# Organic light emitting diode (OLED) panels for general lighting - Performance requirements

EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD



| | |
|---|---|
| See Eesti standard EVS-EN 62922:2017 sisaldab Euroopa standardi EN 62922:2017 ingliskeelset teksti. | This Estonian standard EVS-EN 62922:2017 consists of the English text of the European standard EN 62922:2017. |
| 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. |
| Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 17.02.2017. | Date of Availability of the European standard is 17.02.2017. |
| Standard on kättesaadav Eesti Standardikeskusest. | The standard is available from the Estonian Centre for Standardisation. |

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 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)

This European Standard was approved by CENELEC on 2016-12-23. 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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, 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: Avenue Marnix 17, B-1000 Brussels**



Ref. No. EN 62922:2017 E

## 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 standards conflicting with the document have to be withdrawn | (dow) | 2019-12-23 |

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

## 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 | Harmonized 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

| Publication | Year | Title | EN/HD | Year |
|---|---|---|---|---|
| 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 | - | Three-digit code for designation of colour rendering and correlated colour temperature | - | - |
| 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 | EN ISO 11664-5 | 2011 [1] |
| CIE 013.3 | 1995 | Method of measuring and specifying colour rendering properties of light source | - | - |
| CIE TN 001 | 2014 | Chromaticity difference specification for light source | - | - |

[1] Superseded by EN ISO 11664-5:2016 (SO/CIE 11664-5:2016).

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