



ASIA VITAL COMPONENTS CO.,LTD.

AVC Thermal Solutions For GE Infusion LED Module



Updated
2011-12-15

No.1 Supplier in Whole Spectrum of Thermal Solution



ASIA VITAL COMPONENTS CO., LTD.

The headquarter of Asia Vital Components (AVC) was established in Taiwan in 1991, and now owns its service branches around the world in Asia, China, USA, and Europe. The company strives, through its vast expertise in thermal technologies, to help make LED the next generation's light sources for energy saving and environmental protection.

LED performance is highly dependent on their junction temperature, which might cause luminous efficiency degradation, luminous flux reduction, color shift, shorter life expectancy, and even unrecoverable damage to LED lights. AVC designs and manufactures a wide spectrum of thermal products using unique technologies to effectively maintain LED modules' temperatures below 65 degrees Celsius and guarantee a longer LED life.

Focused on continual improvement, AVC hopes our users can enjoy optimal product life with GE Infusion LED Module system and AVC heat sink solution together.

For more information, please contact the Global Business Development Manager, **Mr. Jeff Huang, email: Jeff_huang@avccn.com.cn**



ASIA VITAL COMPONENTS CO.,LTD.

For 1000lm



No.1 Supplier in Whole Spectrum of Thermal Solution



ASIA VITAL COMPONENTS CO.,LTD.

For 1000lm/1500lm/2000lm



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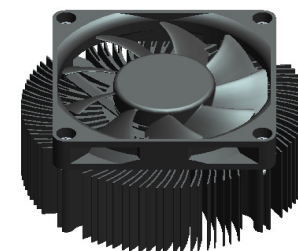
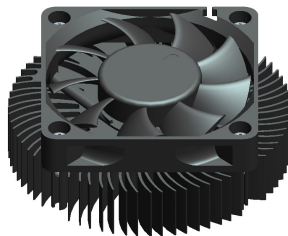
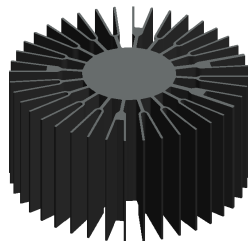
For 3000lm



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AVC Product Number	ST06000001	Z6ET05B001	Z7UT05C001	Z7UT05C001
Module Type:	GE infusion	GE infusion	GE infusion	GE infusion
	1000lm	1000lm/1500lm/2000lm	3000lm	3000lm
Heat sink Geometry:	Extrusion	Extrusion	Extrusion	Extrusion
Heat sink Material:	Al 6063-T5	Al 6063-T5	Al 6063-T5	Al 6063-T5
Heat sink Dimension:	Φ100*75mm	Φ78.5*20mm	Φ92.3*35mm	Φ92.3*35mm
Surface Treatment:	Black anodized	Black anodized	Black anodized	Black anodized
Fan Dimension:	N/A	60*60*15mm	70*70*15mm	70*70*15mm
Fan Data:	N/A	12V 3000RPM	12V 3000RPM	5V 3000RPM
Total Weight (Kg):	0.47	0.176	0.33	0.33
Total Dimension:	Φ100*75mm	Φ82*35.5mm	Φ96*50.5mm	Φ96*50.5mm
LED Electrical Power (W):	15	15/23/29	46	46
Thermal Power (W):	13	13/21/25	39	39
Ambient Temperature :	40°C	40°C	40°C	40°C
Tc:	<=65°C	<=65°C	<=65°C	<=65°C
Thermal Resistance:	<=1.923°C/W	<=1.667/1.190/1°C/W	<=0.641°C/W	<=0.641°C/W
Total Noise:	N/A	<=30dB	<31dB	<31dB

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