



SLOVENSKI STANDARD SIST EN IEC 62868-1:2022

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SIST EN 62868:2016

Organska svetleča dioda (OLED) Svetlobni viri za splošno razsvetljavo - Varnost - 1. del: Splošne zahteve in preskusi (IEC 62868-1:2020)

Organic light emitting diode (OLED) Light sources for general lighting - Safety - Part 1:
General requirements and tests (IEC 62868-1:2020)

Organische Licht emittierende Dioden (OLED) Lichtquellen für die Allgemeinbeleuchtung
- Sicherheit - Teil 1: Allgemeine Anforderungen und Prüfungen (IEC 62868-1:2020)

Sources lumineuses à diodes électroluminescentes organiques (OLED) destinées à
l'éclairage général - Sécurité - Partie 1: Exigences générales et essais (IEC 62868-
1:2020)

Ta slovenski standard je istoveten z: EN IEC 62868-1:2021

ICS:

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

EN IEC 62868-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2021

ICS 29.140.99

Supersedes EN 62868:2015 and all of its amendments
and corrigenda (if any)

English Version

Organic light emitting diode (OLED) Light sources for general lighting - Safety - Part 1: General requirements and tests (IEC 62868-1:2020)

Sources lumineuses à diodes électroluminescentes
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(IEC 62868-1:2020)

Organische Licht emittierende Dioden (OLED) Lichtquellen
für die Allgemeinbeleuchtung - Sicherheit - Teil 1:
Allgemeine Anforderungen und Prüfungen
(IEC 62868-1:2020)

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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

EN IEC 62868-1:2021 (E)**European foreword**

The text of document 34A/2177/FDIS, future edition 1 of IEC 62868-1, prepared by SC 34A "Electric light sources" of IEC/TC 34 "Lighting" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62868-1:2021.

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) 2022-05-05
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-11-05

This document supersedes EN 62868:2015 and all of its amendments and corrigenda (if any).

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This document has been prepared under a Standardization Request given to CENELEC by the European Commission and the European Free Trade Association.

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.

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Endorsement notice

SIST EN IEC 62868-1:2022

The text of the International Standard IEC 62868-1:2020 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 60050 (series)	NOTE	Harmonized as EN IEC 63223 (series) ¹
IEC 60598 (series)	NOTE	Harmonized as EN 60598 (series)
IEC 62868-2 (series)	NOTE	Harmonized as EN IEC 62868-2 (series) ²

¹ To be published. Stage at the time of publication: prEN IEC 63223 (series).

² To be published. Stage at the time of publication: FprEN IEC 62868-2 (series).

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 60068-2-6	2007	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	2008
IEC 60598-1 (mod)	2014	Luminaires - Part 1: General requirements and tests	EN 60598-1	2015
+ A1	2017		+ A1	2018
IEC 62504	-	General lighting - Light emitting diode (LED) products and related equipment - Terms and definitions	EN 62504	-
IEC TR 62854	2014	Sharp edge testing apparatus and test procedure for lighting equipment - Tests for sharpness of edge	-	-
IEC TS 62972	-	General lighting - Organic light emitting diode (OLED) products and related equipment - Terms and definitions	-	-
ISO 4046-4	2016	Paper, board, pulps and related terms - Vocabulary - Part 4: Paper and board grades and converted products	-	-

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IEC 62868-1

Edition 1.0 2020-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Organic light emitting diode (OLED) light sources for general lighting – Safety –
Part 1: General requirements and tests**

**Sources lumineuses à diodes électroluminescentes organiques (OLED)
destinées à l'éclairage général – Sécurité –
Partie 1: Exigences générales et essais**

INTERNATIONAL
ELECTROTECHNICAL
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ORGANIC LIGHT EMITTING DIODE (OLED) LIGHT
SOURCES FOR GENERAL LIGHTING – SAFETY –****Part 1: General requirements and tests**

FOREWORD

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International Standard IEC 62868-1 has been prepared by subcommittee 34A: Lamps, of IEC technical committee 34: Lamps and related equipment.

This first edition cancels and replaces IEC 62868 published in 2014.

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

FDIS	Report on voting
34A/2177/FDIS	34A/2185/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 62868 series, published under the general title *Organic light emitting diode (OLED) light sources for general lighting – Safety*, can be found on the IEC website.

In this document, the following print types are used:

- requirements: roman type,
- *test specifications: italic type*,
- notes: smaller roman type.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC web site under "<http://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.

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