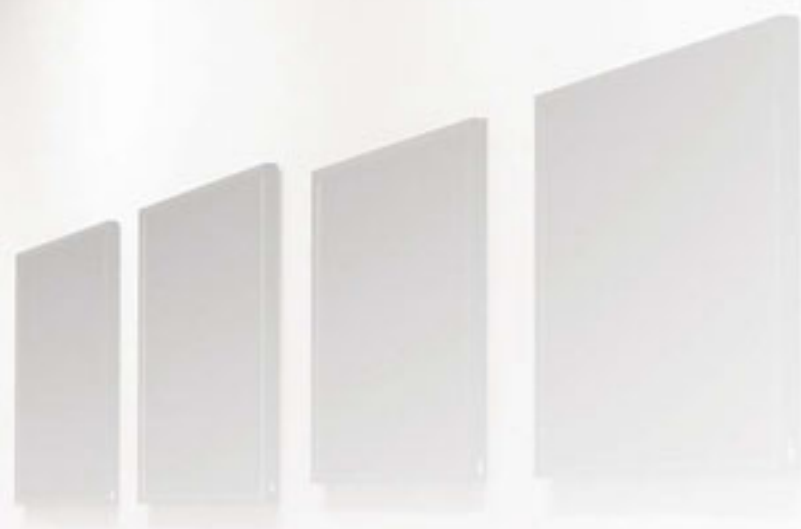


The Professional Thermal Solution Provider of

# Vossloh Schwabe Shoplight Module



# 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-year warranty





Model No.	LA004-012A99DN	LA004-012A99DN				
Module Dimension (mm)	φ 86 x 52.5	φ 86 x 52.5				
Rated Voltage (V)	12	12				
Weight (g)	231	231				
Heat Sink Material	AL6063	AL6063				
Fan Model No.	HA60151V3-E01U-A99	HA60151V3-E01U-A99				
Fan Power Consumption (W)	0.35	0.35				
Fan Speed (RPM)	2200	2200				
Cooling Module Noise @ 1M , (dB(A))	15.8	15.8				
Safety	UL/CUR/TUV/CE	UL/CUR/TUV/CE				
Zhaga Holes	Book 3	Book 3				
Reference Tcase at ambient temperature <span style="color: lightblue;">●</span> <math>\le 55^{\circ}\text{C}</math> <span style="color: green;">●</span> 56~65°C <span style="color: yellow;">●</span> 66~75°C <span style="color: red;">●</span> 76°C †						
Ambient Temperature	25°C	35°C	45°C	25°C	35°C	45°C
WU-M-432 (20.7W)	<span style="color: lightblue;">●</span>	<span style="color: lightblue;">●</span>	<span style="color: green;">●</span>	<span style="color: lightblue;">●</span>	<span style="color: lightblue;">●</span>	<span style="color: green;">●</span>
WU-M-431 (30.7W)	<span style="color: lightblue;">●</span>	<span style="color: green;">●</span>	<span style="color: yellow;">●</span>	<span style="color: lightblue;">●</span>	<span style="color: green;">●</span>	<span style="color: yellow;">●</span>
WU-M-437 (46.8W)	<span style="color: green;">●</span>	<span style="color: yellow;">●</span>	<span style="color: red;">●</span>	<span style="color: green;">●</span>	<span style="color: yellow;">●</span>	<span style="color: red;">●</span>
WU-M-403-XPE (27.7W)	<span style="color: lightblue;">●</span>	<span style="color: lightblue;">●</span>	<span style="color: green;">●</span>	<span style="color: lightblue;">●</span>	<span style="color: lightblue;">●</span>	<span style="color: green;">●</span>
WU-M-403-NV (27.6W)	<span style="color: lightblue;">●</span>	<span style="color: lightblue;">●</span>	<span style="color: green;">●</span>	<span style="color: lightblue;">●</span>	<span style="color: lightblue;">●</span>	<span style="color: green;">●</span>
WU-M-404-NV (32.2W)	<span style="color: lightblue;">●</span>	<span style="color: green;">●</span>	<span style="color: yellow;">●</span>	<span style="color: lightblue;">●</span>	<span style="color: green;">●</span>	<span style="color: yellow;">●</span>
WU-M-404-NV (51.5W)	<span style="color: green;">●</span>	<span style="color: yellow;">●</span>	<span style="color: red;">●</span>	<span style="color: green;">●</span>	<span style="color: yellow;">●</span>	<span style="color: red;">●</span>
WU-M-405-NV (36.8W)	<span style="color: lightblue;">●</span>	<span style="color: green;">●</span>	<span style="color: yellow;">●</span>	<span style="color: lightblue;">●</span>	<span style="color: green;">●</span>	<span style="color: yellow;">●</span>
WU-M-405-NV (58.8W)	<span style="color: yellow;">●</span>	<span style="color: red;">●</span>	<span style="color: red;">●</span>	<span style="color: yellow;">●</span>	<span style="color: red;">●</span>	<span style="color: red;">●</span>

‡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 : Tcase at ambient temperature is for reference only. Please test thermal resistance again by using on different applications.

1. All specifications were tested in free air.