

GooLED

XSA-326 Pin Fin LED Heat Sink Φ 78mm for Xicato

Features VS Benefits

- * The XSA-326 Modular Passive LED Heat Sink are specifically designed for luminaires using the Xicato LED Modules.
- * Mechanical compatibility with direct mounting of the LED modules to the LED cooler and thermal performance matching the lumen packages.
- * Thermal resistance range R_{th} 2.1°C/W.
- * Xicato Thermal Class J , (60° tilt angle, 40°C ambient) .
- * The cooler design with mounting holes foreseen for direct mounting of Xicato XSM、XIM and XTM Modules .
- * Diameter 78mm - Standard height 50mm , Other heights on request.
- * Forged from highly conductive aluminum.



*The XSA-326 Xicato modular passive LED cooler is standard foreseen from a variety of mounting holes which allow direct mounting of all Xicato Spot and down light LED modules and secondary optics on the Pin Fin LED heat sink.

*In this way mechanical afterwork and related costs can be avoided, and lighting designers can standardize their designs on a limited number of LED coolers.

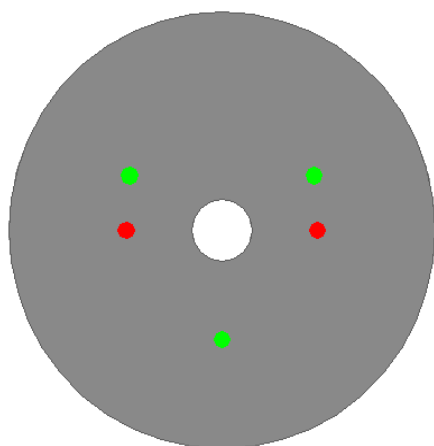
*Below you find an overview of Xicato LED modules which standard fit on the XSA-326 Pin Fin LED heat sinks.

*MingFa performs thermal validation tests on each of the LED modules mounted on the LED cooler and publishes.

*This data in the Xicato Cooler thermal validation reports.

*For a full overview of available LED coolers for Xicato LEDs, please refer to the Xicato LED cooler overview on.

XICATO



XSA-326 standard height 50mm for Xicato LED modules Mounting Options

Xicato XSM LED modules name :

XSM8027-xxxx ; XSM9530-xxxx ;
XSM8030-xxxx ; XSM9540-xxxx ;
XSM8040-xxxx ; XSMV830-xxxx ;
XSM9527-xxxx ;

Direct mounting with 3 screws M3 x 12mm ;
Green indicator marks.

Xicato XIM LED modules name :

XIM198027-xxx ; XIM198040-xxx ;
XIM198030-xxx ; XIM19V830-xxx ;
XIM198035-xxx ;

Direct mounting with 3 screws M3 x 20mm ;
Green indicator marks.

Xicato XTM LED modules:

XTM19-8027-xxx ; XTM19-8040-xxx ;
XTM19-8030-xxx ; XTM19-V830-xxx ;
XTM19-8035-xxx ;

Direct mounting with 3 screws M3 x 10mm ;
Green indicator marks.
Direct mounting by Zhaga mounting holes with 2 screws M3 x 10mm ;
Red indicator marks.

Mounting Options and Drawings & Dimensions

Example: XSA-326-M3-B-2

Example: XSA-326-M3-**1**-**2**

1 Anodising Color

B-Black

C-Clear

Z-Custom

2 Mounting Options - see graphics for details Combinations available

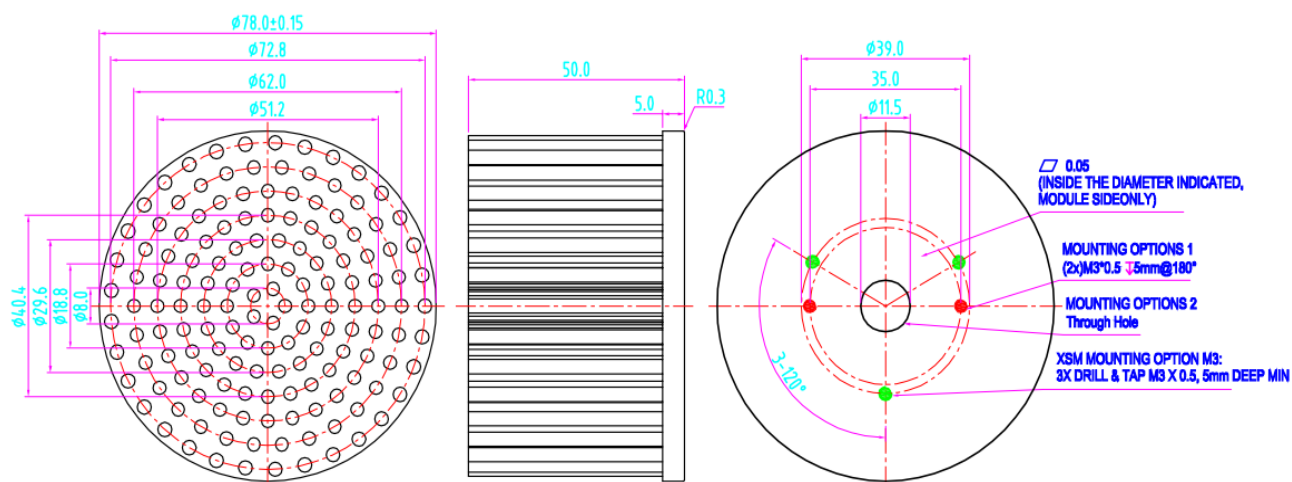
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means option 1 and 2 combined


MingFa recommends the use of a high Thermal conductive interface between the LED Module and the LED cooler. Either thermal grease, A thermal pad or a phase change thermal pad Thickness 0.1-0.15mm is recommended.

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MOUNTING OPTION	PART NUMBER	THREAD	THREAD DEPTH
NONE	XSA-326-M3-#-N	NONE	NONE
1	XSA-326-M3-#-1	(2x)M3*0.5	5mm
2	XSA-326-M3-#-2	$\Phi 11.5$	Through-hole
3			



The thermal data table

	
	<i>XSA-326</i>
Model No.	XSA-326
Size	Φ78xH50mm
Material	AL 1070
Finish	Black Anodized
Weight(g)	197
Thermal Wattage	24W
HeatsinkOs-a²	75332
Thermal Resistance (°C/W)²	2.1

$P_d = P_e \times (1-\eta_L)$		Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
		XSA-326	XSA-326
Dissipated Power Pd(W)	2.5W	3.2	8
	4.5W	2.9	13
	7.0W	2.6	18.5
	9.5W	2.4	23
	12W	2.3	27.5
	18W	2.2	39
	24W	2.1	49
	30W	1.8	54

