



for

LED

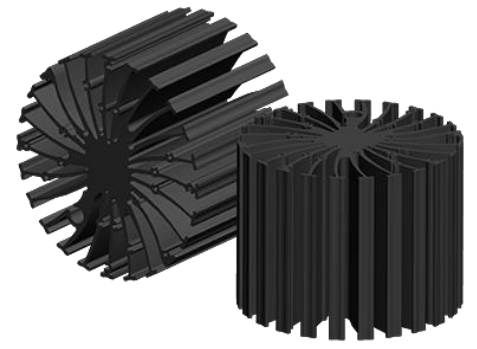


EtraLED

EtraLED-SHA-11080 Sharp Modular Passive Star LED Heat Sink Φ 110mm

Features VS Benefits

- * The EtraLED-SHA-11080 Sharp Modular Passive Star LED Heat Sinks are specifically designed for luminaires using the Sharp LED engines.
- * Mechanical compatibility with direct mounting of the LED engines to the LED cooler and thermal performance matching the lumen packages.
- * For spotlight and downlight designs from 2800 to 6900 lumen.
- * Thermal resistance range Rth 0.9°C/W.
- * Modular design with mounting holes foreseen for direct mounting of SHARP Intermo and Mega Zenigata LED engines.
- * Diameter 110mm - standard height 100mm Other heights on request.
- * Extruded from highly conductive aluminum.



Zhaga LED engine and radiator assembly is a unified future international standardization

- * Below you find an overview of Sharp engines COB's and LED modules which standard fit on the EtraLED Star LED Heat Sinks.
- * In this way mechanical after work and related costs can be avoided, and lighting designers can standardize their designs on a limited number of Star LED Heat Sinks.

SHARP



Sharp LED engines Mounting Options.

Mega Zenigata LED modules names:

- | | |
|--------------|--------------|
| GW6DMC27XFC; | GW6DGC27XFC; |
| GW6DMC30XFC; | GW6DGC30XFC; |
| GW6DMC40XFC; | GW6DGC40XFC; |
| GW6DMC50XFC; | GW6DGC50XFC; |
| GW6DMD27XFC; | GW6DGD27XFC; |
| GW6DMD30XFC; | GW6DGD30XFC; |
| GW6DMD40XFC; | GW6DGD40XFC; |
| GW6DMD50XFC; | GW6DGD50XFC; |
| GW6DME27XFC; | GW6DGE27XFC; |
| GW6DME30XFC; | GW6DGE30XFC; |
| GW6DME40XFC; | GW6DGE40XFC; |
| GW6DME50XFC; | GW6DGE50XFC; |

Zhaga Book3 connector:
 BIB Spotlight connector:47.319.2011.50;
 TE Connectivity:2213130-2

Intermo LED modules name:

For the Standard LED modules:

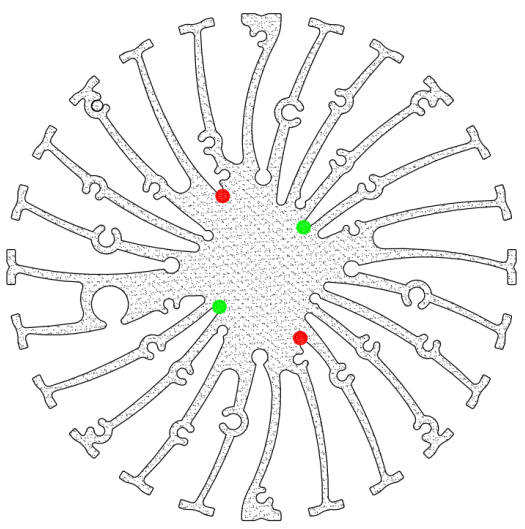
- | | |
|--------------|--------------|
| GW7MMD30GZC; | GW7MGE40GZC; |
| GW7MGE30GZC; | GW7MME30GZC; |
| GW7MMD40GZC; | GW7MME40GZC; |

Direct mounting with machine screws M3x8mm;
 Red indicator marks

For the Slim LED modules:

- | | |
|--------------|--------------|
| GW7MMD30GSC; | GW7MGE40GSC; |
| GW7MGE30GSC; | GW7MME30GSC; |
| GW7MMD40GSC; | GW7MME40GSC; |

Direct mounting with machine screws M3x8mm;
 Red indicator marks



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Mounting Options and Drawings & Dimensions

Example: EtraLED-SHA-11080-B-3

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

- 1** Height (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

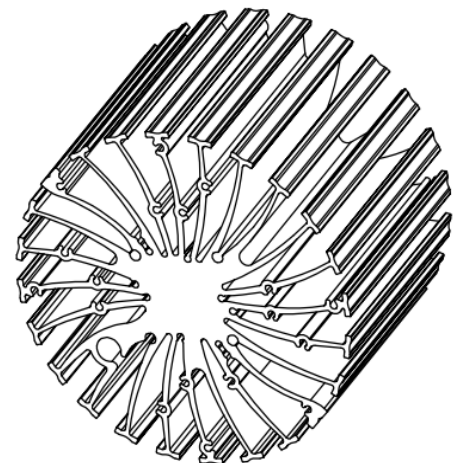
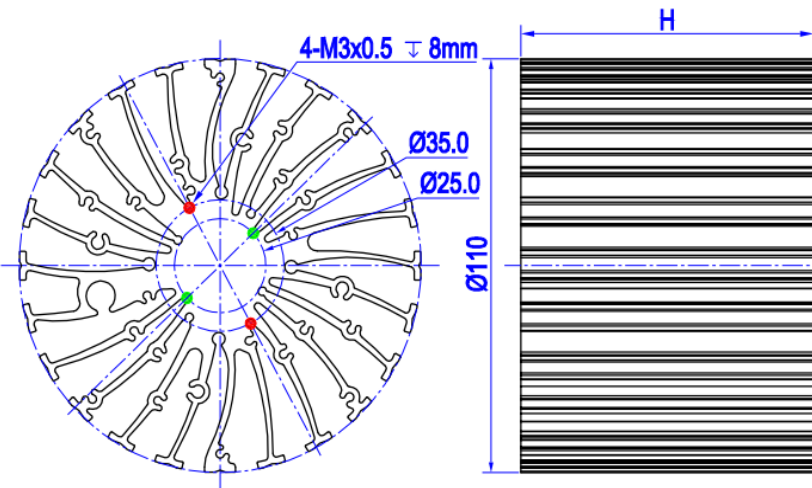
Notes:

- 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.

SHARP



MOUNTING OPTION	Module type	Holder NO.	THREAD	THREAD DEPTH	THREAD HOLE DISTANCE
1	Mini ZENIGATA	BJB (47.319.6180.50)	M3	8mm	25.0mm/ @180°
2	Mega ZENIGATA	BJB (47.319.2011.50)	M3	8mm	35.0mm/ @180°
		Type (2213130-2)			
	Standard Slim	/			



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The thermal data table

	 <i>EtraLED-11080</i>
Model No.	EtraLED-SHA-11080
Size	Φ110xH80mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	662.0
Thermal Wattage	57.0W
HeatsinkΘs-a²	194856
Heat Sink T Rise Above Ambient	0.9

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

