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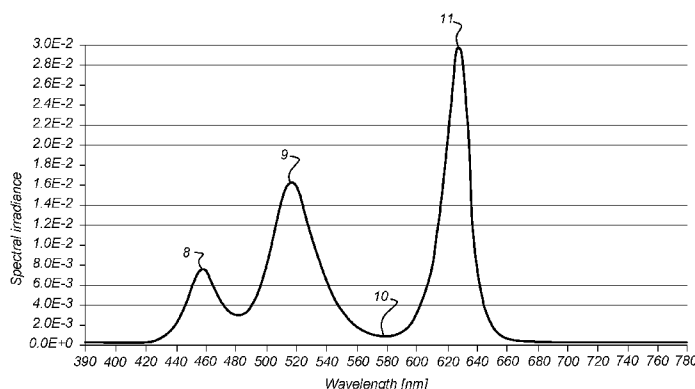
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(54) **Title:** SPECTRALLY ENHANCED WHITE LIGHT FOR BETTER VISUAL ACUITY

Fig. 2



(57) **Abstract:** A lighting configuration is disclosed for providing improved vision acuity. The lighting configuration comprises a first light source emitting light having a first wavelength peak in the range from 500 to 530 nm; a second light source emitting light having a second wavelength peak in the range from 600 to 640 nm; and a third light source emitting light having a third wavelength peak in the range from 440 to 460 nm. The radiated power at 55 nm is less than 15% of the radiated power at the wavelength of the second wavelength peak. The light configurations are characterized by an S/P ratio between 2 and 5. Optionally the radiated power at 480 nm is at least 20% of the second wavelength peak. The light sources used in the lighting configuration can be LEDs, preferably LEDs that are substantially free of a color conversion layer.