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**Zaslon LCD z osvetlitvijo ozadja - 1-2. del: Terminologija in črkovni simboli**

LCD backlight unit - Part 1-2: Terminology and letter symbols

LCD-Hinterleuchtungseinheiten - Teil 1-2: Begriffsbestimmungen und Kurzzeichen

Ecran LCD à rétro-éclairage - Partie 1-2: Terminologie et symboles littéraux

**Ta slovenski standard je istoveten z: EN 62595-1-2:2012**[SIST EN 62595-1-2:2012](https://standards.iteh.ai/catalog/standards/sist/5c621880-1a61-4b48-9713-33d453ccdab7/sist-en-62595-1-2-2012)<https://standards.iteh.ai/catalog/standards/sist/5c621880-1a61-4b48-9713-33d453ccdab7/sist-en-62595-1-2-2012>**ICS:**

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**LCD backlight unit -  
Part 1-2: Terminology and letter symbols  
(IEC 62595-1-2:2011)**

Ecran LCD à rétro-éclairage -  
Partie 1-2 : Terminologie et symboles  
littéraux  
(CEI 62595-1-2:2011)

LCD-Hinterleuchtungseinheiten -  
Teil 1-2: Begriffsbestimmungen und  
Kurzzeichen  
(IEC 62595-1-2:2011)

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

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 110/275/CDV, future edition 1 of IEC 62595-1-2, prepared by IEC TC 110, "Flat panel display devices" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62595-1-2:2012.

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) 2012-10-18
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-01-18

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## **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 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 60050	Series	International electrotechnical vocabulary	-	-

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# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

LCD backlight unit –  
Part 1-2: Terminology and letter symbols

Écran LCD à rétro-éclairage –  
Partie 1-2: Terminologie et symboles littéraux

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## LCD BACKLIGHT UNIT –

## Part 1-2: Terminology and letter symbols

## FOREWORD

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International Standard IEC 62595-1-2 has been prepared by IEC technical committee 110: Flat panel display devices.

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

CDV	Report on voting
110/275/CDV	110/323/RVC

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

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

A list of all the parts in the IEC 62595 series, under the general title *LCD Backlight Unit*, 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

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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## LCD BACKLIGHT UNIT –

### Part 1-2: Terminology and letter symbols

#### 1 Scope

This part of IEC 62595 gives preferred terms, their definitions and symbols for backlight unit (BLU) and related display panel lighting systems including frontlight; with the object of using the same terminology when publications are prepared in different countries.

#### 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 60050 (all parts), *International Electrotechnical Vocabulary* (available at <http://www.electropedia.org>)

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#### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 60050-845:1987<sup>1</sup> and the following apply.

<https://standards.iteh.ai/catalog/standards/sist/5c621880-1a61-4b48-9713-33d453ccdab7/sist-en-62595-1-2-2012>

##### 3.1 Classification of terms

Terms for backlight units (BLUs) are classified as follows:

- a) fundamental terms;
- b) terms related to passive optical components;
- c) terms related to light sources ;
- d) terms related to light source drivers;
- e) terms related to frontlight unit;
- f) terms related to performances and specifications ;
- g) terms related to backlight dimming.

The following definitions are applied for international standardization of the backlight units.

##### 3.2 Fundamental terms

###### 3.2.1

###### backlight unit

###### BLU

illumination unit (arbitrary shape) with unique optical characteristics that is set at the rear of a transmissive or transfective display panel for the purpose of image recognition on the panel

Note 1 to entry: For an example, see Figure A.1.

<sup>1</sup> Identical to CIE 17.4.