



for

LED



HibayLED

HibayLED-TRI-230192

Tridonic Modular vacuum phase-transition LED Heat Sink (Passive) Φ230mm

Features VS Benefits

- * The HibayLED-TRI-230192 Tridonic Modular vacuum phase-transition LED Heat Sinks (Passive) are specifically designed for luminaires using the Tridonic LED engines.
- * Mechanical compatibility with direct mounting of the LED engines to the LED cooler and thermal performance matching the lumen packages.
- * For Highbay designs from 12000 to 23000 lumen.
- * Thermal resistance range Rth 0.25°C/W.
- * Modular design with mounting holes foreseen for direct mounting of Tridonic TALEX< module STARK FLE modules.
- * Diameter 230mm - 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 temperature 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;

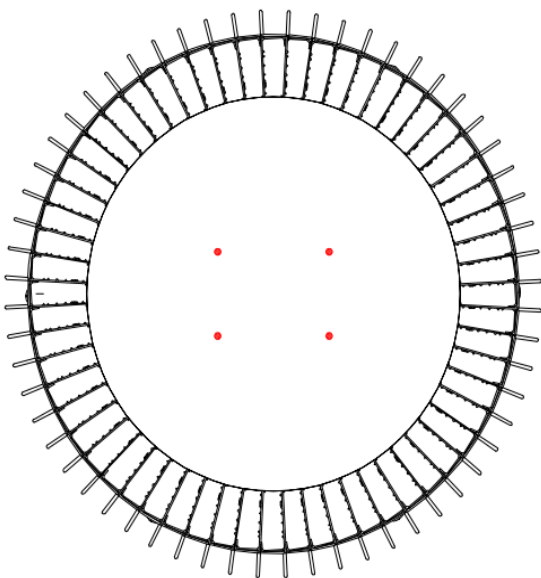


Tridonic LED Modules directly Mounting Options

CLU046 LED engines.

- STARK-FLE-G1-LES30-830-CLA;
- STARK-FLE-G1-LES30-840-CLA;
- STARK-FLE-G1-LES30-765-IND;
- STARK-FLE-G1-LES40-830-CLA;
- STARK-FLE-G1-LES40-840-CLA;
- STARK-FLE-G1-LES40-765-IND;

Direct mounting with machine screws M3x5mm.
Red indicator marks.



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Mounting Options and Drawings & Dimensions

Example:HibayLED-TRI-230192-B-1

Example:HibayLED-TRI-230192 **1** - **2**

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

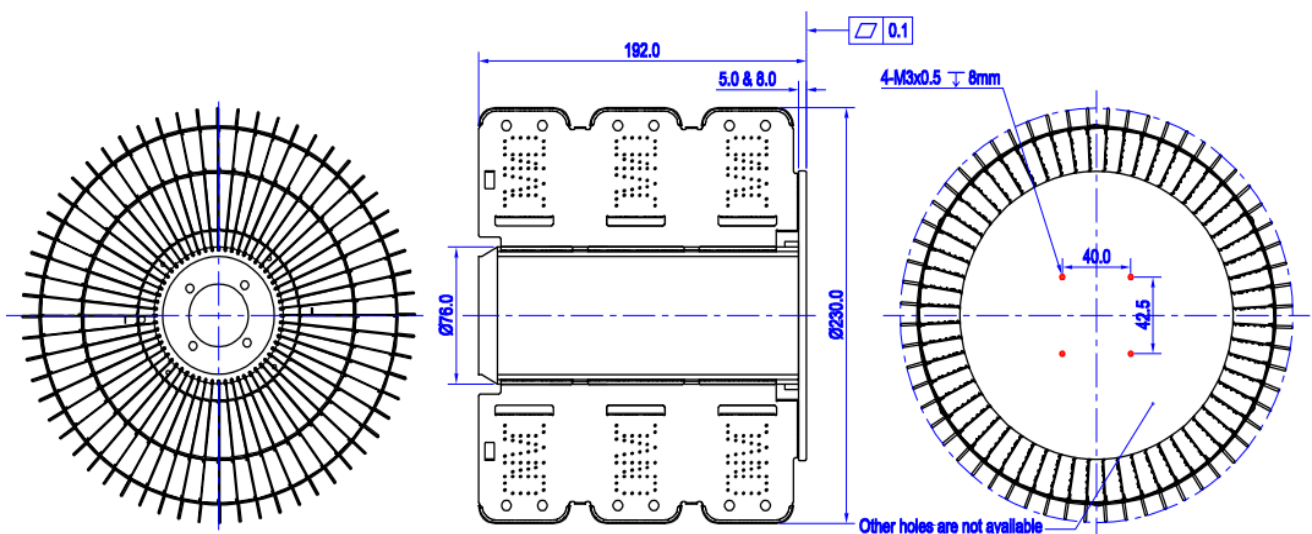
- 2** Mounting Options - see graphics for details Combinations available
 Ex.order code - 12
 means option 1 and 2 combined



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	STARK-FLE-G1-LESxxx;	/	M3	4mm	(2*42.5)x(2*40)



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The thermal data table

	 <p><i>HibayLED</i></p>
Model No.	HibayLED-TRI-230192
Size	$\Phi 230 \times H 192\text{mm}$
Material	AL1070
Finish	Clear Anodized
Weight(gr)	2290.0
Thermal Wattage	200.0W
Heatsink $\Theta_s\text{-a}^2$	2053780
Heat Sink $T_{\text{Rise Above Ambient}}$	0.25

