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Abstract (en)
The embodiment of the present disclosure provides a lamp, comprising a light source assembly, a lamp body, and a plurality of radiating tubes; wherein, the lamp body comprises a vapor chamber and a mounting ring, the mounting ring is disposed around a periphery of the vapor chamber, the vapor chamber comprises a first edge and a second edge opposite to each other, and a thickness of the vapor chamber gradually increases in a direction from the first edge to the second edge; the light source assembly is connected to the vapor chamber, and two ends of each of the radiating tubes are respectively connected to the mounting ring away from the light source assembly and close to the first edge and the second edge; in the vapor chamber, a first receiving cavity for holding a cooling liquid is provided close to the first edge, a second receiving cavity for holding a cooling liquid is provided close to the second edge, and a reflux passage connecting the first receiving cavity and the second receiving cavity is provided; a reflux tank connecting the first receiving cavity, the second receiving cavity and the each of the radiating tubes is provided in the mounting ring. The lamp provided by the embodiment of the present disclosure may quickly and completely cool the light source assembly, improve the heat dissipation performance of the light source assembly, and improve the normal service life of the lamp.

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Citation (search report)
• [A] US 2014116653 A1 20140501 - LANGE TORBEN BJERRISGAARD [TW], et al
• [A] KR 100995164 B1 20101117 - YOUNG DONG TECH CO LTD [KR]
• [A] KR 20110052129 A 20110518 - KIM HYU SOOL [KR], et al

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