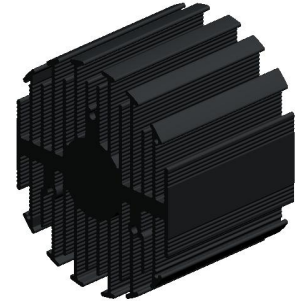


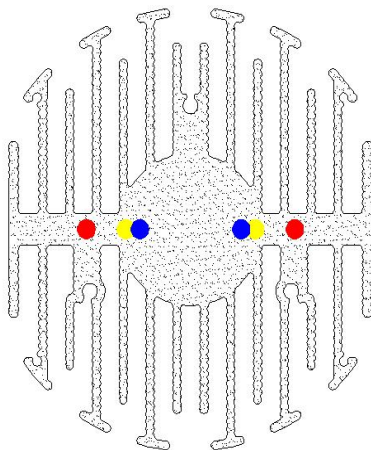
Features VS Benefits

- * The eLED-LUM-7050 LUMILEDS Modular Passive LED Coolers are specifically designed for luminaires using the LUMILEDS 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 1000 to 2600 lumen.
- * Thermal resistance range R_{th} 2.18°C/W.
- * Modular design with mounting holes foreseen for direct mounting of LUMILEDS Luxeon K and LueonCOB engines.
- * Diameter 70mm - 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 LUMILEDS COB's and LED modules which standard fit on the eLED coolers.
- * 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.



LUMILEDS LED Modules Mounting Options

For the LuxeonCOB LED engines.

- LHC1-xxxx-1202;
- LHC1-xxxx-1203;

Zhaga Book3 TE holder:Z50 2213382-2;
Mounting with machine screws M3x6mm;
Red indicator marks;

- LHC1-xxxx-1204;
- LHC1-xxxx-1205;

Zhaga Book3 LED holder:
TE holder:Z50 2213130-2;
BJB holder:47.319.2011.50;
A.A.G Stucchi holder:8301/G2;
Red indicator marks;

For the Luxeon K 3-UP/4-UP LED engines.

- LXK8-PWxx-0403;
- LXK8-PWxx-0004;
- LXK9-PWxx-0004;

Direct mounting with machine screws M3x6mm;
Blue indicator marks.

For the Luxeon K 6-UP/8-UP LED engines.

- LXK8-PWxx-0206;
- LXK8-PWxx-0008;

Direct mounting with machine screws M3x6mm;
Yellow indicator marks.



eLED

eLED-LUM-7050 for LumiLEDs Modular Passive Star LED Heat Sink $\Phi 70\text{mm}$

Mounting Options and Drawings & Dimensions

Example: eLED-LUM-7050-B-3

Example: eLED-LUM-70 **1** - **2** - **3**

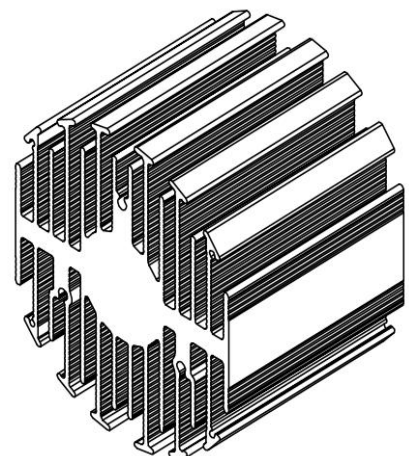
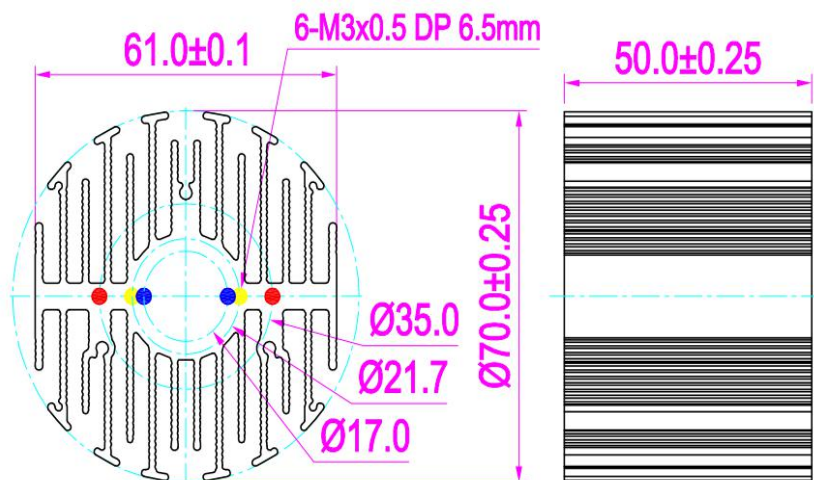
- 1** Height (mm)
- 2** Anodising Color
B-Black
C-Clear
Z-Custom
- 3** Mounting Options - see graphics for details Combinations available
Ex.order code - 12
means option 1 and 2 combined

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 specification without prior notice.



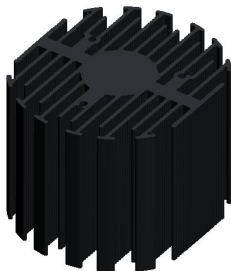
MOUNTING OPTION	Module type	Holder NO.	THREAD	THREAD DEPTH	THREAD HOLE DISTANCE
1	Luxeon K 3-UP Luxeon K 4-UP	/	M3	6.5mm	17.0mm/ @180°
2	Luxeon K 6-UP Luxeon K 8-UP	/	M3	6.5mm	21.7mm/ @180°
3	LuxeonCOB1202 LuxeonCOB1203	Type (Z50 2213382-2)	M3	6.5mm	35.0mm/ @180°



eLED

eLED-LUM-7050 for LumiLEDs Modular Passive Star LED Heat Sink $\Phi 70\text{mm}$

The thermal data table

	
	<i>eLED-7050</i>
Model No.	eLED-LUM-7050
Size	$\Phi 70 \times H 50\text{mm}$
Material	AL6063-T5
Finish	Black Anodized
Weight(g)	206
Thermal Wattage	22.9W
HeatsinkOs-a²	73369
Heat Sink T Rise Above Ambient	2.18

Disipated Power Pd(W)	Pd = Pe x (1-ηL)	Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise T _{hs-amb} (°C)
		eLED-LUM-7050	
5		3.40	17
10		2.80	28
15		2.70	37
20		2.25	45
25		2.16	54

