

Title (en)
Led illumination method and apparatus

Title (de)
LED-Beleuchtungsverfahren und Vorrichtung

Title (fr)
Procédé et appareil d'éclairage à DEL

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EP 2648486 A1 20131009 (EN)

Application
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Abstract (en)
A method for driving an LED array with a plurality of section is disclosed, in which each section of the LED array comprises at least one LED device, wherein each section is supplied with power using pulse width modulation with a common frequency, wherein the power supplied to each section is phased relative to the other sections to reduce the maximum total power supplied to all sections, relative to supplying all sections with a common phase. An illuminator is disclosed comprising an LED array and a drive circuit, wherein the LED array comprises a plurality of sections, each section comprising at least one LED device, and the drive circuit is arranged to supplied each section with power using pulse width modulation with a common frequency, with the power supplied to each section being phased relative to the other sections to thereby reduce the maximum total power supplied to all sections, relative to supplying all sections with a common phase.

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Citation (search report)

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