

<b>STN</b>	<b>Svetelné zdroje z organických diód emitujúcich svetlo (OLED) na všeobecné osvetlenie</b> <b>Bezpečnosť</b> <b>Časť 2-4: Osobitné požiadavky</b> <b>Tuhé dlaždice a panely OLED</b>	<b>STN</b> <b>EN IEC 62868-2-4</b>  36 0588
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Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 2-4: Particular requirements - Rigid 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. 07/25

Obsahuje: EN IEC 62868-2-4:2025, IEC 62868-2-4:2025

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EUROPEAN STANDARD

**EN IEC 62868-2-4**

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2025

ICS 29.140.99

English Version

Organic light emitting diode (OLED) light sources for general  
lighting - Safety - Part 2-4: Particular requirements - Rigid OLED  
tiles and panels  
(IEC 62868-2-4:2025)

Sources lumineuses à diodes électroluminescentes  
organiques (OLED) destinées à l'éclairage général -  
Sécurité - Partie 2-4: Exigences particulières - Dalles et  
panneaux OLED rigides  
(IEC 62868-2-4:2025)

Organische Licht emittierende Dioden (OLED) für die  
Allgemeinbeleuchtung - Sicherheit - Teil 2-4: Besondere  
Anforderungen - Starre OLED-Kacheln und -Paneele  
(IEC 62868-2-4:2025)

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**EN IEC 62868-2-4:2025 (E)****European foreword**

The text of document 34A/2425/FDIS, future edition 1 of IEC 62868-2-4, 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 62868-2-4:2025.

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

Publication	Year	Title	EN/HD	Year
IEC 62504	-	General lighting - Light emitting diode (LED) products and related equipment - Terms and definitions	EN 62504	-
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
+ AMD1	2025		+A1	2025
IEC/TS 62972	-	General lighting - Organic light emitting diode (OLED) products and related equipment - Terms and definitions	-	-



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Edition 1.0 2025-02

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

**Organic light emitting diode (OLED) light sources for general lighting – Safety –  
Part 2-4: Particular requirements – Rigid OLED tiles and panels**

**Sources lumineuses à diodes électroluminescentes organiques (OLED)  
destinées à l'éclairage général – Sécurité –  
Partie 2-4: Exigences particulières – Dalles et panneaux OLED rigides**



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Edition 1.0 2025-02

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

**Organic light emitting diode (OLED) light sources for general lighting – Safety –  
Part 2-4: Particular requirements – Rigid OLED tiles and panels**

**Sources lumineuses à diodes électroluminescentes organiques (OLED)  
destinées à l'éclairage général – Sécurité –  
Partie 2-4: Exigences particulières – Dalles et panneaux OLED rigides**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ORGANIC LIGHT EMITTING DIODE (OLED) LIGHT  
SOURCES FOR GENERAL LIGHTING – SAFETY –****Part 2-4: Particular requirements – Rigid OLED tiles and panels**

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IEC 62868-2-4 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/2425/FDIS	34A/2435/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](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).

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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- reconfirmed,
- withdrawn, or
- revised.

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

### **Part 2-4: Particular requirements – Rigid OLED tiles and panels**

#### **1 Scope**

This part of IEC 62868 specifies the safety requirements for rigid organic light emitting diode (OLED) tiles and panels for use on supplies up to 120 V ripple free DC for indoor and similar general lighting purposes.

NOTE The construction of OLED tiles and panels is illustrated in Annex A.

#### **2 Normative references**

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.

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

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/AMD1:2024

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

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