

SLOVENSKI STANDARD SIST EN 62922:2017

01-april-2017

Plošče z organskimi svetlečimi diodami (OLED) za splošno razsvetljavo - Zahtevane lastnosti (IEC 62922:2016)

Organic light emitting diode (OLED) panels for general lighting - Performance requirements (IEC 62922:2016)

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Ta slovenski standard je istoveten SIST EN 63922:2017 https://standards.iien.ai/catalog/standards/sist/39129343-b824-4524-

ba98-83b8ab0f8cba/sist-en-62922-2017

ICS:

29.140.99 Drugi standardi v zvezi z

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SIST EN 62922:2017

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EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM EN 62922

February 2017

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English Version

Organic light emitting diode (OLED) panels for general lighting Performance Requirements (IEC 62922:2016)

Panneaux à diodes électroluminescentes organiques (OLED) destinés à l'éclairage général - Exigences de performance (IEC 62922:2016)

Organische-Licht-emittierende-Dioden- (OLED-) Panels -Anforderungen an die Arbeitsweise (IEC 62922:2016)

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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.

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European Committee for Electrotechnical Standardization Comité Européen de Normalisation Electrotechnique Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 62922:2017

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European foreword

The text of document 34A/1942/FDIS, future edition 1 of IEC 62922, prepared by SC 34A "Lamps" of IEC/TC 34 "Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62922:2017.

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)	2017-09-23
•	latest date by which the national	(dow)	2019-12-23

 latest date by which the national standards conflicting with the document have to be withdrawn

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Endorsement notice

The text of the International Standard IEC 62922:2016 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60068-2-20:2008 NOTE Harmonized as EN 60068-2-20:2008 (not modified).

IEC 60068-2-21:2006 NOTE Harmonized as EN 60068-2-21:2006 (not modified).

IEC 60749-14:2003 NOTE Harmonized as EN 60749-14:2003 (not modified).

IEC 61747-10-1:2013 NOTE-83b8alHarmonized as EN 61747-10-1:2013 (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
IEC 60050-845	-	International Electrotechnical Vocabulary (IEV) - Chapter 845: Lighting	-	-
IEC 62868	-	Organic light emitting diode (OLED) panels for general lighting - Safety requirements	EN 62868	-
IEC/TR 62732	- iT (Three-digit code for designation of colour rendering and correlated colour temperature (Carcas Len a)	EW	-
IEC/TS 62972	- https://	General lighting - Organic light emitting diode (QLED) products and related 343-b8 equipment 5 Terms and definitions 2017	- 24-4524-	-
ISO 11664-5/ CIE S 014-5/E	2009	Colorimetry - Part 5: CIE 1976 L*u*v* Colour space and u', v' uniform chromaticity scale diagram	EN ISO 11664-5	2011 1
CIE 013.3	1995	Method of measuring and specifying colourendering properties of light source	r-	-
CIE TN 001	2014	Chromaticity difference specification for light source	-	-

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¹ Superseded by EN ISO 11664-5:2016 (SO/CIE 11664-5:2016).

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NORME INTERNATIONALE



Organic light emitting diode (OLED) panels for general lighting – Performance requirements (standards.iteh.ai)

Panneaux à diodes électroluminescentes organiques (OLED) destinés à l'éclairage général ... Exigences de performance 129343-b824-4524-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ORGANIC LIGHT EMITTING DIODE (OLED) PANELS FOR GENERAL LIGHTING – PERFORMANCE REQUIREMENTS

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International Standard IEC 62922 has been prepared by subcommittee 34A: Lamps, of IEC technical committee 34: Lamps and related equipment.

The text of this standard is based on the following documents:

FDIS	Report on voting
34A/1942/FDIS	34A/1956/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.

In this standard, the following print types are used:

requirements: roman type,

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- 5 -

- test specifications: italic type,
- notes: smaller roman 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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ORGANIC LIGHT EMITTING DIODE (OLED) PANELS FOR GENERAL LIGHTING – PERFORMANCE REQUIREMENTS

1 Scope

This document specifies the performance requirements of OLED tiles and panels for use on DC supplies up to 120 V or AC supplies up to 50 V at 50 Hz or 60 Hz for indoor and similar general lighting purposes.

NOTE In this current edition, life (life time and maintained values) is not addressed. This is intended to be covered in a future amendment.

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 60050-845, International Electrotechnical Vocabulary. Lighting (available at http://www.electropedia.org) STANDARD PREVIEW

IEC 62868, Organic light emitting diode (OLED) changes for general lighting - Safety requirements

SIST EN 62922:2017

IEC TR 62732, Three-digita-code for idesignation of colour 4endering and correlated colour temperature ba98-83b8ab0f8cba/sist-en-62922-2017

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

ISO 11664-5/CIE S 014-5/E:2009, Colorimetry – Part 5: CIE 1976 L*u*v* Colour space and u', v' uniform chromaticity scale diagram

CIE 013.3:1995, Method of measuring and specifying colour rendering properties of light sources

CIE TN 001:2014, Chromaticity difference specification for light source

3 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 60050-845, IEC TS 62972 and IEC 62868 as well as 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/
- ISO Online browsing platform: available at http://www.iso.org/obp

3.1

test voltage

input voltage at which tests are carried out