

Title (en)  
LIGHTING DEVICE WITH LED'S

Title (de)  
BELEUCHTUNGSVORRICHTUNG MIT LEUCHTDIODEN

Title (fr)  
DISPOSITIF D'ECLAIRAGE AVEC DEL

Publication  
**EP 2459924 A1 20120606 (DE)**

Application  
**EP 10728194 A 20100623**

Priority  
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• EP 2010058918 W 20100623

Abstract (en)  
[origin: WO2011012381A1] The invention relates to a lighting device (1) having a tube (2) that is light-permeable at least in sections and a plurality of light diodes (LEDs) (4), wherein the LEDs (4) are arranged next to one another within the tube (2) and parallel to the longitudinal axis (L) of the tube. In addition, there is at least one separate optical means within the tube (2), such as a separate reflector (5) for each LED (4) and a cylindrical converging lens in order to obtain a specifiable lighting strength distribution on a target surface.

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