



Nederlandse norm

NEN-ISO 11664-1

(en)

Colorimetry - Part 4: CIE standard colorimetric observers (ISO 11664-1:2008, IDT)

Vervangt NEN-ISO 10527:2007

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Colorimetry —
Part 1:
CIE standard colorimetric observers

*Colorimétrie —
Partie 1: Observateurs CIE de référence pour la colorimétrie*

Preview



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Foreword

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ISO 11664-1 was prepared as Standard CIE S 014-1/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 11664-1 was prepared by CIE Division 2 *Physical measurement of light and radiation*.

ISO 11664-1 was initially published by ISO as ISO 10527:2007, and has subsequently been renumbered to be part 1 of the ISO 11664 series.

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

- *Part 1: CIE standard colorimetric observers* [published previously as ISO 10527:2007, which has been cancelled]
- *Part 2: CIE standard illuminants* [published previously as ISO 10526:2007, which has been cancelled]
- *Part 4: CIE 1976 L*a*b* Colour space*

Voorbereid
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CIE S 014-1/E:2006



Standard

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

Colorimetry - Part 1: CIE Standard Colorimetric Observers

Colorimétrie - Partie 1: Observateurs de référence colorimétriques CIE

Farbmessung - Teil 1: CIE farbmetrische Normalbeobachter

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CIE S 014-1/E:2006

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Descriptor: Colorimetry, reference data

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FOREWORD

Standards produced by the Commission Internationale de l'Eclairage (CIE) are a concise documentation of data defining aspects of light and lighting, for which international harmony requires such unique definition. CIE Standards are therefore a primary source of internationally accepted and agreed data, which can be taken, essentially unaltered, into universal standard systems.

This CIE Standard replaces ISO/CIE 10527:1991 and was approved by the CIE Board of Administration and the National Committees of the CIE. This CIE Standard has been prepared by CIE Division 2 "Physical measurement of light and radiation".

This standard contains only minor changes from the previous standard, in particular the values in the tables of the colour matching functions and chromaticity coordinates of the CIE 1931 and 1964 standard colorimetric observers are identical with the previous standard, but it has now been clarified that they apply for standard air.

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