

The Professional Thermal Solution Provider of

# Xicato

## XSM 80 / Artist Series LED Module



# Active cooled luminaire designs

## 5 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.
- Patent two-way operation design, helping to prevent dust from depositing, thus increasing cooling efficiency.
- Life Expectancy (MTTF) : 60,000 hours at 50 deg. C (Fan Temperature), 65 % humidity, 90% CL.







M2 screw



M3 screw



Model No.	LA002-012A9BDN	LA002-014A9BDN	LA005-001A99DN	LA005-002A99DN
Module Dimension (mm)	φ 52 x 20	φ 52 x 20	φ 70 x 51.5	φ 70 x 51.5
Rated Voltage (V)	5	5	12	12
Weight (g)	48	48	183	183
Heat Sink Material	ADC12	ADC12	AL6063	AL6063
Fan Model No.	--	--	HA60151V3-E040-A99	HA60151V3-E040-A99
Fan Power Consumption (W)	0.21	0.21	0.28	0.28
Fan Speed (RPM)	3800	3800	2200	2200
Cooling Module Noise @ 1M, (dB(A))	16.8	16.8	11.6	11.6
Safety	UL/CUR/TUV/CE	UL/CUR/TUV/CE	UL/CUR/TUV/CE	UL/CUR/TUV/CE
Zhaga Holes	--	--	Book 3	Book 3

Reference Tcase at ambient temperature

● ↓ 55°C   
 ● 56~65°C   
 ● 66~75°C   
 ● 76°C ↑

Ambient Temperature	25°C	35°C	45°C	25°C	35°C	45°C	25°C	35°C	45°C	25°C	35°C	45°C
XSM-400-C (5.7W)	●	●	●	●	●	●	●	●	●	●	●	●
XSM-700-C (9.7W)	●	●	●	●	●	●	●	●	●	●	●	●
XSM-1000-C (13W)	●	●	●	●	●	●	●	●	●	●	●	●
XSM-1300-C (17.8W)	●	●	●	●	●	●	●	●	●	●	●	●
XSM-2000-C (28.8W)	●	●	●	●	●	●	●	●	●	●	●	●
XSM-3000-C (45W)	●	●	●	●	●	●	●	●	●	●	●	●
XSM-400-B (6.2W)	●	●	●	●	●	●	●	●	●	●	●	●
XSM-700-B (12.4W)	●	●	●	●	●	●	●	●	●	●	●	●
XSM-1000-B (18.3W)	●	●	●	●	●	●	●	●	●	●	●	●
XSM-1300-B (21.4W)	●	●	●	●	●	●	●	●	●	●	●	●
XSM-2000-B (36.3W)	●	●	●	●	●	●	●	●	●	●	●	●

※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.