

LIGHTING FIXTURE AND LIGHTING SYSTEM

[ABSTRACT]

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A lighting fixture (10) includes: a first light source (11), a second light source (12), and a light source controller (15). The first light source (11) emits first light of a fixed color that has chromaticity coordinates located in a quadrilateral area (C1) with
10 four vertices at $(x, y) = (0.380, 0.330)$, $(x, y) = (0.510, 0.360)$, $(x, y) = (0.470, 0.440)$, and $(x, y) = (0.350, 0.420)$. The second light source (12) emits second light of a fixed color that has chromaticity coordinates located in a quadrilateral area (C2) with four vertices at
15 $(x, y) = (0.200, 0.175)$, $(x, y) = (0.275, 0.270)$, $(x, y) = (0.220, 0.360)$, and $(x, y) = (0.155, 0.275)$. The light source controller (15) adjusts an amount of light for each of the first light source (11) and the second light source (12) based on a light modulation signal.

20 Figure 3