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| STN | Triedenie LED (LED-binning). Časť 1: Všeobecné požiadavky a súradnicová mriežka bielej farby. | STN EN 62707-1 36 0586 |
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Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/14

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NORME EUROPÉENNE
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EN 62707-1

March 2014

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English version

**LED-binning -
Part 1: General requirements and white colour grid
(IEC 62707-1:2013)**

Tri des LED -
Partie 1: Exigences générales et matrice
de couleur blanche
(CEI 62707-1:2013)

LED-Binning -
Allgemeine Anforderungen und
Weißfelder
(IEC 62707-1:2013)

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Foreword

The text of document 34A/1702/FDIS, future edition 1 of IEC 62707-1, 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 62707-1:2014.

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) 2014-10-16
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- | | | |
|-------------|------|-------------------------------|
| ISO 11664-1 | NOTE | Harmonized as EN ISO 11664-1. |
| ISO 11664-5 | NOTE | Harmonized as EN ISO 11664-5. |

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| <u>Publication</u> | <u>Year</u> | <u>Title</u> | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|--|--------------|-------------|
| IEC/TS 62504 | - | General lighting - LEDs and LED modules - Terms and definitions | - - | - |



IEC 62707-1

Edition 1.0 2013-12

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**LED-binning –
Part 1: General requirements and white colour grid**

**Tri des LED –
Partie 1: Exigences générales et matrice de couleur blanche**





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Part 1: General requirements and white colour grid**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LED-BINNING –

Part 1: General requirements and white colour grid

FOREWORD

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International Standard IEC 62707-1 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/1702/FDIS | 34A/1736/RVD |

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This first edition cancels and replaces IEC/PAS 62707-1, published in 2011.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 62707 series, published under the general title *LED-binning*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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LED-BINNING –

Part 1: General requirements and white colour grid

1 Scope

This part of IEC 62707 specifies general requirements, a grid and a corresponding code for the colour binning of white LED packages emitting incoherent, visible radiation. It applies for LED packages.

Other parts of the IEC 62707 series covering chromaticity of coloured LED packages, luminous flux/luminous intensity, colour rendering and forward voltage are in preparation or under consideration.

NOTE 1 This International Standard does not apply for LED modules, LED lamps and LED luminaires.

NOTE 2 Even though the words "white light" are used, the purpose of this International Standard is not to define "white light", but to specify a grid and a corresponding colour code for the colour binning of white LED packages emitting incoherent, visible radiation. The area covered by the grid may differ from the definition of white light given in other standards or regulations.

2 Normative references

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.

IEC/TS 62504, *General lighting – LEDs and LED modules – Terms and definitions*

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