

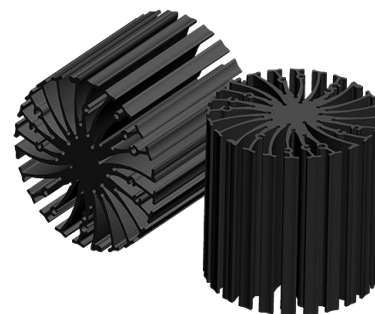


EtraLED

XSA-383 Modular Passive LED Cooler Ø85mm for Xicato

Features VS Benefits

- * The XSA-383 Modular Passive LED 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.
- * Designs for XSM Module from 1300 to 4200 lumen.
- * Thermal resistance range R_{th} 1.3°C/W. (Thermal class N)
- * Modular design with mounting holes foreseen for direct mounting of Xicato XSM, XTM and XIM Modules .
- * Diameter 85mm - standard height 80mm, Other heights on request.
- * Extruded from highly conductive aluminum.



*The XSA-383 Xicato modular passive LED 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.

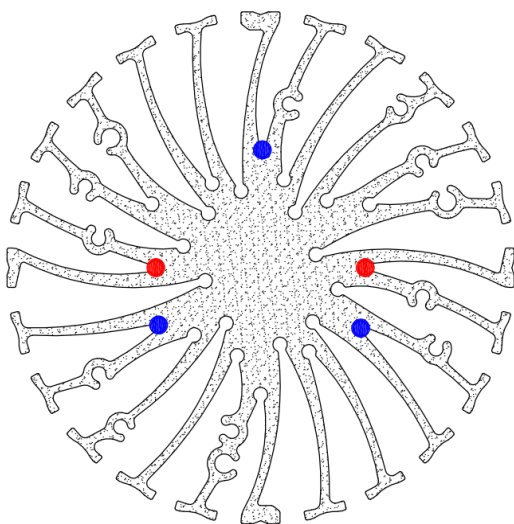
*Below you find an overview of Xicato LED modules which standard fit on the XSA-383 Passive LED Star Heat Sinks.

*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-383 standard height 80mm for Xicato LED modules Mounting Options

Xicato XSM LED modules name :

XSM80xx-400 ;	XSM80xx-2000 ;	XSMV8xx-1300 ;
XSM80xx-700 ;	XSM80xx-3000 ;	XSMV8xx-2000 ;
XSM80xx-1000 ;	XSM80xx-4000 ;	XSMV8xx-3000 ;
XSM80xx-1300 ;		

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

Xicato XIM LED modules name :

XIM1980xx13 ;	XIM1980xx20 ;
XIM19V8xx13 ;	XIM19V8xx20 ;
XIM1995xx13 ;	

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

Xicato XTM LED modules:

XTM1980xx13 ;	XTM1980xx50 ;	XTM19V8xx13 ;	XTM19V9xx13 ;
XTM1980xx20 ;	XTM1995xx13 ;	XTM19V8xx20 ;	XTM19V9xx20 ;
XTM1980xx30 ;	XTM1995xx20 ;	XTM19V8xx30 ;	XTM19V9xx30 ;
XTM1980xx40 ;	XTM1995xx30 ;		

Direct mounting with 3 screws M3 x 8mm ;
Blue indicator marks.

Direct mounting by Zhaga mounting holes with 2 screws M3 x 8mm ;
Red indicator marks.



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Mounting Options and Drawings & Dimensions

Example: XSA-383-M3-B-2

Example: XSA-383-M3 - **1** - **2**

1 Anodising Color

B-Black

C-Clear

Z-Custom

2 Mounting Options - see graphics for

details Combinations available

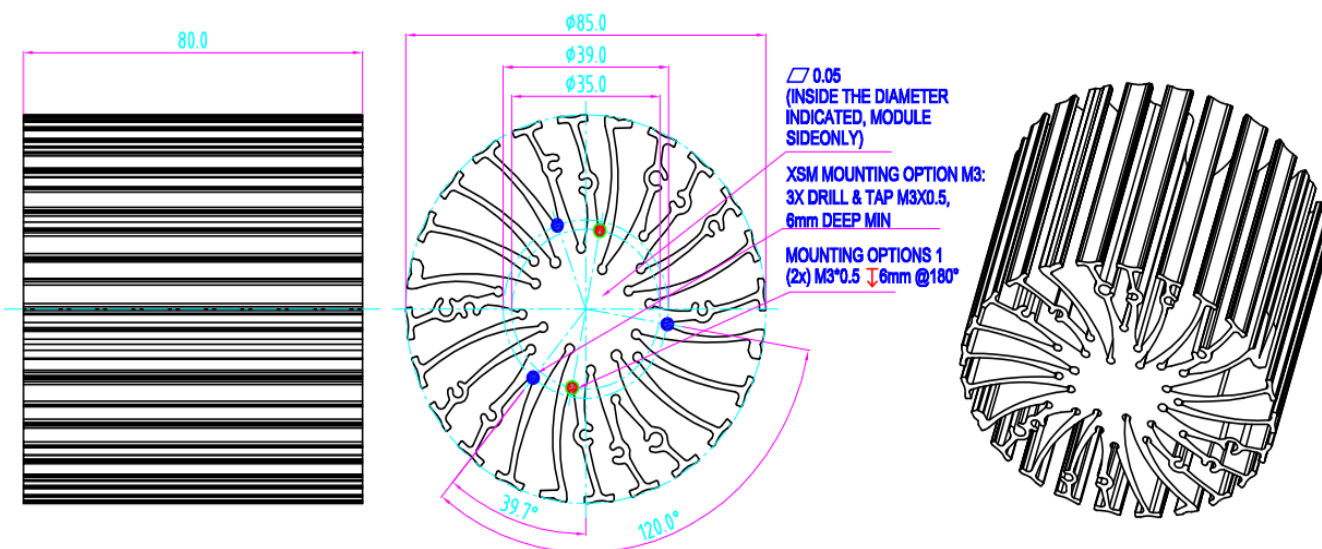
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means option 1 and 2 combined

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.

XICATO

MOUNTING OPTION	PART NUMBER	THREAD	THREAD DEPTH
NONE	XSA-383-M3-B-N	NONE	NONE
1	XSA-383-M3-B-1	M3*0.5	6mm



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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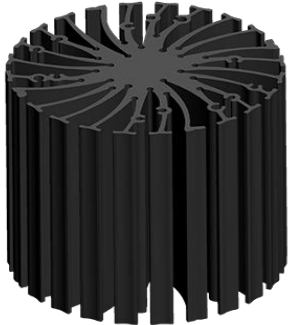
E-fax: +86-(020)28819702 ext22122

Http://www.heatsinkled.com

Http://www.mingfatech.com



The thermal data table

	
Model No.	XSA-383
Size	Ø85xH80mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	458
Thermal Wattage	38W
HeatsinkOs-a²	148458
Thermal Resistance (°C/W)²	1.3

$P_d = P_e \times (1 - \eta_L)$		Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
		XSA-383	XSA-383
Dissipated Power Pd(W)	10W	1.9	19
	15W	1.7	26
	20W	1.6	32
	25W	1.5	37
	30W	1.4	43
	35W	1.4	48
	40W	1.3	53
	50W	1.2	62

