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Colorimetry

Part 2: CIE standard illuminants

(ISO 11664-2:2007, corrected version 2008-11-01)

Farbmetrik — Teil 2: CIE Normlichtarten

(ISO 11664-2:2007, korrigierte Fassung 2008-11-01)

Colorimétrie — Partie 2: Illuminants CIE normalisés

(ISO 11664-2:2007, version corrigée 2008-11-01)

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Colorimetry - Part 2: CIE standard illuminants
(ISO 11664-2:2007)

Colorimétrie - Partie 2: Illuminants CIE normalisés
(ISO 11664-2:2007)

Farbmetrik - Teil 2: CIE Normlichtarten
(ISO 11664-2:2007)

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Foreword

The text of ISO 11664-2:2007 has been prepared by Technical Committee CIE “International Commission on Illumination” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 11664-2:2011 by Technical Committee CEN/TC 139 “Paints and varnishes” the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2011, and conflicting national standards shall be withdrawn at the latest by October 2011.

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Endorsement notice

The text of ISO 11664-2:2007 has been approved by CEN as a EN ISO 11664-2:2011 without any modification.

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Colorimetry — **Part 2:** **CIE standard illuminants**

Colorimétrie —

Partie 2: Illuminants CIE normalisés



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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 11664-2 was prepared as Standard CIE S 014-2/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.

International Standard ISO 11664-2 was prepared by CIE Technical Committee 2-33 *Reformulation of CIE Standard Illuminants A and D65*.

ISO 11664-2 was initially published by ISO as ISO 10526:2007, and has subsequently been renumbered to be part 2 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*

