

STN	Svetelné zdroje z organických diód emitujúcich svetlo (OLED) na všeobecné osvetlenie Bezpečnosť Časť 2-3: Ohybné dlaždice a panely OLED	STN EN IEC 62868-2-3 36 0588
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Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 2-3: Particular requirements - Flexible OLED tiles and panels

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. 01/22

Obsahuje: EN IEC 62868-2-3:2021, IEC 62868-2-3:2021

EUROPEAN STANDARD

EN IEC 62868-2-3

NORME EUROPÉENNE

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November 2021

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English Version

Organic light emitting diode (OLED) light sources for general
lighting - Safety - Part 2-3: Particular requirements - Flexible
OLED tiles and panels
(IEC 62868-2-3:2021)

Sources lumineuses à diodes électroluminescentes
organiques (OLED) destinées à l'éclairage général -
Sécurité - Partie 2-3: Exigences particulières - Dalles et
panneaux OLED flexibles
(IEC 62868-2-3:2021)

Organische Licht emittierende Dioden (OLED) für die
Allgemeinbeleuchtung - Sicherheit - Teil 2-3: Besondere
Anforderungen - Flexible OLED-Kacheln und -Paneele
(IEC 62868-2-3:2021)

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EN IEC 62868-2-3:2021 (E)**European foreword**

The text of document 34A/2254/FDIS, future edition 1 of IEC 62868-2-3, 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 62868-2-3:2021.

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) 2022-08-17
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Annex ZA (normative)

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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 61747-40-1	2019	Liquid crystal display devices - Part 40-1:- Mechanical testing of display cover glass for mobile devices - Guidelines		-
IEC 62504	-	General lighting - Light emitting diode (LED) products and related equipment - Terms and definitions	EN 62504	-
IEC 62715-6-3	2020	Flexible display devices - Part 6-3:- Mechanical stress test methods - Impact and hardness tests		-
IEC 62868-1	2020	Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 1: General requirements and tests	EN IEC 62868-1	2021
IEC/TS 62972	2016	General lighting - Organic light emitting- diode (OLED) products and related equipment - Terms and definitions		-



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Edition 1.0 2021-10

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Organic light emitting diode (OLED) light sources for general lighting – Safety –
Part 2-3: Particular requirements – Flexible OLED tiles and panels**

**Sources lumineuses à diodes électroluminescentes organiques (OLED)
destinées à l'éclairage général – Sécurité –
Partie 2-3: Exigences particulières – Dalles et panneaux OLED flexibles**

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Organic light emitting diode (OLED) light sources for general lighting – Safety –
Part 2-3: Particular requirements – Flexible OLED tiles and panels**

**Sources lumineuses à diodes électroluminescentes organiques (OLED)
destinées à l'éclairage général – Sécurité –
Partie 2-3: Exigences particulières – Dalles et panneaux OLED flexibles**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ORGANIC LIGHT EMITTING DIODE (OLED) LIGHT
SOURCES FOR GENERAL LIGHTING – SAFETY –****Part 2-3: Particular requirements – Flexible OLED tiles and panels**

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IEC 62868-2-3 has been prepared by subcommittee 34A: Electric light sources, of IEC technical committee 34: Lighting. It is an International Standard.

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

Draft	Report on voting
34A/2254/FDIS	34A/2261/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 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.

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ORGANIC LIGHT EMITTING DIODE (OLED) LIGHT SOURCES FOR GENERAL LIGHTING – SAFETY –

Part 2-3: Particular requirements – Flexible OLED tiles and panels

1 Scope

This part of IEC 62868 specifies the safety requirements for flexible organic light emitting diode tiles and panels for use on supplies up to 120 V ripple free DC for indoor and similar general lighting purposes and designed for being bent during the manufacturing process of curved luminaires.

2 Normative references

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IEC 62504, *General lighting – Light emitting diode (LED) products and related equipment – Terms and definitions*

IEC 62715-6-3:2020, *Flexible display devices – Part 6-3: Mechanical test methods – Impact and hardness tests*

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

IEC TS 62972:2016, *General lighting – Organic light emitting diode (OLED) products and related equipment – Terms and definitions*

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