

# Colorimetry - Part 2: CIE standard illuminants

ICS 17.180.20

# National foreword

This British Standard is the UK implementation of EN ISO 11664-2:2011. It is identical to ISO 11664-2:2007. It supersedes BS ISO 10526:2007 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CPL/34, Lamps and Related Equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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## Amendments/corrigenda issued since publication

| Date              | Comments                                                               |
|-------------------|------------------------------------------------------------------------|
| 30 September 2011 | This corrigendum renumbers BS ISO 10526:2007 as BS EN ISO 11664-2:2011 |
|                   |                                                                        |
|                   |                                                                        |
|                   |                                                                        |

English Version

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)

This European Standard was approved by CEN on 17 March 2011.

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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of an identical text or by endorsement, at the latest by October 2011, and conflicting national standards shall be withdrawn at the latest by October 2011.

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INTERNATIONAL COMMISSION ON ILLUMINATION  
INTERNATIONALE BELEUCHTUNGSKOMMISSION

Standard

# Colorimetry - Part 2: CIE Standard Illuminants

Colorimétrie - Partie 2: Illuminants normalisés CIE

Farbmessung - Teil 2: CIE Normlichtarten

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Standard colorimetric system

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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 10526:1999/CIE S005:1998 and was approved by the CIE Board of Administration and the National Committees of the CIE. It contains only minor changes from the previous standard, which was prepared by CIE Technical Committee 2-33, "Reformulation of CIE Standard Illuminants A and D65" \*).

The numerical values of the relative spectral distributions of standard illuminants A and D65 defined by this Standard are the same, within an accuracy of six significant digits, as those defined in earlier versions of these illuminants.

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