

<b>STN</b>	<b>Svetelné zdroje z organických diód emitujúcich svetlo (OLED) na všeobecné osvetlenie</b> <b>Bezpečnosť</b> <b>Časť 1: Všeobecné požiadavky a skúšky</b> <b>Zmena A1</b>	<b>STN</b> <b>EN IEC</b> <b>62868-1/A1</b>  36 0588
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Organic light emitting diode (OLED) Light sources for general lighting - Safety - Part 1: General requirements and tests

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/25

STN EN IEC 62868-1 z februára 2022 sa bez tejto zmeny A1 môže používať do 30. 4. 2028.

Obsahuje: EN IEC 62868-1:2021/A1:2025, IEC 62868-1:2020/AMD1:2025

**140609**

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2025  
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii v znení neskorších predpisov.



EUROPEAN STANDARD

**EN IEC 62868-1:2021/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2025

ICS 29.140.99

English Version

**Organic light emitting diode (OLED) Light sources for general lighting - Safety - Part 1: General requirements and tests  
(IEC 62868-1:2020/AMD1:2025)**

Sources lumineuses à diodes électroluminescentes organiques (OLED) destinées à l'éclairage général - Sécurité - Partie 1: Exigences générales et essais  
(IEC 62868-1:2020/AMD1:2025)

Organische Licht emittierende Dioden (OLED) Lichtquellen für die Allgemeinbeleuchtung - Sicherheit - Teil 1: Allgemeine Anforderungen und Prüfungen  
(IEC 62868-1:2020/AMD1:2025)

This amendment A1 modifies the European Standard EN IEC 62868-1:2021; it was approved by CENELEC on 2025-03-31. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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.

This amendment 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.

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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/A1:2025 (E)****European foreword**

The text of document 34A/2421/FDIS, future edition 1 of IEC 62868-1/AMD1, 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/A1:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-04-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-04-30 document have to be withdrawn

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**Endorsement notice**

The text of the International Standard IEC 62868-1:2020/AMD1:2025 was approved by CENELEC as a European Standard without any modification.

## 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.cencenelec.eu](http://www.cencenelec.eu).

*Replace the following reference:*

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60598-1	2020	Luminaires - Part 1: General requirements and tests	EN IEC 60598-1	2021

*Add the following references:*

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60598	series	Luminaires	EN IEC 60598	series
IEC 60838-2-2	-	Miscellaneous lampholders - Part 2-2: Particular requirements - Connectors for LED-modules	EN 60838-2-2	-



IEC 62868-1

Edition 1.0 2025-02

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

AMENDMENT 1  
AMENDEMENT 1

**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**





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IEC 62868-1

Edition 1.0 2025-02

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

AMENDMENT 1  
AMENDEMENT 1

**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**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

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Amendment 1 to IEC 62868-1:2020 has been prepared by subcommittee 34A: Electric light sources, of IEC technical committee 34: Lighting.

The text of this Amendment is based on the following documents:

Draft	Report on voting
34A/2421/FDIS	34A/2433/RVD

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

IEC 62868-1:2020/AMD1:2025  
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The language used for the development of this Amendment 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](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications/](http://www.iec.ch/publications/).

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](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

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*Throughout the document, replace the term "product" with "light source" with the exception of the instances of the term "product" in the second and third columns of Table 1, and in the Normative references, where the term "product" is kept.*

*Throughout the document, replace "IEC 60598-1:2014 and IEC 60598-1:2014/AMD1:2017" with "IEC 60598-1:2020".*

## 1 Scope

*Replace the existing two paragraphs and notes with the following new paragraphs and notes:*

This part of IEC 62868 specifies general safety requirements of organic light emitting diode (OLED) light sources (tiles, panels and modules and OLED lamps) for use on DC supplies up to 1 000 V or AC supplies up to 1 000 V at 50 Hz or 60 Hz for indoors and similar general lighting purposes.

Where an appropriate part of the IEC 62868-2 series for an OLED light source does not exist, the applicable part with the nearest configuration of the IEC 62868-2 series can be used as a guide to the requirements and tests in conjunction with this document.

NOTE 1 The OLED lighting system consisting of OLED panels or modules is illustrated in Annex D.

NOTE 2 This document applies to OLED light sources (tiles, panels, modules and lamps), and it is intended so that the OLED light source in accordance with this document fits in the IEC 60598 series as a component of lighting equipment, in combination with other components.

## 2 Normative references

*Replace the existing reference to IEC 60598-1:2014 and IEC 60598-1:2014/AMD1:2017 with the following new reference:*

IEC 60598-1:2020, *Luminaires – Part 1: General requirements and tests*

*Add the following new references:*

IEC 60598 (all parts), *Luminaires*

IEC 60838-2-2, *Miscellaneous lampholders – Part 2-2: Particular requirements – Connectors for LED-modules*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**