

KHS111 Heat Sink for Power LEDs 1W - 3W

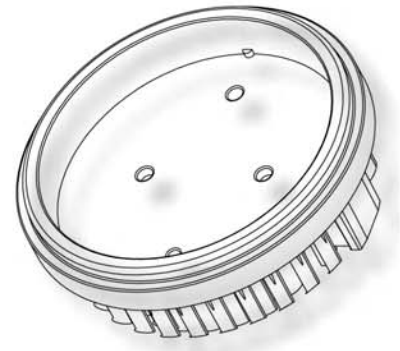
KHS Series - Standard AR111



- High efficiency
- 110mm Diameter
- Standard AR111

Technical data

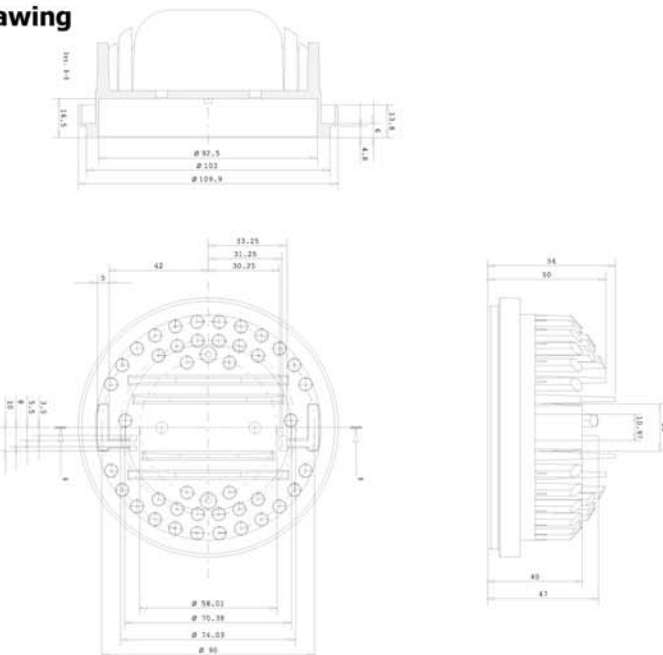
- R_{th} ($^{\circ}C/W$) = 10,3 $^{\circ}C/W$
- W/mK = 193 - 200 (Therm cond.)
- Material: Aluminium ALMgSi0,5
UNI 6060 DIN 1725
- Kg/dm^3 = 2,70 (Spec. gravity)



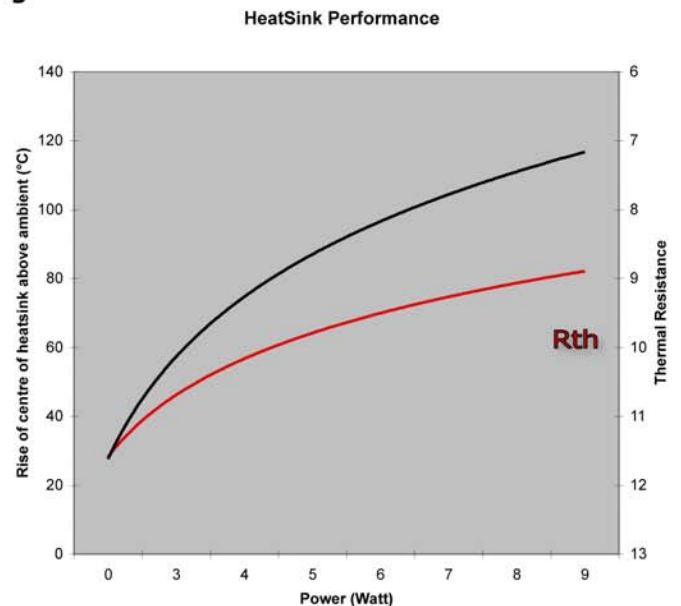
DESCRIPTION:

The KHS111 series has been designed for 1 - 3W POWER LEDs. The Heat Sink performance is measured basing on its Thermal Resistance (R_{th}), where R_{th} is the temperature increase (ΔT) in Centigrade degrees caused by application of 1 Watt power. As Being national or international test methods to evaluate R_{th} not available, the values to considered are the ones coming from laboratory tests.

Drawing



Diagram



The Terminal resistance is calculated considering a uniform heat source on heat sink. The above measures are given only as a reference and may change (UNI 3879 - DIN 1748). All thermal resistance values (R) are indicative and refer only to the heat sink surface.