

The Professional Thermal Solution Provider of

GE

Infusion-LED Module



Partner  
GE Lighting

**SUNON**<sup>®</sup>  
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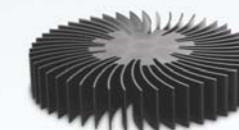
2012/05/04 (GE\_Infusion-e02)

# Active cooled luminaire designs

## 4 Advantages

- Active thermal design, minimizing the size of heat sink and enhancing higher power efficiency.
- Small form factor with optimal thermal design, maximizing the space of luminaire housing.
- Super silence fan design, offering optimal sound quality
- Up to 5-year warranty, giving high reliability



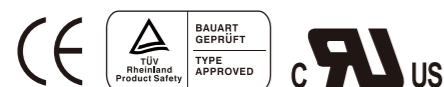


Model No.	LA001-012A99DN	LA001-013A99DN	LA003-004A99DN	LA003-005A99DN	RA001-002999DN
Module Dimension (mm)	φ 86 x 35	φ 86 x 35	φ 86 x 52	φ 86 x 52	φ 160 x 30
Weight (g)	175	175	275	275	530
Cooling Module Noise @ 1M , dB(A)	15.2	15.2	16.3	16.3	--
Rated Voltage (V)	5	12	5	12	--
Power Consumption (W)	0.26	0.28	0.26	0.28	--
Fan Speed (RPM)	2200	2200	2200	2200	--
Heat Sink Material	AL6063	AL6063	AL6063	AL6063	AL6063
Fan Model No.	HA60150V3-E03U-A99	HA60151V3-E00U-A99	HA60150V3-E03U-A99	HA60151V3-E00U-A99	--
Safety	UL/CUR/TUV/CE	UL/CUR/TUV/CE	UL/CUR/TUV/CE	UL/CUR/TUV/CE	--
Multiple Holes <sup>※1</sup>	--	--	--	--	--
Thermal Resistance (°C/W) <sup>※2</sup>	0.56	0.56	0.26	0.26	0.9
Experiment LED Module	GE Infusion Module M1500 Series	GE Infusion Module M1500 Series	GE Infusion Module M3000 Series	GE Infusion Module M3000 Series	GE Infusion Module M1500 Series

※1 : Multiple Holes for Philips Fortimo SLM, Philips Lixel LED SLM, Osram PrevaLED, Tridonic Stark & Talex, Bridgelux RS Array / LS Array, Citizen CL-L330 / 340, Vossloh-Schwabe WU-M-Series, Zhaga.

※2 : Thermal Resistance is for reference only. (For more information please see the product specification of LED brand.) Please test thermal resistance again by using on different applications.

1. All specifications were tested in free air.
2. Products or Information are subject to change without notice. Please contact with Sunon Sales.



#### Standard function

- 1 Auto Restart
- 2 Reverse Polarity Protection

#### Optional function

- 1 PWM speed control
- 2 Protection IP 51
- 3 Fan 3rd wire signal (F/R type)
- 4 Temperature controller

# Assembly in 4 Steps



1  
Align five mounting holes on the collar with the corresponding location on heat sink.



2  
Insert five self-tapping screw and make sure there are no gap between collar and heat sink.



3  
Align the four tabs of the Infusion™ module with the corresponding grooves in the module collar.



4  
Insert and rotate the module clockwise 20 degrees to ensure proper engagement and seating of the module.

NOTE: Risk of Breakage. Do not use excessive force to insert the module. Excessive force can cause the module to break. 1.5 Nm of torque typical to install. Do not exceed 5 Nm.