ORGAANVALGUSDIOODVALGUSALLIKAD (ORGAANLEEDVALGUSALLIKAD) ÜLDTARBEVALGUSTUSEKS. OHUTUS. OSA 2-2: ERINÕUDED. KOMPAKTSED ORGAANLEEDMOODULID

Organic light emitting diode (OLED) light sources for general lighting - Safety - Part 2-2: Particular requirements - Integrated OLED modules

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 62868-2-2:2021 sisaldab Euroopa standardi EN IEC 62868-2-2:2021 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 62868-2-2:2021 consists of the English text of the European standard EN IEC 62868-2-2:2021.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 05.11.2021.	Date of Availability of the European standard is 05.11.2021.
Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.	The standard is available from the Estonian Centre for Standardisation and Accreditation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 29.140.99

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 62868-2-2

November 2021

ICS 29.140.99

English Version

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

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

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

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Ref. No. EN IEC 62868-2-2:2021 E

European foreword

The text of document 34A/2193/FDIS, future edition 1 of IEC 62868-2-2, 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 62868-2-2:2021.

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

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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.

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Endorsement notice

The text of the International Standard IEC 62868-2-2:2020 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 62384 NOTE Harmonized as EN IEC 62384

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.

Publication	Year	Title	EN/HD	Year
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	-	-

IEC 62868-2-2

Edition 1.0 2020-08

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

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

IEC 62868-2-2:2020-08(en-fr)

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IEC 62868-2-2

Edition 1.0 2020-08

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

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

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 29.140.99

ISBN 978-2-8322-8760-6

CONTENTS

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

Part 2-2: Particular requirements – Integrated OLED modules

FOREWORD

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

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

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

FDIS	Report on voting
34A/2193/FDIS	34A/2200/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.

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

Part 2-2: Particular requirements – Integrated OLED modules

1 Scope

This part of IEC 62868 specifies the safety requirements for integrated organic light-emitting diode (OLED) modules for use on ripple free DC supplies up to 1 000 V or AC supplies up to 1 000 V RMS at 50 Hz or 60Hz.

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 60598-1:2014, *Luminaires – Part 1: General requirements and tests*
IEC 60598-1:2014/AMD1:2017

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

IEC 61347-1:2015, *Lamp controlgear – Part 1: General and safety requirements*
IEC 61347-1:2015/AMD1:2017

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

3 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 62504, IEC 62868-1 and IEC TS 62972 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at http://www.electropedia.org/
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