

The Professional Thermal Solution Provider of

Vossloh Schwabe Shoplight Module

(WU-M-404-NV / WU-M-405-NV)



Active cooled luminaire designs

6 Advantages

- Small form factor with lower-noise fan
- High efficiency, low power consumption
- Optimized thermal performance, light weight
- Super Silence Fan design, long life
- Dust-resistance System
- High reliability, up to 5 Yr warranty





Model No.	LA004-012A99DN	LA004-011A99DN
Module Dimension	φ 86 x 52.5 mm	φ 86 x 52.5 mm
Weight	231g	231g
Cooling Module Noise @ 1M	15.8dB(A)	15.8dB(A)
Rated Voltage	12VDC	12VDC
Power Consumption	0.35Watts	0.35Watts
Fan Speed	2200 RPM	2200 RPM
Heat Sink Material	AL6063	AL6063
Safety	UL/CUR/TUV/CE	UL/CUR/TUV/CE
WU-M-404-NV (32.2W)	Tc=57 °C @Ta=35°C	Tc=57 °C @Ta=35°C
WU-M-405-NV (36.8W)	Tc=61 °C @Ta=35°C	Tc=61 °C @Ta=35°C

1. Tc : Maximum Surface Temperature of LED Module, Ta : Ambient Temperature
2. All specifications were tested in free air.
3. Products or Information are subject to change without notice. Please contact with Sunon Sales.
4. If you have inquiry for TIM, please contact Sunon sales.

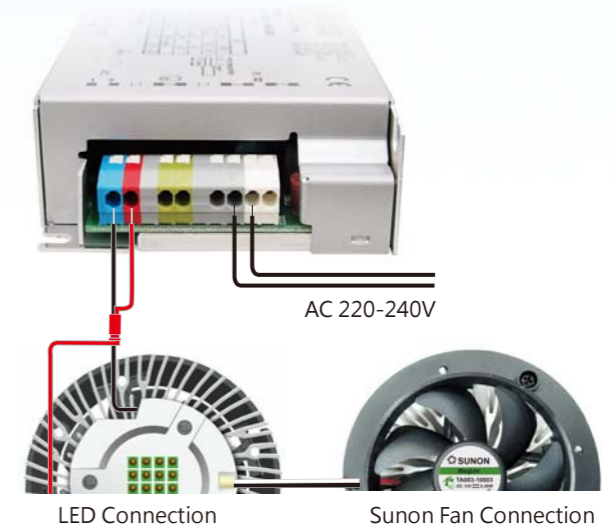
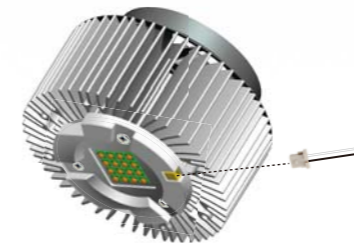
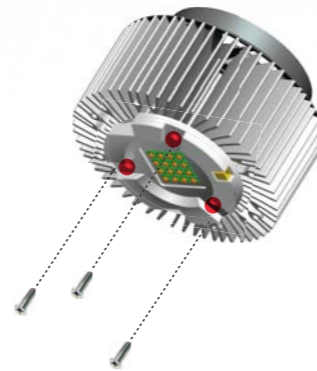
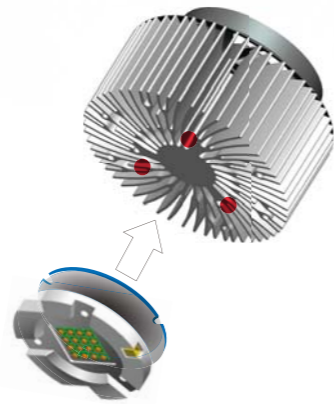
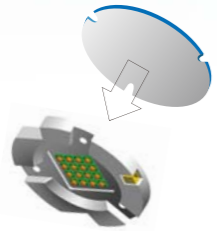
Standard function

- 1 Fan Rated Voltage_12V
- 2 Auto Restart
- 3 Reverse Polarity Protection

Optional function

- 1 Fan Rated Voltage_5V
- 2 PWM speed control
- 3 Protection IP 51
- 4 Fan 3rd wire signal (F/R type)
- 5 Temperature controller

Assembly in 5 Steps



1

Affix the Thermal Interface Material (TIM) to the LED Module. Make sure there are no air bubbles between the TIM and LED Module which will reduce the cooling efficiency.

※ Please contact with Sunon Sales for recommendations of TIM.

2

Make sure the mounting holes on the LED Module are aligned with the three highlighted holes on the heat sink.

3

Insert three M3 screws through the LED Module and into the heat sink. Tighten the screws to ensure that the LED Module and the heat sink are securely assembled.

4

Connect the input voltage of the fan to the 12V connection of the LED Module.

5

Connect the red wire and the black wire of the LED Module to the output of the LED Drive to complete the assembly.