



for

LED

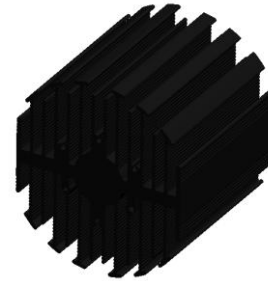


eLED

eLED-PRO-9580 Prolight Modular Passive Star LED Heat Sink Ø95mm

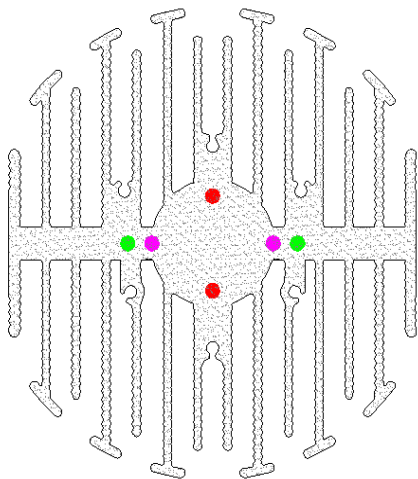
Features VS Benefits

- * The eLED-PRO-9580 Prolight Modular Passive LED Coolers 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 2100 to 5500 lumen.
- * Thermal resistance range Rth 1.1°C/W.
- * Modular design with mounting holes foreseen for direct mounting of Prolight N SERIRS CI Series, CII SERIRS, CIII SERIRS BI SERIRS and BS SERIRS engines.
- * Diameter 95mm - standard height 80mm Other heights on request.
- * Extruded from highly conductive aluminum.



Prolight LED engine and radiator assembly directly Mounting Options

- * Below you find an overview of Prolight COB's and LED modules which standard fit on the eLED 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 LED coolers.



Prolight COB engines Mounting Options

COB CI Series Modules names:

- PACB-5xxx-xxxx ;
- PACB-7xxx-xxxx ;
- PACB-9xxx-xxxx ;

Pink indicator marks: Zhaga Book 11 BJB Holder:47.319.6060.50;
 Green indicator marks: Zhaga Book3 BJB Holder:47.319.2040.50
 Mounting with machine screws M3x8mm ;
 Red indicator marks ;
 Direct mounting machine screws M3x6mm ;

COB CII SERIRS Modules names:

- PACC-18xxx-xxxx ;

Blue indicator marks:
 Direct mounting with machine screws M3x6mm;

COB BS SERIRS Modlue names:

- PABS-6xxx-xxxx ;
- PABS-9xxx-xxxx ;

Red indicator marks:
 Direct mounting with machine screws M3x6mm;





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eLED-PRO-9580 Prolight Modular Passive Star LED Heat Sink $\Phi 95\text{mm}$

Mounting Options and Drawings & Dimensions

Example:eLED-PRO-9580-B-3

Example:eLED-PRO-95 **1** - **2** - **3**

1 Height (mm)

2 Anodising Color

B-Black

C-Clear

Z-Custom

3 Mounting options;

On request;

Mounting holes, cable holes;

Screw thread, thermal interface pad.



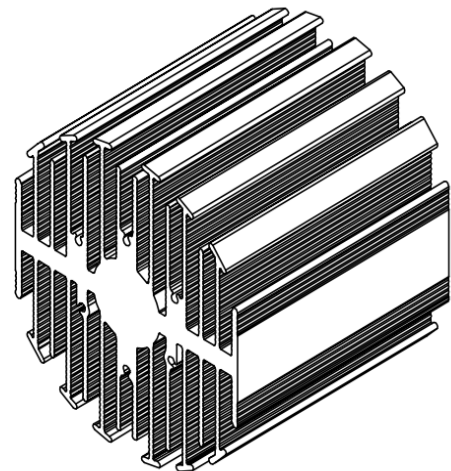
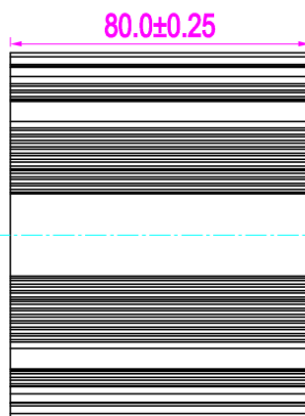
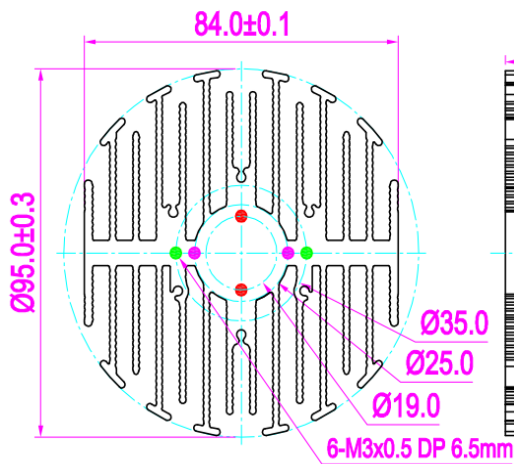
ProLight Opto
Technology Corporation



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 CI Series COB BS SERIRS	/	M3	6.5mm	19mm/ 2-@180°
2	COB CI Series	BJB:47.319.6060.50;	M3	6.5mm	25mm/ 2-@180° Zhaga Book 11
3	COB CI Series COB BI SERIRS	BJB:47.319.2040.50;	M3	6.5mm	35mm/ 2-@180° Zhaga Book3



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eLED-PRO-9580 Prolight Modular Passive Star LED Heat Sink Φ 95mm

The thermal data table

	 <i>eLED-9580</i>
Model No.	eLED-PRO-9580
Size	Φ95xH80mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	564
Thermal Wattage	49.2W
HeatsinkOs-a²	170178
Heat Sink T Rise Above Ambient	1.1

Dissipated Power Pd(W)	Heat sink to ambient thermal resistance Rhs-amb (°C/W)		Heat sink to ambient temperature rise Ths-amb (°C)	
	eLED-PRO-9580			
10	1.6	16		
20	1.3	26		
30	1.2	35		
40	1.1	44		
50	1.0	52		

