

# MechaTronix in LED

## MechaTronix launches universal LED cooler for BJB LED module

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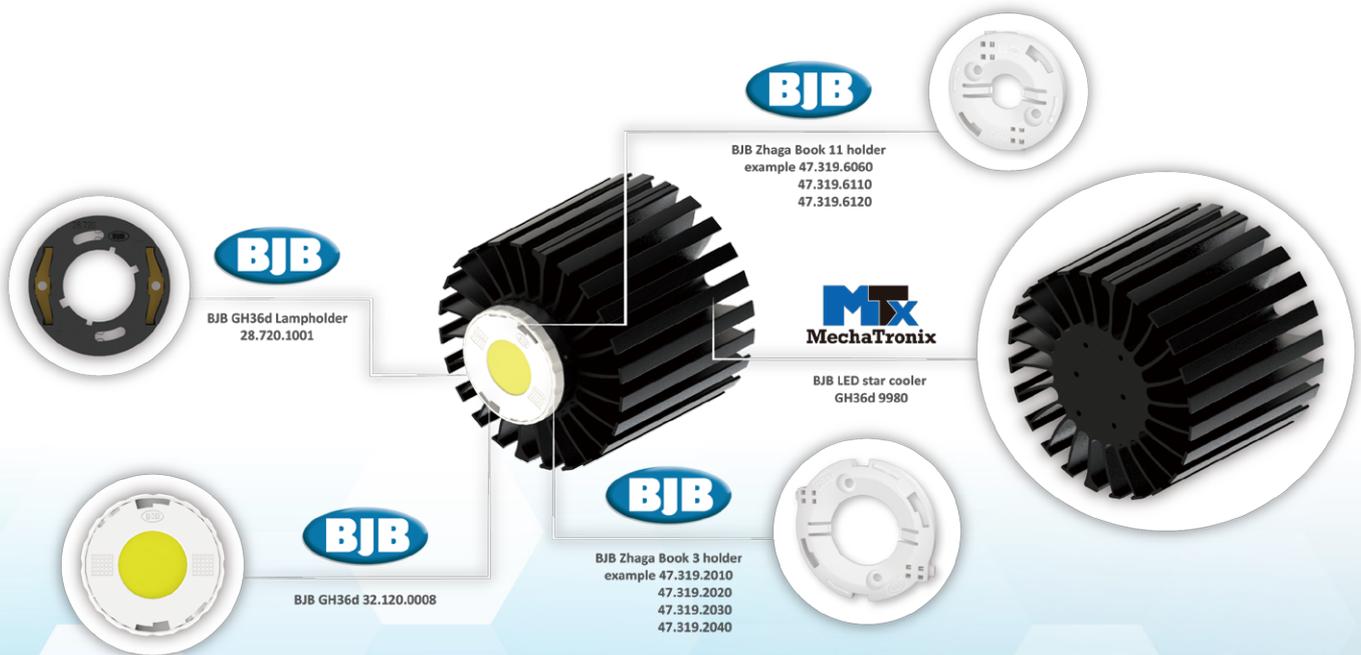
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The BJB LED star cooler GH36d is specifically designed for luminaires using the BJB GH36d series LED modules and various brands of COB LED modules mounted by BJB Zhaga Book 3 or Zhaga Book 11 LED holders.

The compact module GH36d consists of a based and encapsulated LED lamp with suitable Twist&Lock lamp holder. The pre-tensioned leaf springs which are fixed with two standard screws, ensure a defined contact pressure of the light source to the heat sink and thereby a constant heat dissipation.

The versions with 1,200 lm, 2,000 lm, and 3,000 lm luminous flux, as well as with 3,000 K and 4,000 K color temperature, enable an easy entry with low-maintenance, flexible LED solutions into shops, offices and the hospitality field.



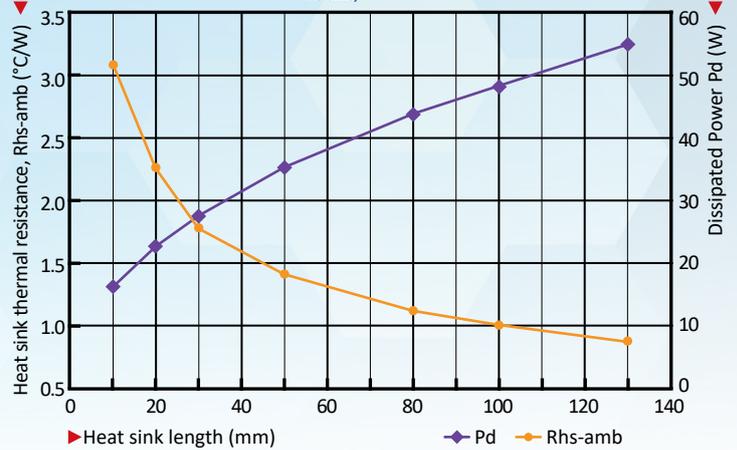
With a thermal resistance of 1.1°C/W in a diameter of 99 millimeter, the BJB LED star cooler offers a perfect passive cooling platform for luminaires up to 5000 lumen. Through a modular mounting pattern the GH36d LED cooler offers a wide platform of mechanical exchangeability – including Zhaga book 3 and Zhaga book 11 mounting platforms.

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Specific on this design is the advanced performance under tilted positioning. While most star shaped LED coolers loose over 30% of their cooling capacity once tilted over angles of more than 40 degrees this design is optimized for tilting luminaires like track spots and globes.

Samples are available through the BJB and MechaTronix worldwide distributor channels.

BJB GH36d performance data at a heat sink to ambient temperature difference,  $\Delta T_{hs-amb}$ , of 50 °C



## ABOUT MECHATRONIX

MechaTronix was founded as a creative designer & manufacturer of high end mechanical plastic & metal parts. With its Asia-based headquarters in Kaohsiung Taiwan, MechaTronix became a powerhouse at designing and manufacturing heat sinks and thermal solutions for OEM and LED lighting applications. Strategic partnerships with major LED manufacturers and sharing our thermal knowledge with their luminaire designers are our core missions. Simple passive cooling, advanced heat pipe technology or active cooling solutions? MechaTronix offers of the shelf and tailored solutions to its worldwide professional customer base. For more information about the company, please visit : [www.mechatronix-asia.com](http://www.mechatronix-asia.com)