

Title (en)
LED LIGHT APPARATUS AND METHODOLOGY

Title (de)
LED-LAMPENVORRICHTUNG UND METHODOLOGIE

Title (fr)
DISPOSITIF D'ECLAIRAGE À LED ET PROCÉDÉ D'ECLAIRAGE

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Application
EP 04810847 A 20041112

Priority
US 2004037829 W 20041112

Abstract (en)
[origin: WO2006054969A2] An LED light apparatus and methodology that can produce a collinear beam of light. The apparatus has a housing with three sets of LED light assemblies each having several LED lights of the same color, being red, blue or green. A dichroic bandpass filter and a dichroic notch filter are incorporated along with a power supply. In one embodiment both filters intersect forming an x-pattern. Red light passes through both filters. The resulting light from the band pass filter combines with blue light and passes through the notch filter. This combined light stream then combines with green light to form a collinear beam of white or colored light. The resulting light from the red light passing through the notch filter combines with green light and passes through the bandpass filter. This combined light stream then combines with the blue light to form a collinear beam of white or colored light.

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