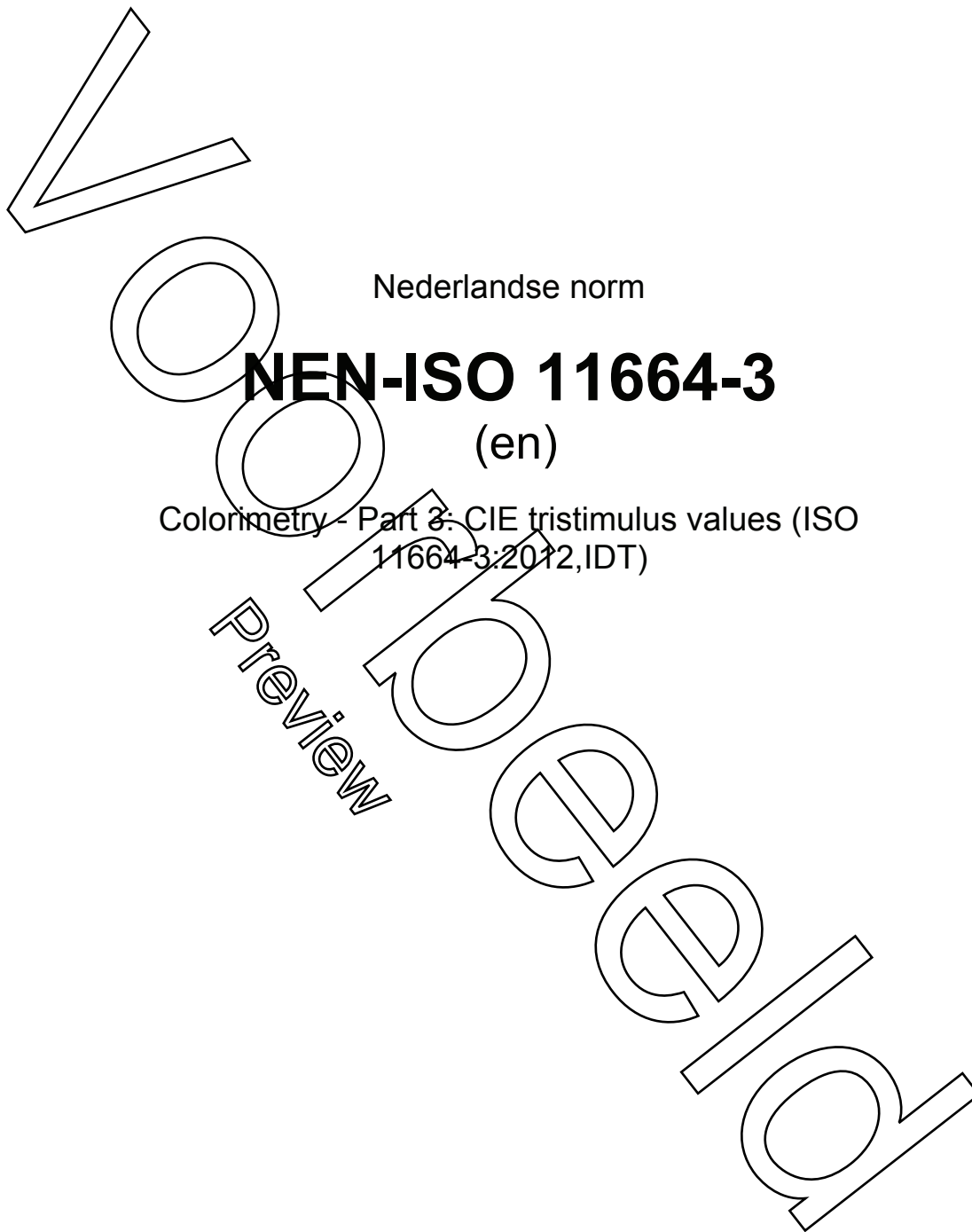


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Nederlandse norm

NEN-ISO 11664-3

(en)

Colorimetry - Part 3: CIE tristimulus values (ISO 11664-3:2012, IDT)

ICS 17.180.20

april 2012

Als Nederlandse norm is aanvaard:

- ISO 11664-3:2012.IDT

VOORBEELD
Preview

Normcommissie 381029 "Coding of audio, picture, multimedia..."



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Colorimetry —
Part 3:
CIE tristimulus values

*Colorimétrie —
Partie 3: Composantes trichromatiques CIE*

Preview



Reference number
ISO 11664-3:2012(E)
CIE S 014-3/E:2011

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

ISO 11664-3 was prepared as Standard CIE S 014-3/E by the International Commission on Illumination, which has been recognized by the ISO Council as an international standardizing body. It was adopted by ISO under a special procedure which requires approval by at least 75 % of the member bodies casting a vote, and is published as a joint ISO/CIE edition.

The International Commission on Illumination (abbreviated as CIE from its French title) is an organization devoted to international cooperation and exchange of information among its member countries on all matters relating to the science and art of lighting.

ISO 11664-3 was prepared by CIE Technical Committee 1-57 of Division: *Vision and colour*.

ISO 11664 consists of the following parts, under the general title *Colorimetry*:

- Part 1: CIE standard colorimetric observers
- Part 2: CIE standard illuminants
- Part 3: CIE tristimulus values
- Part 4: CIE 1976 L*a*b* Colour space
- Part 5: CIE 1976 L*u*v* Colour space and u'v' uniform chromaticity scale diagram

Voorbereid
Preview



Standard

COMMISSION INTERNATIONALE DE L'ÉCLAIRAGE
INTERNATIONAL COMMISSION ON ILLUMINATION
INTERNATIONALE BELEUCHTUNGSKOMMISSION

CIE S 014-3/E:2011

Colorimetry - Part 3: CIE Tristimulus Values

Colorimétrie - Partie 3: Composantes trichromatiques CIE

Farbmessung - Teil 3: CIE-Farbwerte

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Kegelgasse 27, A-1030 Vienna, Austria

CIE S 014-3/E:2011

UDC: 535.65:006
535.643.2

Descriptor: Standardisation of colour measurement
Standard colorimetric systems

Preview

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Foreword

Standards produced by the Commission Internationale de l'Eclairage are concise documents on aspects of light and lighting that require a unique definition. They are a primary source of internationally accepted and agreed data which can be taken, essentially unaltered, into universal standard systems.

This CIE Standard has been prepared by Technical Committee TC 1-57* of Division 1 "Vision and Colour" of the Commission Internationale de l'Eclairage and approved by the National Committees of the CIE.

The following ISO and IEC committees and working groups co-operated in the preparation of this standard:

- IEC TC100/TA2 (Audio, video and multimedia systems)
- ISO TC6 (Paper, board and pulps)
- ISO TC35/SC9/WG22 (Paints and varnishes)
- ISO TC38/SC1/WG7 (Textiles)
- ISO TC42 (Photography)
- ISO TC130 (Graphic technology)
- ISO/IEC/JTC1/SC28 (Office systems)

* The chairperson of this TC was A.R. Robertson (CA), members were: P.J. Alessi (US), J. Campos Acosta (ES), R. Connelly (US), J.-F. Decarreau (FR), R. Harold (US), R. Hirschler (HU), B. Jordan (CA), C. Kim (KR), D. McDowell (US), P. McGinley (AU), Y. Ohno (US), M.R. Pointer (GB), K. Richter (DE), G. Rösler (DE), J.D. Schanda (HU), R. Sève (FR), K. Witt (DE), H. Yaguchi (JP), J. Zwinkels (CA).

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