

SLOVENSKI STANDARD SIST EN IEC 62442-2:2022

01-maj-2022

Nadomešča:

SIST EN IEC 62442-2:2018

SIST EN IEC 62442-2:2018/AC:2019

Energijske lastnosti krmilne naprave sijalke - 2. del: Krmilna naprava za razelektritvene sijalke (razen nizkotlačnih živosrebrnih fluorescenčnih sijalk) - Merilna metoda za ugotavljanje učinkovitosti krmilne naprave (IEC 62442-2:2022)

Energy performance of lamp controlgear - Part 2: Controlgear for discharge lamps (excluding low-pressure mercury fluorescent lamps) - Method of measurement to determine the efficiency of controlgear (IEC 62442-2:2022)

Energieeffizienz von Lampenbetriebsgeräten - Teil 2: Betriebsgeräte für Hochdruck-Entladungslampen (ausgenommen Leuchtstofflampen) - Messverfahren zur Bestimmung des Wirkungsgrades von Betriebsgeräten (IEC 62442-2):2022)

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Performance énergétique des appareillages de lampes - Partie 2: Appareillages des lampes à décharge à haute intensité (à lexclusion des lampes à fluorescence) - Méthode de mesure pour la détermination du rendement des appareillages (IEC 62442-2:2022)

Ta slovenski standard je istoveten z: EN IEC 62442-2:2022

ICS:

29.140.99 Drugi standardi v zvezi z

lamps

Other standards related to

žarnicami

SIST EN IEC 62442-2:2022 en

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EUROPEAN STANDARD

EN IEC 62442-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2022

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Supersedes EN IEC 62442-2:2018 and all of its amendments and corrigenda (if any)

English Version

Energy performance of lamp controlgear - Part 2: Controlgear for discharge lamps (excluding low-pressure mercury fluorescent lamps) - Method of measurement to determine the efficiency of controlgear

(IEC 62442-2:2022)

Performance énergétique des appareillages de lampes -Partie 2: Appareillages des lampes à décharge (à l'exclusion des lampes à fluorescence à vapeur de mercure à basse pression) - Méthode de mesurage pour la détermination du rendement des appareillages (IEC 62442-2:2022)

Energieeffizienz von Lampenbetriebsgeräten - Teil 2: Betriebsgeräte für Hochdruck-Entladungslampen (ausgenommen Leuchtstofflampen) - Messverfahren zur Bestimmung des Wirkungsgrades von Betriebsgeräten (IEC 62442-2:2022)

PREVIEW

This European Standard was approved by CENELEC on 2022-03-16. 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.

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.

<u>SIST EN IEC 62442-2:2022</u>

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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, 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

EN IEC 62442-2:2022 (E)

European foreword

The text of document 34C/1546/FDIS, future edition 3 of IEC 62442-2, 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 62442-2:2022.

The following dates are fixed:

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

This document supersedes EN IEC 62442-2:2018 and all of its amendments and corrigenda (if any).

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.

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.

PREVIEW Endorsement notice (standards.iteh.ai)

The text of the International Standard IEC 62442-2:2022 was approved by CENELEC as a European Standard without any modification. <u>SIST EN IEC 62442-2:2022</u>

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60188 NOTE Harmonized as EN 60188
IEC 60662 NOTE Harmonized as EN 60662
IEC 60923 NOTE Harmonized as EN 60923
IEC 61167 NOTE Harmonized as EN 61167
IEC 62035 NOTE Harmonized as EN 62035
IEC 62442-1 NOTE Harmonized as EN IEC 62442-1
IEC 62442-3 NOTE Harmonized as EN IEC 62442-3

EN IEC 62442-2:2022 (E)

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>	EN/HD	<u>Year</u>
IEC 60050-845	-	International Electrotechnical Vocabulary (IEC) – Part 845: Lighting	-	-
IEC 61347-1	2015	Lamp controlgear - Part 1: General and safety requirements	EN 61347-1	2015
IEC 63103	2020	Lighting equipment - Non-active mode	EN IEC 63103	2020
IEC TS 63105	2021	Lighting systems and related equipment - Vocabulary	_	-
IEC Guide 115	2021 https:// f9d5	Application of uncertainty of measurement to conformity assessment activities in the electrotechnical sector 6743/sist-en-iec-6/2	167932c-	-

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Edition 3.0 2022-02

INTERNATIONAL STANDARD

NORME INTERNATIONALE

iTeh STANDARD

Energy performance of lamp controlgear - P Part 2: Controlgear for discharge lamps (excluding low-pressure mercury fluorescent lamps) – Method of measurement to determine the efficiency of controlgear

Performance énergétique des appareillages de lampes — 167932c-Partie 2: Appareillages des lampes à décharge (à l'exclusion des lampes à fluorescence à vapeur de mercure à basse pression) — Méthode de mesurage pour la détermination du rendement des appareillages

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CONTENTS

H	OREWO)RD	3	
1	Sco	pe	5	
2	Norr	native references	5	
3	Terr	ns and definitions	6	
4				
	4.1	General notes on tests	_	
	4.2	Controllable controlgear		
	4.3	Multi-lamp type controlgear		
	4.4	Measurement uncertainty		
	4.5	Sampling of controlgear for testing		
	4.6	Size of the test sample		
	4.7	Power supply	8	
	4.8	Supply voltage waveform		
	4.9	Instrument accuracy	9	
	4.10	Multi-rated voltage controlgear	10	
	4.11	Sensor and network connections	10	
5	Meth	nod of measurement of the input power and calculation of the efficiency	10	
	5.1	Measurement set-up: electromagnetic controlgear	10	
	5.2	Efficiency calculation: electromagnetic controlgear	11	
	5.3	Measurement set-up: electronic controlgear	11	
	5.4			
	5.5	Standby power measurement of electronic controlgear	12	
	5.6	Networked standby power measurement of electronic controlgear	12	
	5.7	Networked standby power measurement of efectronic controlgear	12	
В	ibliogra	phy2022	13	
F	igure 1	Measurement set-up for electromagnetic controlgear	10	
F	igure 2	Measurement set-up for electronic controlgear	11	
T	ahle 1 -	- Typical nominal electricity supply details for some regions	a	

INTERNATIONAL ELECTROTECHNICAL COMMISSION

ENERGY PERFORMANCE OF LAMP CONTROLGEAR -

Part 2: Controlgear for discharge lamps (excluding low-pressure mercury fluorescent lamps) – Method of measurement to determine the efficiency of controlgear

FOREWORD

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IEC 62442-2 has been prepared by subcommittee 34C: Auxiliaries for lamps, of IEC technical committee 34: Lighting. It is an International Standard.

This third edition cancels and replaces the second edition published in 2018. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) the title of Part 2 has been modified;
- b) this edition has been harmonized with IEC 62442-1 and IEC 62442-3;
- c) the reference to and use of the measurement methods for non-active power consumption in accordance with IEC 63103 have been added.

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The text of this International Standard is based on the following documents:

Draft	Report on voting
34C/1546/FDIS	34C/1549/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

A list of all parts in the IEC 62442 series, published under the general title *Energy performance* of *lamp controlgear*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be ARD

reconfirmed,

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- withdrawn,
- replaced by a revised edition and ards.iteh.ai)
- amended.

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-4 -