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CIE 013.3-1995 Method of measuring and specifying colour rendering properties of light sources

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Abbreviation

CIE 013.3-1995

Valid from

01/01/1995

Information provider

TechStreet

Author

Commission Internationale de L'Eclairage

Information type

Other Standard

Format

PDF

Cited By

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Description

The CIE recommended in 1965 the procedure of measuring and specifying colour rendering properties of light sources, based on a test colour sample method. This method was updated in 1974 taking the chromatic adaptation shift into account. During the past 20 years several misprints were observed and corrected reprints were published from time to time. CIE 13.3-1995 is the corrected version of CIE 13.2-1974 that has been brought up to date to present spectroradiometric and calculation practice. The technical recommendations have not been changed.

This Technical Report establishes the CIE recommended method of measuring and specifying colour rendering properties of light sources based on resultant colour shifts of test objects, referred to as the "Test-colour Method". It is the fundamental method for appraisal of colour rendering properties of light sources, and is recommended for type testing as well as for testing individual lamps.

This specification applies to most general purpose illuminants (e.g. tungsten filament lamps, tubular fluorescent lamps, and all other kinds of gaseous discharge electrical lamps except sources of predominantly monochromatic radiation such as low pressure sodium, etc.). This method may also be applied to modified daylight.

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