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

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CONTENTS

FOREWORD 3
1 Scope 5
2 Normative references 5
3 Terms and definitions 5
4 General 6
4.1 General requirements 6
4.2 General test requirements 6
~~4.3 Other requirements~~ .....
5 Marking 6
5.1 Contents and location 6
5.2 Durability and legibility of marking 7
6 Construction 7
7 Mechanical hazard 7
8 Fault conditions 7
9 Insulation resistance and electric strength after humidity treatment 7
9.1 General requirements 7
9.2 Insulation resistance 7
9.3 Electric strength 7
10 Thermal stress 8
11 Creepage distances and clearances 8
12 Resistance to heat and fire 8
12.1 Resistance to heat 8
12.2 Resistance to flame and ignition 8
13 Photobiological safety 8
14 Terminals 8
15 Information for luminaire design 9
16 Protection against accidental contact with live parts 9
17 Screws, current-carrying parts and connections 9
18 Resistance to corrosion 9
19 Provisions for protective earthing 9
Annex A (informative) Examples of integrated OLED modules 10
Annex B (informative) Classification of OLED modules 12
B.1 Power supply classification 12
B.2 Installation method classification 12
Bibliography 13

Figure A.1 – Independent OLED module for luminaire 10
Figure A.2 – Built-in OLED module for lighting 11

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

Part 2-2: Particular requirements – Integrated OLED modules

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In this Redline version, a vertical line in the margin shows where the technical content is modified by amendment 1. Additions are in green text, deletions are in strikethrough red text. A separate Final version with all changes accepted is available in this publication.

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.

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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.

NOTE 1 The classification of OLED modules is given in Annex B.

NOTE 2 The examples of integrated OLED modules are shown in Annex A.

NOTE 3 The classification of OLED modules according to the power supply method is illustrated in IEC 62868.1:2020, Annex D and IEC 62868-1:2020/AMD1:2024, Annex D.

NOTE 4 The flexible OLED tiles or panels, or the OLED tiles or panels complying with this document are deemed to comply with the requirements of IEC 62868-2-3 or IEC 62868-2-4, unless otherwise specified in this document.

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 62868-1:2020/AMD1:2024

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

CONTENTS

FOREWORD 3
1 Scope 5
2 Normative references 5
3 Terms and definitions 5
4 General 6
4.1 General requirements 6
4.2 General test requirements 6
5 Marking 6
5.1 Contents and location 6
5.2 Durability and legibility of marking 6
6 Construction 7
7 Mechanical hazard 7
8 Fault conditions 7
9 Insulation resistance and electric strength after humidity treatment 7
9.1 General requirements 7
9.2 Insulation resistance 7
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10 Thermal stress 7
11 Creepage distances and clearances 8
12 Resistance to heat and fire 8
12.1 Resistance to heat 8
12.2 Resistance to flame and ignition 8
13 Photobiological safety 8
14 Terminals 8
15 Information for luminaire design 8
16 Protection against accidental contact with live parts 8
17 Screws, current-carrying parts and connections 8
18 Resistance to corrosion 8
19 Provisions for protective earthing 8
Annex A (informative) Examples of integrated OLED modules 9
Annex B (informative) Classification of OLED modules 11
B.1 Power supply classification 11
B.2 Installation method classification 11
Bibliography 12

Figure A.1 – Independent OLED module for luminaire 9
Figure A.2 – Built-in OLED module for lighting 10

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Part 2-2: Particular requirements – Integrated OLED modules

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