

Title (en)
LED LIGHTING DEVICE AND LUMINAIRE

Title (de)
LED LEUCHTVORRICHTUNG UND LED-LEUCHTE

Title (fr)
DISPOSITIF D'ÉCLAIRAGE À DEL ET LUMINAIRE À DEL

Publication
EP 3561379 A1 20191030 (EN)

Application
EP 18169397 A 20180426

Priority
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Abstract (en)
LED lighting device (100), comprising a heat conductive carrier (101), at least one LED-module (103) arranged at a heat conductive carrier (101) surface facing the at least one LED lighting device (100), each of the at least one LED-module (103) comprising a substrate (106) and at least one LED (105) arranged on top of the substrate (106), and compressible spacer means (102) being arranged on the heat conductive carrier (101). The LED lighting device (100) further comprises a glass cover (104) supported by the compressible spacer means (102) for covering the at least one LED-module (103). The glass cover (104) is made of flat glass. The LED lighting device (100) further comprises a seal (202) arranged between the glass cover (104) and the heat conductive carrier (101) for attaching the glass cover (104) to the heat conductive carrier (101), wherein the seal (202) is arranged at a lateral distance from the at least one LED-module (103), and wherein the seal (202) fully surrounds the at least one LED-module (103), thereby forming a gas-tight chamber containing the at least one LED-module (103) between the heat conductive carrier (101) and the glass cover (104). Luminaire (300) comprising the LED lighting device (100).

IPC 8 full level
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Citation (search report)
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