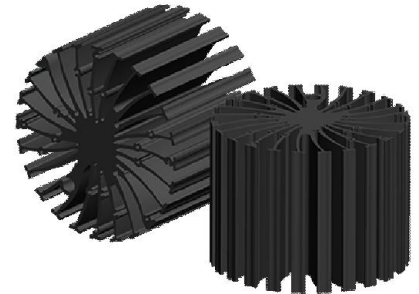


**EtraLED**

**GooLED-XIT-11080 Modular Passive LED Star Heat Sink  $\Phi$ 110mm for Xicato**

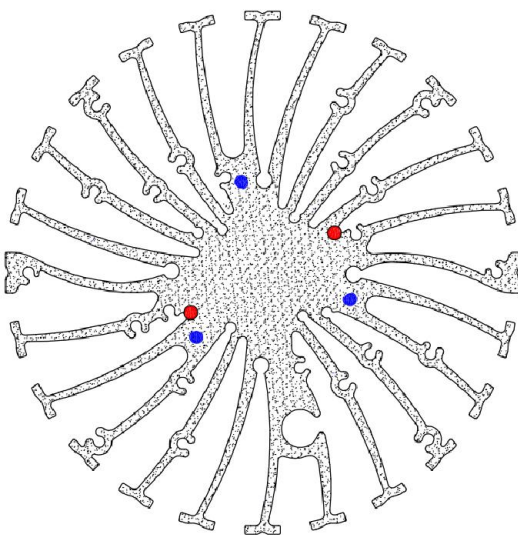
**Features VS Benefits**

- \* The EtraLED-XIT-11080 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 2000 to 6400 lumen.
- \* Thermal resistance range Rth 0.9°C/W. ( Thermal class Q )
- \* Modular design with mounting holes foreseen for direct mounting of Xicato XSM, XTM and XIM Modules .
- \* Diameter 110mm - standard height 80mm, Other heights on request.
- \* Extruded from highly conductive aluminum.



- \*The EtraLED-XIT-11080 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 EtraLED-XIT-11080 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**



**EtraLED-XIT-11080 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.

**Mounting Options and Drawings & Dimensions**

Example: EtraLED-XIT-11080-B-2

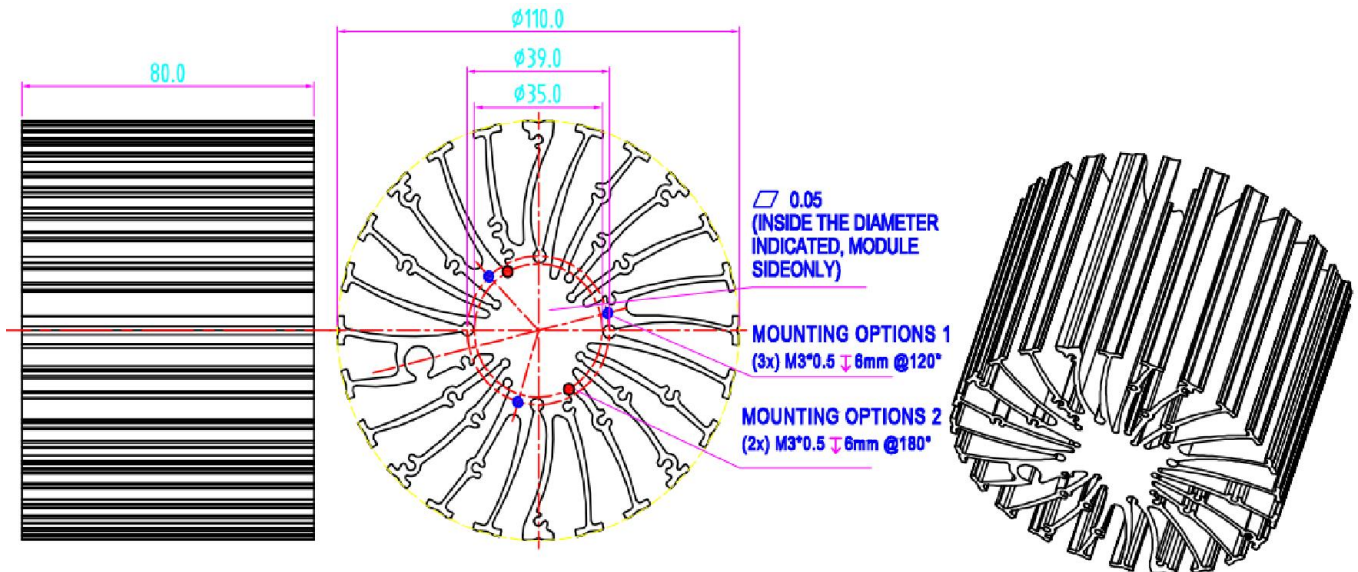
Example: EtraLED-XIT-110 **1** - **2** - **3**

- 1** Hight (mm)
- 2** Anodising Color  
B-Black  
C-Clear  
Z-Custom
- 3** Mounting Options - see graphics for details Combinations available  
Ex.order code - 12  
means option 1 and 2 combined

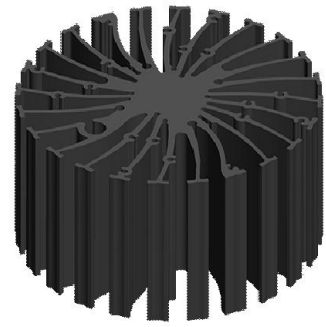
**XICATO**

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.

MOUNTING OPTION	PART NUMBER	THREAD	THREAD DEPTH
NONE	EtraLED-XIT-110#-B-N	NONE	NONE
1	EtraLED-XIT-110#-B-1	M3*0.5	6mm
2	EtraLED-XIT-110#-B-2	M3*0.5	6mm



The thermal data table

	
<b>Model No.</b>	<b>EtraLED-XIT-11080</b>
<b>Size</b>	<b><math>\Phi</math>110xH80mm</b>
<b>Material</b>	<b>AL6063-T5</b>
<b>Finish</b>	<b>Black Anodized</b>
<b>Weight(gr)</b>	<b>662</b>
<b>Thermal Wattage</b>	<b>57W</b>
<b>HeatsinkOs-a<sup>2</sup></b>	<b>194856</b>
<b>Thermal Resistance (<math>^{\circ}</math>C/W)<sup>2</sup></b>	<b>0.9</b>

Dissipated Power Pd(W)	Pd = Pe x (1- $\eta$ L)	Heat sink to ambient thermal resistance Rhs-amb ( $^{\circ}$ C/W)	Heat sink to ambient temperature rise Ths-amb ( $^{\circ}$ C)
		EtraLED-XIT-11080	EtraLED-XIT-11080
10W		1.3	13
15W		1.2	18
20W		1.1	22
25W		1.1	27.5
35W		1.0	35
45W		0.95	43
55W		0.9	49
60W		0.88	54

