

34
DISCHARGE LAMP AND LUMINAIRE
ABSTRACT OF THE DISCLOSURE

A discharge lamp of the present invention radiates visible light having the following lights combined: light having an emission peak in 400 to 490 nm wavelength range in a blue spectral region; light having an emission peak in a 500 to 550 nm wavelength range in a green spectral region; and light having with an emission peak in 600 to 670 nm wavelength range in a red spectral region. The color point of the radiated light lies within a region common to the following regions: a region bounded by an ellipse with a color point $(u, v) = (0.224, 0.330)$ as a center thereof, a major axis of 0.056, a minor axis of 0.024, and an angle from the u axis of 20 degrees in the CIE 1960 UCS diagram; a region bounded by an ellipse with a color point $(u, v) = (0.224, 0.330)$ as a center thereof, a major axis of 0.078, a minor axis of 0.014, and an angle from the u axis of 30 degrees in the CIE 1960 UCS diagram; a region bounded by an ellipse with a color point $(u, v) = (0.235, 0.335)$ as a center thereof, a major axis of 0.060, a minor axis of 0.030, and an angle from the u axis of 30 degrees in the CIE 1960 UCS diagram; a region bounded by an ellipse with a color point $(u, v) = (0.225, 0.330)$ as a center thereof, a major axis of 0.060, a minor axis of 0.018, and an angle from the u axis of 20 degrees in the CIE 1960 UCS diagram; and a region on a side of color temperature lower than an isothermperature line of a correlated color temperature of 3500K.

FIGURE 10



162162



G00002