

Title (en)
COLOR ADAPTIVE LIGHTING SYSTEM

Title (de)
FARBADAPTIVES BELEUCHTUNGSSYSTEM

Title (fr)
SYSTEME D'ECLAIRAGE A ADAPTATION CHROMATIQUE

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Application
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Abstract (en)
[origin: WO2006086967A1] The invention relates to a color adaptive lighting system for creating a mixture of light that lies on the Planck's radiation course, comprising: a housing (2; 17; 27); a first light source in the form of at least one low-pressure gas discharge lamp; a second light source in the form of at least two light-emitting diodes (LED's) (9, 10; 21, 22; 33, 34); at least one reflector (3; 17; 27) that is placed behind the low-pressure gas discharge lamp (4; 18, 28) in the direction of emission of the lighting system; optionally a diffusing disc and/or cover disc (13, 14; 19, 20), and; a ballast for operating the light sources and for controlling the intensity of the light sources. The at least two LED's (9, 10; 21, 22; 33, 34) are arranged in the lighting system in such a manner that the main direction of emission of the LED's (9, 10; 21, 22; 33, 34) points toward the reflector.

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