



**SLOVENSKI STANDARD**  
**SIST EN IEC 62868-2-1:2022**

**01-januar-2022**

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**Organska svetleča dioda (OLED), svetlobni viri za splošno razsvetljavo - Varnost - 2-1. del: Posebne zahteve - Polintegrirani moduli OLED (IEC 62868-2-1:2020)**

Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 2-1: Particular requirements - semi-integrated OLED modules (IEC 62868-2-1:2020)

Organische Licht emittierende Dioden (OLED) Lichtquellen für die Allgemeinbeleuchtung - Sicherheit - Teil 2-1: Besondere Anforderungen - Halbintegrierte OLED-Module (IEC 62868-2-1:2020)

Sources lumineuses à diodes électroluminescentes organiques (OLED) destinées à l'éclairage général - Sécurité - Partie 2-1 - Exigences particulières - Modules OLED semi-intégrés (IEC 62868-2-1:2020)

**Ta slovenski standard je istoveten z: EN IEC 62868-2-1:2021**

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**ICS:**

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

**EN IEC 62868-2-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2021

ICS 29.140.99

English Version

Organic light emitting diode (OLED) light sources for general  
lighting - Safety - Part 2-1: Particular requirements - semi-  
integrated OLED modules  
(IEC 62868-2-1:2020)

Sources lumineuses à diodes électroluminescentes  
organiques (OLED) destinées à l'éclairage général -  
Sécurité - Partie 2-1 : Exigences particulières - Modules  
OLED semi-intégrés  
(IEC 62868-2-1:2020)

Organische Licht emittierende Dioden (OLED) Lichtquellen  
für die Allgemeinbeleuchtung - Sicherheit - Teil 2-1:  
Besondere Anforderungen - Halbintegrierte OLED-Module  
(IEC 62868-2-1:2020)

This European Standard was approved by CENELEC on 2020-09-16. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 European Standard 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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 62868-2-1:2021 (E)****European foreword**

The text of document 34A/2192/FDIS, future edition 1 of IEC 62868-2-1, 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 62868-2-1:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2022-05-05 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2024-11-05 document have to be withdrawn

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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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The text of the International Standard IEC 62868-2-1:2020 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.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60598-1 (mod)	2014	Luminaires - Part 1: General requirements and tests	EN 60598-1	2015
+ A1	2017		+ A1	2018
IEC 60838-2-2	-	Miscellaneous lampholders - Part 2-2: Particular requirements - Connectors for LED-modules	EN 60838-2-2	-
IEC 61347-1	2015	Lamp controlgear - Part 1: General and safety requirements	EN 61347-1	2015
+ A1	2017		+ A1	2021
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
IEC/TS 62972	-	General lighting - Organic light emitting diode (OLED) products and related equipment - Terms and definitions	-	-

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# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Organic light emitting diode (OLED) light sources for general lighting – Safety –  
Part 2-1: Particular requirements – Semi-integrated OLED modules**

**Sources lumineuses à diodes électroluminescentes organiques (OLED)  
destinées à l'éclairage général – Sécurité –  
Partie 2-1: Exigences particulières – Modules OLED semi-intégrés**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**ORGANIC LIGHT EMITTING DIODE (OLED) LIGHT SOURCES FOR GENERAL LIGHTING – SAFETY –**
**Part 2-1: Particular requirements – Semi-integrated OLED modules****FOREWORD**

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International Standard IEC 62868-2-1 has been prepared by subcommittee 34A: Electric light sources, of IEC technical committee 34: Lighting.

IEC 62868-2-1 has been prepared in parallel with IEC 62868-2-2.

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

FDIS	Report on voting
34A/2192/FDIS	34A/2199/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 type is used:

– *compliance statements: in italic type.*

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website 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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