronic controlgear-lamp circuits	12
5.6 Calculation of the efficiency of electronic controlgear	14
5.7 Measuring the standby power	14
5.8 Measuring the networked standby power	14
5.9 Reporting of power measurements	14
Annex A (normative) Energy performance measurement set-up	15
A.1 Measurement set-up for electromagnetic controlgear	15
A.2 Measurement set-up for electronic controlgear	15
A.2.1 Measurement of the total input power	15
A.2.2 Light output measurement	16
A.2.3 Distance to lamp related to lamp length: explanations	17
Annex B (informative) Application of the reference ballast when assessing lamps in electronic operation	19
B.1 Calculation of the reference ballast impedance	19
B.2 Method of adjusting the lamp power	19
Bibliography	20
Figure A.1 – Measurement of electromagnetic controlgear-lamp circuits	15
Figure A.2 – Measurement of AC supplied electronic controlgear-lamp circuits	16
Figure A.3 – Side view of light output measurement system	16
Figure A.4 – Top view of light output measurement system	17
Figure A.5 – Configuration of lamp and photocell sensor	18

Table 1 – Typical nominal electricity supply details for some regions	11
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