

Title (en)
Spectrum for mesopic vision

Title (de)
Spektrum für Kurzsichtigkeit

Title (fr)
Spectre pour vision mésopique

Publication
EP 2469983 B1 20160309 (EN)

Application
EP 11193962 A 20111216

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• DE 102011005689 A 20110317

Abstract (en)
[origin: EP2469983A2] The present invention proposes a lighting arrangement comprising a supporting element (2) having at least one blue LED light source (3a) being at least partially covered with colour conversion layer (5a) and designed to emit a light of at least a first wavelength region, and at least one red LED based light source (3b) being designed to emit light of at least a second wavelength region, said blue and red LED light sources (3a,3b) being adapted to mimic a predefined mesopic spectrum, the spectrum having a first intensity peak (11) at a wavelength of 440 to 480nm and a second intensity peak (12) at a wavelength of 600 to 650nm.

IPC 8 full level
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