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LAMP

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Application  
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Abstract (en)  
[origin: WO2005085706A1] The invention relates to a lamp (10) comprising at least one base (11) which is joined to a light, comprising a dome-shaped, in particular dish-shaped, essentially rotationally symmetrical reflector (13), wherein a light source is arranged in the focal point (32) or focal point area thereof in order to produce an oriented, e.g. narrowly emitting, light distribution from said lamp (10). The reflector is provided with an opening (15) which comprises a light exit plane (E) for the lamp (10). The invention is characterised in that the light source is formed by at least one LED (20, 20a, 20b, 20c) and is arranged at a distance from the inner side (14) of the reflector, and that at least one functional element of the LED, in particular at least one voltage supply line (21a, 21b, 21c, 21d) of the LED and/or at least one cooling body (29, 30a, 30b, 30c, 30d) for the LED, extends at least partially essentially along the light exit plane (E) or is arranged at least partially on the side of the light exit plane (E) which is oriented away from the reflector (13).

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• DE 29910417 U1 19990812 - SIDLER GMBH & CO [DE]  
• US 5924785 A 19990720 - ZHANG LU XIN [US], et al

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