



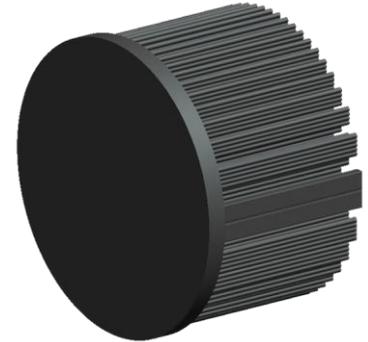
LED

xLED

xLED-ADU-8050 Pin Fin LED Heat Sink Φ 80mm for Adura

Features VS Benefits

- * The xLED-ADU-8050 Adura Pin Fin LED Heat Sinks are specifically designed for luminaires using the Adura 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 1200 to 3000 lumen.
- * Thermal resistance range R_{th} 1.96°C/W.
- * Modular design with mounting holes foreseen for direct mounting of Adura LOB series and Diamond series LED engines.
- * Diameter 80mm - standard height 50mm Other heights on request.
- * Forged from highly conductive aluminum.

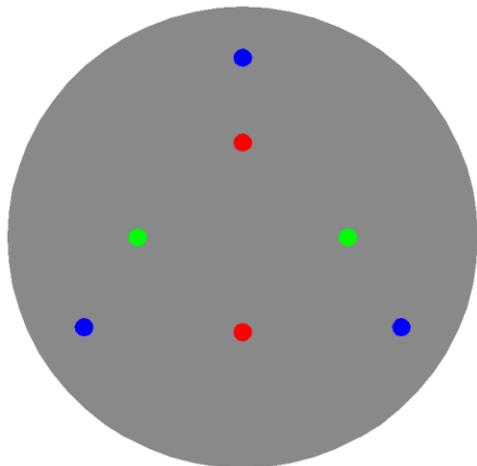


Zhaga LED engine and radiator assembly is a unified future international standardization

- * Below you find an overview of Adura COB's and LED modules which standard fit on the Pin Fin 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 Pin Fin LED Heat Sink.



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Adura LED Modules directly Mounting Options

LOB 1979C-A/1980C LED engines.

LOB-150026D-0093535-xxx-1x9C;
LOB-45009D-0093535-xxx-3x3C;

With Zhaga Book 3 LED holder

BJB holder: 47.313.2131.50;

Ideal Holde: 50-2103CT

Green indicator marks.

Mounting with machine screws M3x6.5mm;

LOB 1981C-A/1982C LED engines.

LOB-150046D-0163535-xxx-1x16;
LOB-300024D-0163535-xxx-2x8C;

With Zhaga Book 3 LED holder

BJB holder: 47.313.2030.50;

Ideal Holde: 50 - 2204 CT

Green indicator marks.

Mounting with machine screws M3x6.5mm;

Without LED holders for red indicator marks.

Direct mounting with machine screws M3x6.5mm;

Diamond series P/N:1970 LED engines.

CIR-150036D-0123535-xxx-1x12

Without LED holders for blue indicator marks.

Direct mounting with machine screws M3x6.5mm;

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Mounting Options and Drawings & Dimensions

Example: xLED-ADU-8050-B-1,2

Example: xLED-ADU-80 **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



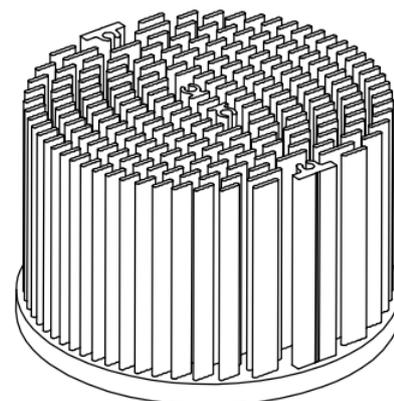
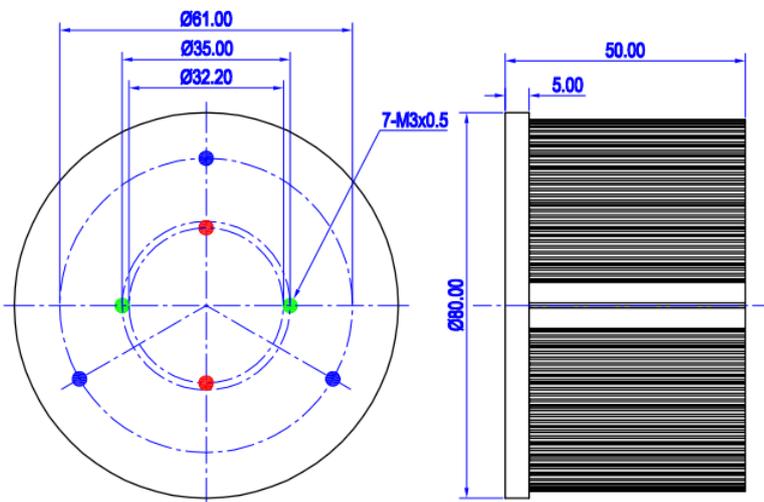
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Notes:

- 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.

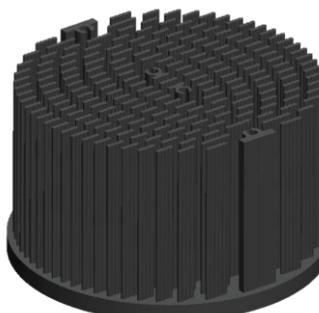
MOUNTING OPTION	Module type	Holder NO.	THREAD	THREAD DEPTH	THREAD HOLE DISTANCE
1	1981C-A; 1982C-A;	/	M3	6.5mm	32.2mm/ 2-@180°
2	1979C-A; 1980C-A;	Ideal Holde 50-2103CT	M3	6.5mm	35.0mm/ 2-@180°
		BJB 47.313.2131.50			
	1981C-A; 1982C-A;	Ideal Holde 50-2204CT	M3	6.5mm	35.0mm/ 2-@180°
		BJB 47.313.2030.50			
3	P/N:1970	/	M3	6.5mm	61.0mm/ 3-@120°



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The thermal data table

	 <i>xLED-8050</i>
Model No.	xLED-ADU-8050
Size	Φ80xH50mm
Material	AL1070
Finish	Black Anodized
Weight(gr)	197.0
Thermal Wattage	25.5W
HeatsinkOs-a²	120774
Heat Sink T Rise Above Ambient (°C/W)	1.96

Dissipated Power Pd(W)	Heat sink to ambient thermal resistance Rhs-amb (°C/W)		Heat sink to ambient temperature rise Ths-amb (°C)	
	xLED-ADU-8050			
6.0	2.8	17.0		
12.0	2.3	28.0		
18.0	2.2	40.0		
24.0	2.0	48.0		
30.0	1.9	57.0		

