

*HibayLED*

**HibayLED-CIT-265192**

**Citizen Modular vacuum phase-transition LED Heat Sink (Passive) Φ265mm**

**Features VS Benefits**

- \*The HibayLED-CIT-265192 Citizen Modular vacuum phase-transition LED Heat Sinks (Passive) are specifically designed for luminaires using the Citizen LED engines.
- \* Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's.
- \* For Highbay designs from 12000 to 25000 lumen.
- \* Thermal resistance range Rth 0.20°C/W.
- \* Modular design with mounting holes foreseen for direct mounting of CITIZEN CLU046, CLL050~CLL052 and CLU054,CLU056 LED engines.
- \* Diameter 265mm - standard height 192mm Other heights on request.



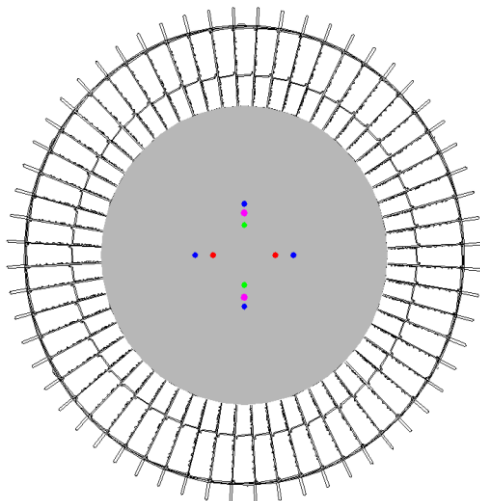
**Unique Advantages**

- \* Integration of heat super conduction and heat dissipation.Reduce heat conduct resistance of heatsink to ZERO;
- \* Low heat conduct temperaure difference, equivalent heatconductive ability 20 times better than copper;
- \* More than 30% reduce of volume and weight than normal heatsinks;
- \* Compared to normal extrusion heatsinks,Mingfa Tech's our vacuum phase-transition heatsinks can adapt higher power for the same size;
- \* Compared to normal extrusion heatsinks,Mingfa Tech's vacuum phase-transition LED heatsinks are much smaller volume and lighter weight for the same power;
- \* All aluminium,cost effective;

**CITIZEN**  
Micro HumanTech

**BJB**

A. A. G.  
**STUCCHI**  
Ideas are made of light



**Citizen LED Modules directly Mounting Options**

CLL040~042 and CLU044~CLU046 LED engines.

CLL046-1818C1->xxxxxx;

With Zhaga Book 3 LED holder  
BJB holder:47.319.2030.50;  
AAG.STUCCHI holder:8102-G2;

Red indicator marks.  
Mounting with machine screws M3x8mm;

Without LED holders for gree indicator marks.  
Direct mounting with machine screws M3x8mm;

**Citizen CLL050~CLL052 and CLU054~CLU056 LED Modules**

CLU056-1825C1->xxxxxx ;  
CLU056-3618C1->xxxxxx ;  
CLU050-1825A1->xxxxxx ;  
CLU052-1825B1->xxxxxx ;

With LED holder  
BJB Spotlight connector 47.319.4160.50  
Mounting with 4 screws M3 x 10mm  
Blue indicator marks  
Direct mounting with 2 screws M3 x 6mm  
Pink indicator marks

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Citizen Modular vacuum phase-transition LED Heat Sink (Passive)  $\Phi$ 265mm

Mounting Options and Drawings & Dimensions

Example:HibayLED-CIT-265192-B-1,2

Example:HibayLED-CIT-265192 **1** - **2** - **3**

- 1** Anodising Color
  - B-Black
  - C-Clear
  - Z-Custom

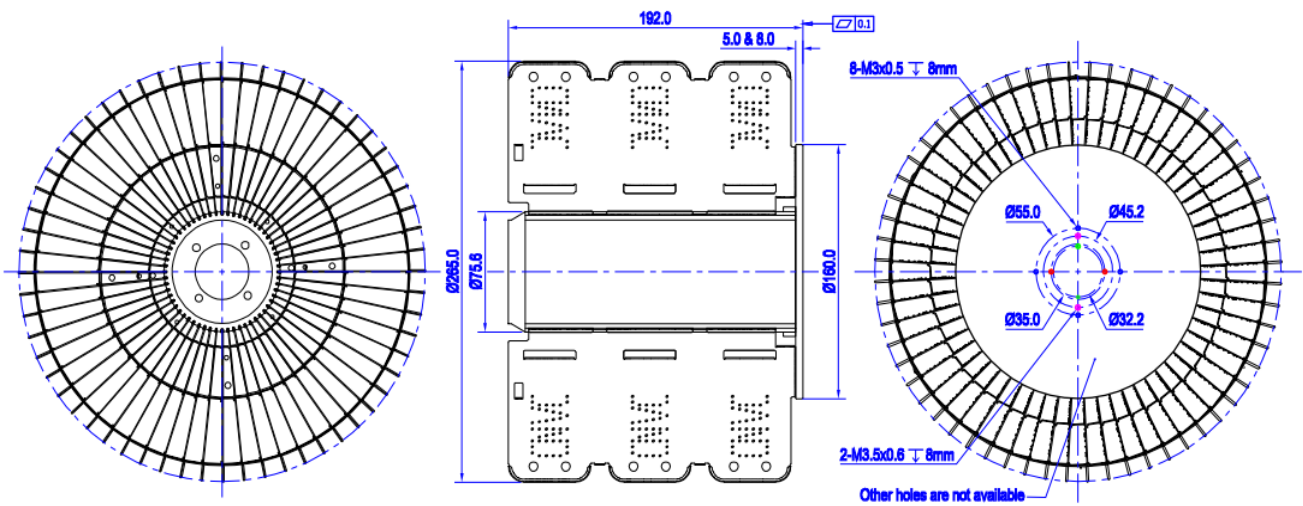
- 2** Mounting Options - see graphics for details Combinations available
  - Ex.order code - 12
  - means option 1 and 2 combined

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.



MOUNTING OPTION	Module type	Holder NO.	THREAD	THREAD DEPTH	THREAD HOLE DISTANCE
1	CLU046	/	M3	6mm	32.2mm/ 2-@180°
2		AAG.STUCCHI 8102-G2 BJB 47.313.2030.50			35.0mm/ 2-@180°
3	CLU050 CLU052 CLU056	/	M3.5	6mm	45.2mm/ 2-@180°
4		BJB 47.319.4160.50	M3	6mm	55mm/ 4-@90°



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Citizen Modular vacuum phase-transition LED Heat Sink (Passive)  $\Phi 265\text{mm}$

The thermal data table

	<p><i>HibayLED</i></p>
Model No.	HibayLED-CIT-230192
Size	$\Phi 265 \times H 192\text{mm}$
Material	AL1070
Finish	Clear Anodized
Weight(gr)	2500.0
Thermal Wattage	250.0W
Heatsink $\Theta_{s-a}^2$	2454781.60
Heat Sink $T_{\text{Rise Above Ambient}}$	0.20

