



The Magic of Light®

--Introduction of Asia Vital Components Co., Ltd. (AVC)--


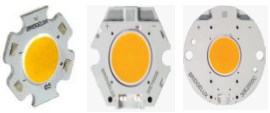
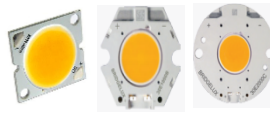
Asia Vital Components Co., LTD (Taiwan listed company since 2003: TSE: 3017) is a world leading Total Thermal Solution Provider serving various industries including telecommunication, LED lighting, networking, power conversion, automobile, PC, notebook, and others more. The product lines include fans, fan trays, heat sinks, heat pipes, vapor chambers, CPU coolers, VGA coolers, notebook thermal modules, liquid cooling systems, LED thermal solutions, chassis and cabinets.

AVC is now proud to be an associate member of Zhaga Consortium which is an organization established for the standardization of LED light engines. With strong R&D, manufacturing capabilities and economic scale in Asia we are able to provide our customers more advanced, reliable and cost effective solutions. AVC is your best partner for LED thermal solutions.

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Passive Heatsink Solutions for LED Arrays from Bridgelux

| Suitable ARRAY TYPE | RS Array, Vero 18 (44 - 68 W) Vero 29 (54-83 W) | ES Star Array Vero 10, 13, 18 (21 - 32 W) | Es Rectangle Array Vero 10, 13, 18 |
|-----------------------|---|---|---|
| Bridgelux Array Image |  |  |  |
| AVC Heatsinks P/N | ST09V00001 | ST09T00001 | ST09U00001 |
| | Both heatsinks can be used for ES Star & ES Rectangle Array! | | |
| Heatsink Dim (mm) | Φ170*H40 | Φ100*H60 | Φ120*H70 |
| Weight (KG) | 1,02 kgs | 0,40 kgs | 0,93 kgs |
| Material | AL6063 | AL6063 | AL6063 |
| Surface Treatment | Black anodized | Black anodized | Black anodized |
| Thermal Resistance | 0,84 C/W | 1,88 C/W | 1,47 C/W |
| LED Module Power (W) | 31,8W - 85,4W | 6,6W - 9,8W | 10,4W - 25,9W |
| Thermal Power (W) | 48W - 60W | 21W - 27W | 27W - 34W |
| Ambient Temperature | 35°C - 45°C | 35°C - 45°C | 35°C - 45°C |
| Case Temperature | 85°C | 85°C | 85°C |

Further Information about Technical Support Worldwide and AVC Sales

AVC Sales and Technical supports

AVC Taipei (Taiwan)



Worldwide Sales support:
Add: 7F-3, No.24, Wucyuan 2 Rd.,
Sinjhuang District, New Taipei City
24892, Taiwan (R.O.C)
Tel.: +886-2-2299-6930
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AVC Europe (Germany)

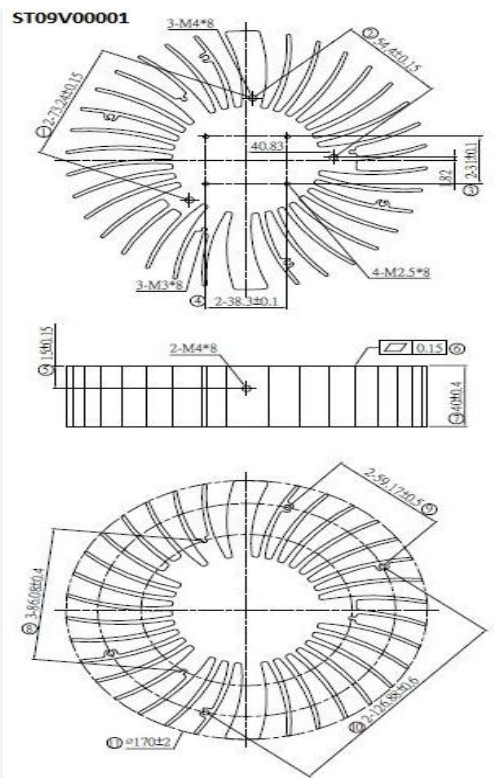
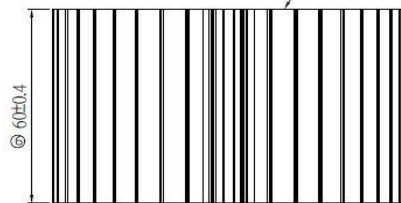
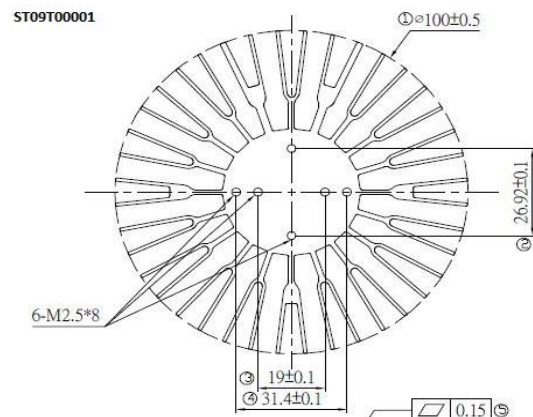
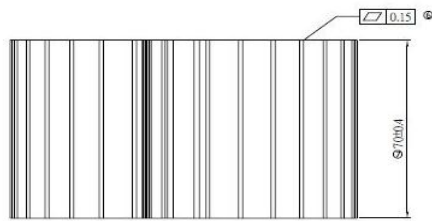
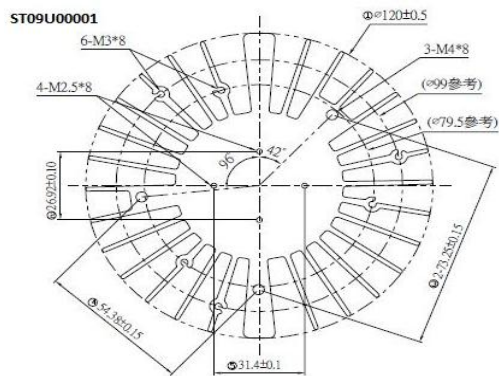


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Technical Drawing [ST09T00001, ST09U00001 & ST09V00001]



For handling and assembly instructions, please refer to Bridgelux application guide.

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