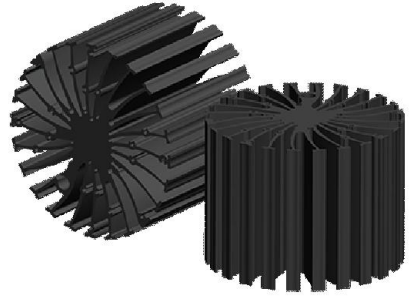


**EtraLED**

**EtraLED-XIT-11050 Modular Passive LED Star Heat Sink  $\Phi$ 110mm for Xicato**

**Features VS Benefits**

- \* The EtraLED-XIT-11050 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 1600 to 5300 lumen.
- \* Thermal resistance range Rth 1.1°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 50mm, Other heights on request.
- \* Extruded from highly conductive aluminum.



\*The EtraLED-XIT-11050 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.

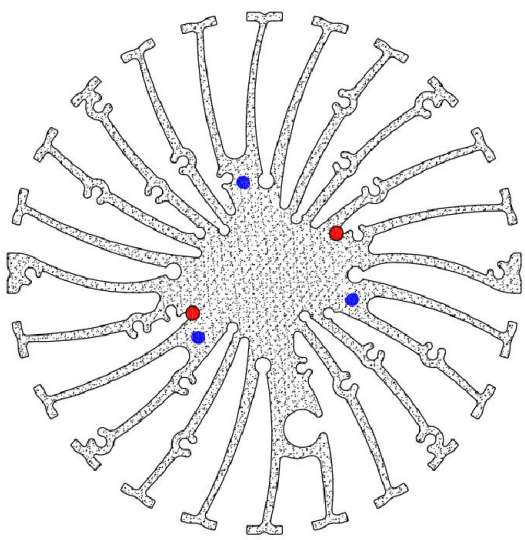
\*Below you find an overview of Xicato LED modules which standard fit on the EtraLED-XIT-11050 Passive LED Star Heat Sinks.

\*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-11050 standard height 50mm 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-11050-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

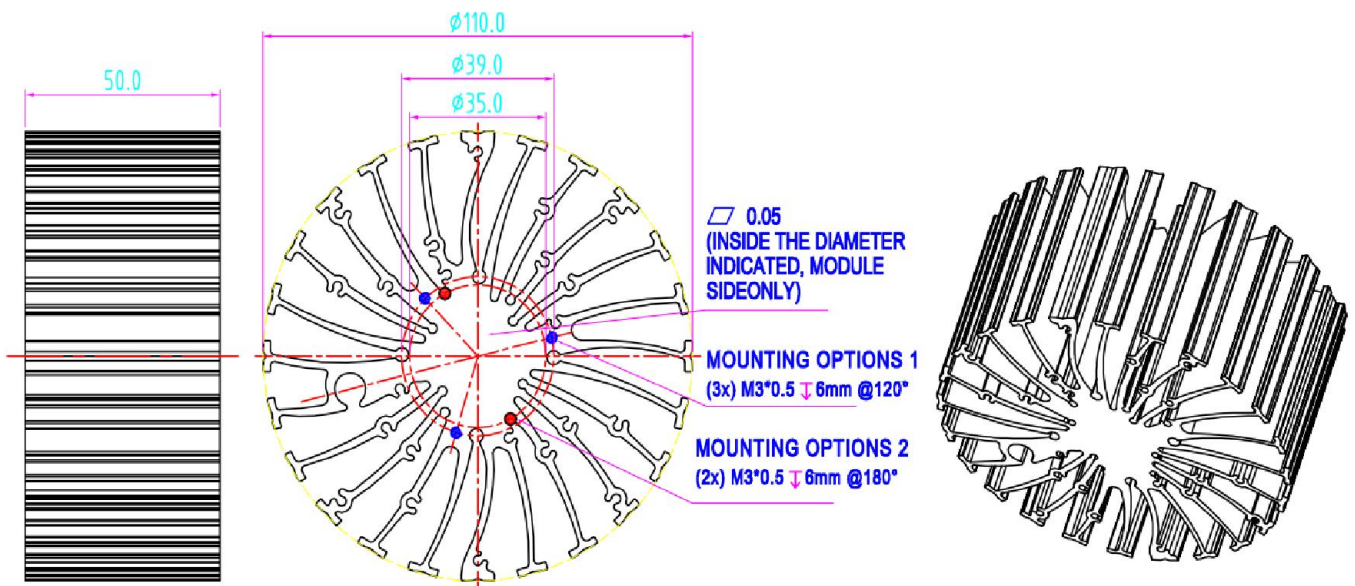
Ex.order code - 12

means option 1 and 2 combined

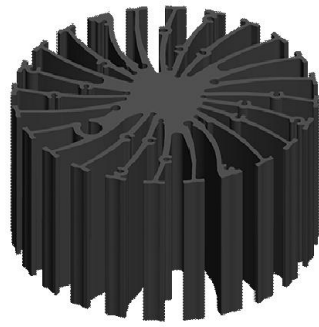
MingFa recommends the use of a high thermal conductive interface between the LED module and the LED cooler. Either thermal grease, a thermal pad or a phase change thermal pad thickness 0.1-0.15mm is recommended.

**XICATO**

MOUNTING OPTION	PART NUMBER	THREAD	THREAD DEPTH
NONE	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-11050</b>
<b>Size</b>	<b><math>\Phi</math>110xH50mm</b>
<b>Material</b>	<b>AL6063-T5</b>
<b>Finish</b>	<b>Black Anodized</b>
<b>Weight(gr)</b>	<b>414</b>
<b>Thermal Wattage</b>	<b>48W</b>
<b>HeatsinkOs-a<sup>2</sup></b>	<b>124084</b>
<b>Thermal Resistance (<math>^{\circ}</math>C/W)<sup>2</sup></b>	<b>1.1</b>

	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-11050	EtraLED-XIT-11050
Dissipated Power Pd(W)	5W	3.4	17.5
	15W	1.43	21.5
	20W	1.32	26.4
	25W	1.21	30.3
	30W	1.32	39.6
	35W	1.2	40.3
	40W	1.15	45
	45W	1.1	48.5
	50W	1.05	52.5

