

Title (en)

Low power consumption high illumination LED lamp

Title (de)

LED-Lampe mit niedrigem Stromverbrauch und hoher Leuchtkraft

Title (fr)

Lampe DEL à fort éclairage et faible consommation électrique

Publication

EP 2058580 A1 20090513 (EN)

Application

EP 07021852 A 20071110

Priority

EP 07021852 A 20071110

Abstract (en)

This invention is to provide a low power consumption high illumination LED lamp comprising a base (2); a metallic member (21) on a bottom of the base and adapted to insert into a socket; an AC to DC converter (22) disposed inside the base and being electrically connected to the metallic member; a heat sink (29) formed of metal and disposed on a top of the base; at least one matrix shaped LED light array (24) secured to a position outside the base and adjacent to the heat sink and electrically connected to the AC to DC converter, and a bulb (23) having a peripheral edge secured to the top of the base and covering matrix shaped LED light array. By utilizing this lighting device, advantages including low power consumption, high illumination, increased illuminating area, energy saving, and being complied with the concept of environmental protection are obtained.

IPC 8 full level

F21K 99/00 (2010.01)

CPC (source: EP US)

F21K 9/232 (2016.07 - EP US); **F21V 3/02** (2013.01 - EP US); **F21V 29/77** (2015.01 - EP); **F21Y 2107/30** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

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