

ABSTRACT

A fluorescent lamp ensures categorical color perception for surface colors of at least red, green, blue, yellow and white, while improving the luminous efficiency in scotopic vision and mesopic vision or in a wide visual field, wherein dominant radiation is obtained from a phosphor which has peak emission wavelength in a wavelength region from 530 to 580nm and a region from 600 to 650nm, flux ratio of a phosphor having peak emission wavelength in a wavelength region from 420 to 530nm is set to 4 to 40% of the total flux radiated in the dominant wavelength band, correlated color temperature of the lamp light color is set to 3500K to ∞ and Duv (distance from perfect radiator locus on uv coordinates) is set within a range from 5 to 70.

This Sheet Has Been Replaced

