

Title (en)
LED LIGHT FIXTURE AND METHOD OF MOUNTING THEREOF

Title (de)
LED-LEUCHTE UND VERFAHREN ZUR MONTAGE DAVON

Title (fr)
LUMINAIRE À DEL ET SON PROCÉDÉ DE MONTAGE

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SE 1750476 A 20170421

Abstract (en)
The invention relates to a light-emitting diode fixture and a method for the assembly of a light-emitting diode fixture. The light-emitting diode fixture comprises a housing (2) with a base (23) and a planar supporting surface (24), a light-emitting diode-carrier substrate (7), a light-emitting diode holder (5), a coupling region in an edge portion (5A) of the light-emitting diode holder with a second pair of contact tabs (11A, 11B), a connector (3) with a coupling region in an edge portion (3A) with a third pair of contact tabs (17A, 17B), joined together by mating engagement ends when the second and third pair of contact tabs (11A, 11B; 17A, 17B), respectively, are in current conducting contact. In order to facilitate the assembly process, the connector (3) and the light-emitting diode holder (5) each comprises a body with a central mounting axis (C-C), that the engagement ends of the light-emitting diode holder (5) and the connector (3) overlap each other in the coupling region with mating edge portions (5A, 3A), guide pins (13, 13) and insert openings (15, 15) parallel to the mounting axis (C-C), and that the connector (3) and the light-emitting diode holder (5) are pretensioned by fasteners (27, 27; 20, 20) in the direction of the mounting axis (C-C) against the supporting surface (24) with a clamping action between the overlapping edge portions (5A, 3A).

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Citation (search report)
• [A] EP 2333407 A1 20110615 - TYCO ELECTRONICS CORP [US]
• [A] WO 2015021458 A1 20150212 - MOLEX INC [US], et al
• [A] WO 2012148910 A2 20121101 - MOLEX INC [US], et al
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