

Title (en)

LAMP CONVENIENT TO INSTALL AND DIVERSE APPLICATION MODULE USING SAME

Title (de)

EINFACH ZU INSTALLIERENDE LAMPE UND MODUL ZUR VIELFÄLTIGEN ANWENDUNG MIT VERWENDUNG DAVON

Title (fr)

LAMPE PRATIQUE À INSTALLER ET MODULE D'APPLICATIONS DIVERSES L'UTILISANT

Publication

**EP 3851736 A1 20210721 (EN)**

Application

**EP 20157993 A 20200218**

Priority

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Abstract (en)

A lamp that is convenient to install and a diverse application module using the same are disclosed. The lamp comprises a lamp panel, a plurality of lamp wicks, a plug, a profile, and an anti-glare assembly, wherein the plurality of lamp wicks are fixed to the lamp panel, the distance between centers of every two adjacent lamp wicks ranges from 24.5mm to 25.5mm. Five application modules respectively having a length of 562mm-566mm, 1162mm-1166mm, 1462mm-1466mm, 1762mm-1766mm, and 2362mm-2366mm are provided to make the plurality of lamp wicks adaptively installed all over the lamp panel, so that the size of the application module of the invention meets the ZHAGA standards. Besides, the plug fulfills quick connection to the light panel, the profile increases the length of the diverse application module, and the anti-glare assembly reduces the UGR of the lamp to reduce harm to eyes. The invention focuses on solving the problems of non-conformity of existing application modules to the ZHAGA standards, as well as raw materials waste and size inconsistency in the field of application modules.

IPC 8 full level

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Citation (search report)

- [I] CN 109058845 A 20181221 - JIANGSU YOUWEI SHIJIE TECH CO LTD
- [I] CN 201262345 Y 20090624 - DONGGUAN KINGSUN OPTOELECT CO [CN]
- [I] US 2016053973 A1 20160225 - TRESS CHRISTOPHER M [US], et al
- [I] US 2012081899 A1 20120405 - YU SCOTT S [US]

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