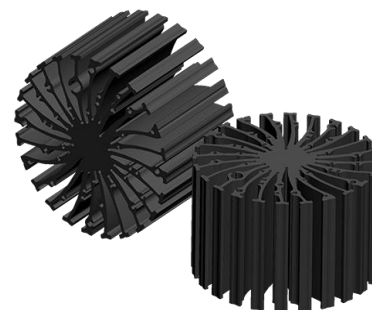


EtraLED

XSA-386 Modular Passive LED Cooler $\Phi 130\text{mm}$ for Xicato

Features VS Benefits

- * The XSA-386 Star Heat Sinks 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} 0.9°C/W . For downlight designs from 1800 to 4500 lumen.
- * Xicato Thermal Class **Q**, (60° tilt angle, 40°C ambient) .
- * The cooler design with mounting holes foreseen for direct mounting of Xicato XSM, XIM and XTM Modules .
- * Diameter 130mm - Standard height 40mm , Other heights on request.
- * Extruded from highly conductive aluminum.



*The XSA-386 Xicato Star Heat Sink 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 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.

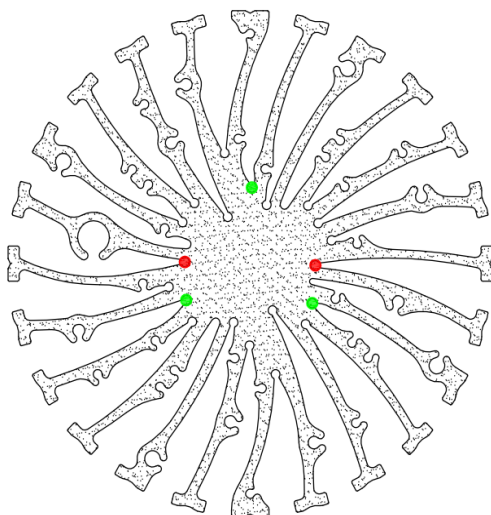
*Below you find an overview of Xicato LED modules which standard fit on the XSA-386 Star Heat Sinks.

*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-386 standard height 40mm 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-386-M3-B-2

Example: XSA-386-M3 - **1** - **2**

1 Anodising Color

B-Black

C-Clear

Z-Custom

2 Mounting Options - see graphics for details Combinations available

Ex.order code - 12

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.

Notes:

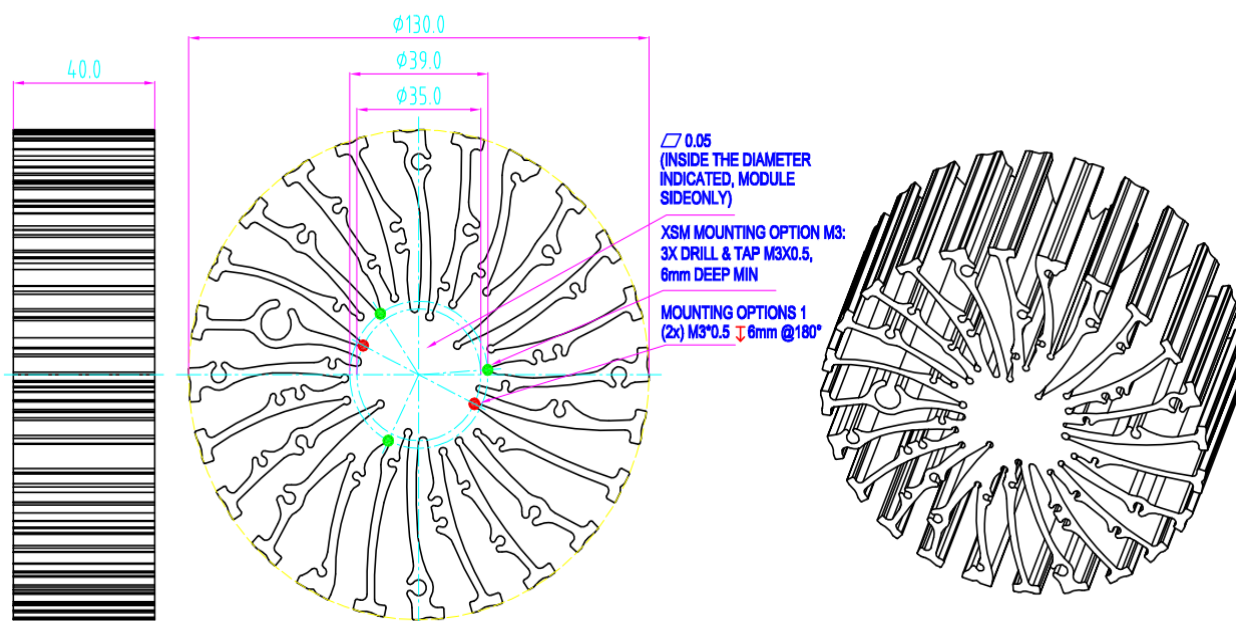
- Mentioned models are an extraction of full product range.

- For specific mechanical adaptations please contact MingfaTech.

- MingfaTech reserves the right to change products or specifications without prior notice.

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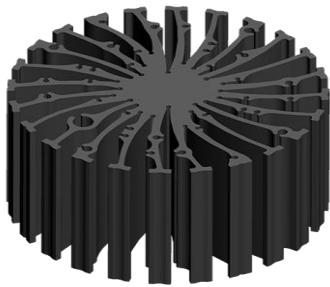
MOUNTING OPTION	PART NUMBER	THREAD	THREAD DEPTH
NONE	XSA-386-M3-B-N	NONE	NONE
1	XSA-386-M3-B-1	M3*0.5	6mm



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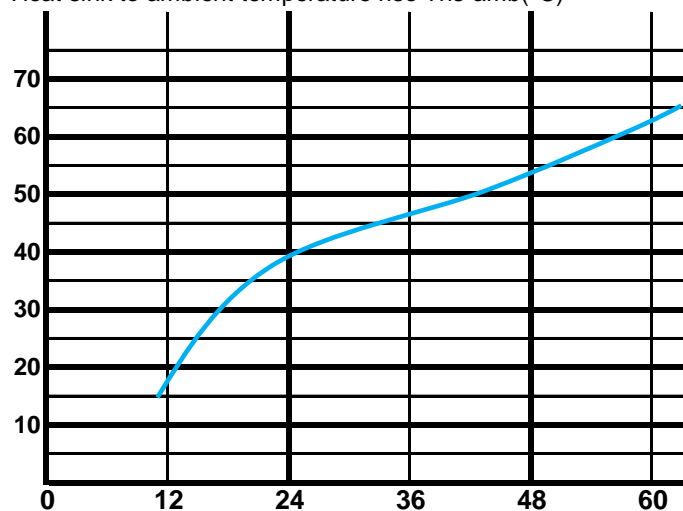
XSA-386 Modular Passive LED Cooler Φ130mm for Xicato

The thermal data table

	
Model No.	XSA-386
Size	Φ130xH40mm
Material	AL6063-T5
Finish	Black Anodized
Weight(g)	553
Thermal Wattage	51W
HeatsinkOs-a²	127858
Thermal Resistance (°C/W)²	0.98

Pd = Pe x (1-η L)		Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
		XSA-386	XSA-386
Dissipated Power Pd(W)	12	1.4	17
	24	1.25	30
	35	1.2	40
	42	1.0	42
	50	0.98	49
	60	0.9	53

Heat sink to ambient temperature rise Ths-amb(°C)



Dissipated Power Pd(W)