SLOVENSKI STANDARD
SIST EN IEC 62442-3:2022

01-maj-2022

Nadomešča:
SIST EN IEC 62442-3:2018

Energijske lastnosti krmilne naprave sijalke - 3. del: Krmilne naprave za halogenske sijalke in LED-svetlobne vire - Merilna metoda za ugotavljanje učinkovitosti krmilne naprave (IEC 62442-3:2022)

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)

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

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

Ta slovenski standard je istoveten z: **EN IEC 62442-3:2022**

ICS:

29.140.99	Drugi standardi v zvezi z žarnicami	Other standards related to lamps

SIST EN IEC 62442-3:2022 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

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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)

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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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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.

Publication	Year	Title	EN/HD	Year
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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NORME INTERNATIONALE

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

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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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

FOREWORD

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

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

Draft	Report on voting
34C/1547/FDIS	34C/1550/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

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.