



for

LED

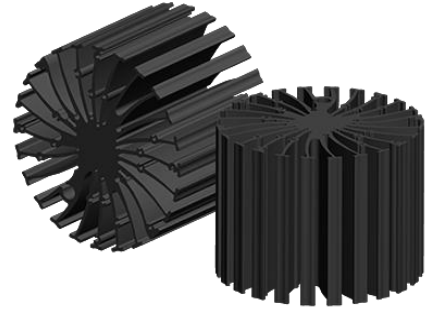


EtraLED

EtraLED-PRO-11050 Prolight Modular Passive Star LED Heat Sink Φ 110mm

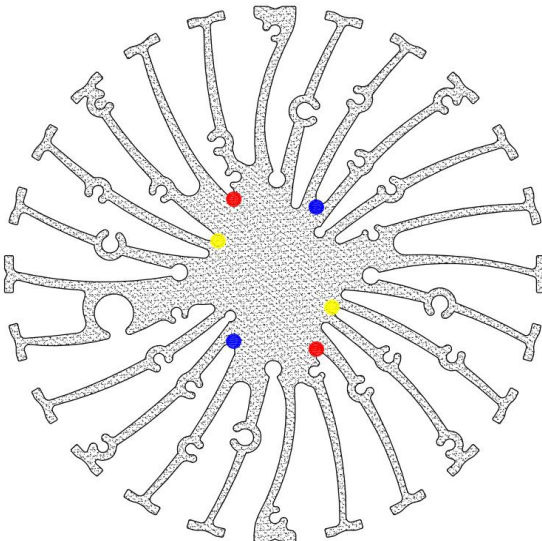
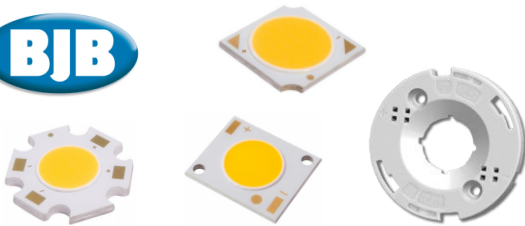
Features VS Benefits

- * The EtraLED-PRO-11050 Prolight Modular Passive Star LED Heat Sinks are specifically designed for luminaires using the Prolight 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 2400 to 6000 lumen.
- * Thermal resistance range R_{th} 1.1°C/W.
- * Modular design with mounting holes foreseen for direct mounting of Prolight COB series LED engines.
- * Diameter 110mm - standard height 50mm 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 Prolight 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.



Prolight LED engines Mounting Options

COB CII Series Modules names:

PACC-18xxx-xxxx ;

With Zhaga Book 3 for green indicator marks:
 BJB Holder:47.319.2021.50;
 Direct mounting with machine screws M3x8mm;
 Without LED holders for yellow indicator marks.
 Direct mounting with machine screws M3x6mm;

COB BI Series Modules names:

PABA-26xxx-xxxx ;
 PABA-35xxx-xxxx ;
 PABA 50xxx-xxxx ;

With Zhaga Book 3 for green indicator marks:
 BJB Holder:47.319.2040.50;
 Direct mounting with machine screws M3x8mm;
 Without LED holders for yellow indicator marks.
 Direct mounting with machine screws M3x6mm;

COB CIII Series Modules names:

PACC-40xxx-xxxx ;

With Zhaga Book 3 for green indicator marks:
 BJB Holder:47.319.2030.50;
 Direct mounting with machine screws M3x8mm;
 Without LED holders for blue indicator marks.
 Direct mounting with machine screws M3x6mm;



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Mounting Options and Drawings & Dimensions

Example: EtraLED-PRO-11050-B-3

Example: EtraLED-PRO-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



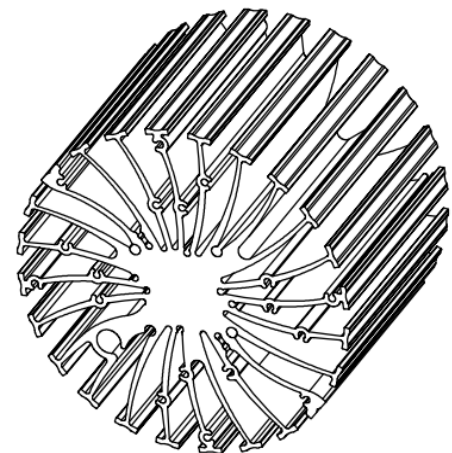
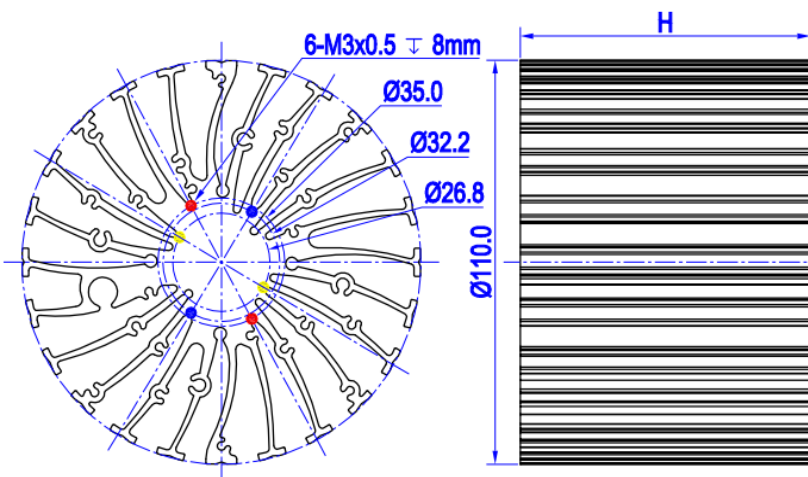
ProLight Opto
Technology Corporation



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.

MOUNTING OPTION	Module type	Holder NO.	THREAD	THREAD DEPTH	THREAD HOLE DISTANCE
1	COB BI Series COB CII Series	/	M3	6mm	26.8mm/ 2-@180°
2	COB CIII Series	/	M3	6mm	32.2mm/ 2-@180°
3	COB CII Series	BJB 47.319.2021.50	M3	8mm	35.0mm/ 2-@180° Zhaga Book3
	COB CIII Series	BJB 47.319.2030.50			
	COB BI Series	BJB 47.319.2040.50			



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The thermal data table

	 <i>EtraLED-11050</i>
Model No.	EtraLED-PRO-11050
Size	Φ110xH50mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	414.0
Thermal Wattage	48.0W
HeatsinkΘs-a²	124084
Heat Sink T Rise Above Ambient	1.1

Dissipated Power Pd(W)	Pd = Pe x (1- η L)	Heat sink to ambient thermal resistance Rhs-amb ($^{\circ}$ C/W)	Heat sink to ambient temperature rise Ths-amb ($^{\circ}$ C)
		EtraLED-PRO-11050	EtraLED-PRO-11050
5		3.40	17.50
15		1.43	21.50
20		1.32	26.40
25		1.21	30.30
30		1.32	39.60
35		1.20	40.30
40		1.15	45.00
45		1.10	48.50
50		1.05	52.50

