UDC 535.665:628.981

JIS

JAPANESE INDUSTRIAL STANDARD

# Method of Specifying Colour Rendering Properties of Light Sources

JIS Z 8726—1990

Translated and Published

by

Japanese Standards Association

Printed in Japan

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

UDC 535.665:628.981

JAPANESE INDUSTRIAL STANDARD J I S

# Method of Specifying Colour Rendering Properties of Light Sources

Z 8726-1990

## 1. Scope

This Japanese Industrial Standard specifies the method of specifying colour rendering properties of light sources for general lighting by using the colour rendering index.

Remark: This method may be used for specifying the daylighting or the modified daylight.

## 2. Definitions

For the purposes of this Standard main definitions are in accordance with JIS Z 8105 and JIS Z 8113 and in addition the following apply.

(1) reference illuminant The illuminant to be used as the comparing reference for obtaining colour rendering index.

(2) test colour samples The object-colour samples specified by spectral radiance factor and to be used as the representative when obtaining the colour rendering index.

(3) CIE 1964 uniform colour space The uniform colour space specified by CIE (International Commission on Illumination) in 1964. It is called also $U^*V^*W^*$ colour space.

Informative Reference: CIE has abolished $U^*V^*W^*$ colour space in 1976, and newly specified $L^*a^*b^*$ colour space and $L^*u^*v^*$ colour space. At present, the $U^*V^*W^*$ colour space is used only for calculation of colour rendering index.

Applicable Standards, Corresponding International Standards and Reference Standards: See page 9.