

Thermal Solution for LED Lighting

	MR16 Lamp (10W)	A19 Bulb Lamp (25W)	A19 Bulb Lamp (15W)	Spot Light (17 / 20W)	2000lm Spot Light (30W)	3000lm Spot Light (40W)
Model No.	LA001-002A99LY	LA002-001A99LY	TA001-09012	TA001-11002	TA003-10003	TA004-10003
Module Dimension	ø 50 x15.1 mm	ø 60 x 19 mm	ø 59 x 20.53 mm	ø 86 x 30.4 mm	ø 86 x 52.4 mm	ø 86 x 52.4 mm
Weight	19.3 g	39.5 g	48.0 g	114.0 g	237 g	233 g
Thermal Resistance	4.5°C / Watts	2.8°C / Watts	1.2°C / Watts	0.85°C / Watts	0.7°C / Watts	0.52°C / Watts
Cooling Module Noise @1M	16.5 dB(A)	15.7 dB(A)	16.8 dB(A)	14.0 dB(A)	15.1 dB(A)	16.2 dB(A)
Rated Voltage	12 V	12 V	5 V	12 V	12 V	12 V
Power Consumption	0.30 W	0.32 W	0.21 W	0.28 W	0.28 W	0.34 W
Fan Speed (with Heat Sink)	4600 RPM	4100 RPM	3800 RPM	2200 RPM	2200 RPM	2200 RPM
Heat Sink Material	AL1070	AL1070	ADC12	AL6063	AL6063	AL6063
Safety	UL / CUR / TUV / CE	UL / CUR / TUV / CE	UL / CUR / TUV / CE	UL / CUR / TUV / CE	UL / CUR / TUV / CE	UL / CUR / TUV / CE

※ If you have inquiry for TIM (Thermal Interface Materials), please contact sales.

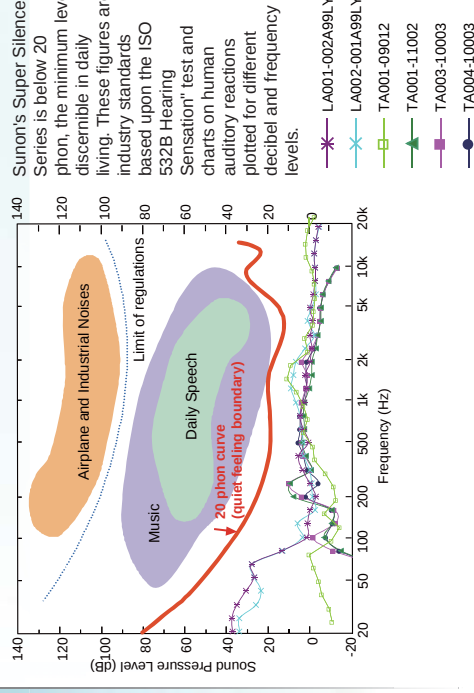
Cooling Fan for LED Lighting

	HA30101V3-E000-A99	HA40101V3-E000-A99	HA60151V3-E000-A99	HA60151V3-E010-A99
Model No.	HA30101V3-E000-A99	HA40101V3-E000-A99	HA60151V3-E000-A99	HA60151V3-E010-A99
Fan Dimension	ø 39.8 x 10.4 mm	ø 48.9 x 10.6 mm	ø 84.9 x 15.4 mm	ø 84.9 x 15.4 mm
Weight	7.3 g	11.8 g	29.1 g	27.3 g
Rated Voltage	12 V	12 V	12 V	12 V
Power Consumption	0.30 W	0.32 W	0.28 W	0.34 W
Rated Speed	4400 RPM	3900 RPM	2300 RPM	2300 RPM
Air Flow	1.9 CFM	4.5 CFM	9.7 CFM	13.2 CFM
Static Pressure	0.04 Inch-H ₂ O	0.05 Inch-H ₂ O	0.03 Inch-H ₂ O	0.03 Inch-H ₂ O
Acoustic Noise @1M	10.5 dB(A)	13.1 dB(A)	15.4 dB(A)	16.1 dB(A)
Safety	UL / CUR / TUV / CE	UL / CUR / TUV / CE	UL / CUR / TUV / CE	UL / CUR / TUV / CE

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

Super Silence Fan

can satisfy acoustic requirement for low noise indoor lamps



Sunon Active Cooling Solution for LED Lighting