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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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Spatial Distribution of Daylight -- CIE Standard General Sky

日光的空间分布 CIE一般标准天空

(English Translation)

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What this standard covers

This standard provides a set of theoretical and practical applications are related to sun light and ceiling lighting outdoor daylight conditions linked. Given luminance distribution has the following characteristics: 1) they are symmetrical meridian sun, and are between the sun and the zenith angle of a function of the distance Z_s . 2) they are defined as a smooth continuous function. This brightness distribution is typically sunny sky, characterized in that one of the clouds is monochrome. They can provide daylight for many practical calculations is sufficiently accurate approximation of fragmented clouds sky. 3) at any point in the sky relative brightness of the sky surface element depends on the angle between the sun and the sky surface element x zenith angle between Z . The relative brightness of the two functions is given, relative scattering characteristic curve $f(x)$ and the line of sight between the zenith luminance tone $? (Z)$.

Document data

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Standards quoted by this document

GB/T 2900.65; ISO 31-6-1992