



eLED

eLED-7050 Modular Passive LED Star Heat Sink Φ 70mm

Features VS Benefits

* Mechanical compatibility with direct mounting of the LED modules to the LED cooler and thermal performance matching the lumen packages.

*Thermal resistance range Rth 2.18°C/W.

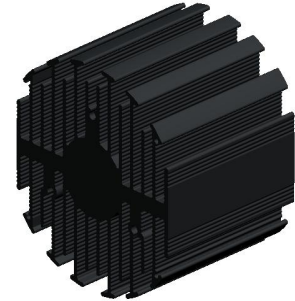
* Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's:

* Diameter 70mm - Standard height 50mm , Other heights on request.

* Extruded from highly conductive aluminum.

2 standard colors - clear anodised - black anodised

Zhaga Book 3 Spot Light Modules Edison ,Xicato ,Bridgelux , Osram ,Citizen ,Lumileds ,Cree , Tridonic , Vossloh-Schwabe ,Seoul ,LG ,Lustrous ,Prolight ,Samung ,SHARP , Luminus .Philips



- 1) Xicato XSM, XIM,XTM;(XSA-307,XSA-308)
- 2) Bridgelux ES Rectangle Array Series Vero 13 and Vero18 COB engines.
- 3) Citizen CLL022-CLU024, CLL032-CLU034;
- 4) Cree XLamp CXA13xx, CXA15xx,CSA18xx;
- 5) Lumileds Luxeon COB's 1203, 1204, 1205, Luxeon K arrays K12, K16;
- 6) Osram Soleriq S13, S19, E30
- 7) Seoul Semiconductor ZC6, ZC12, ZC18,ZC25;
- 8) Tridonic TALEXXmodule SLE nodules engines.
- 9) LG Innotek LEMWM18 10W, 13W, 17W
- 10) Edison EdiLex SLM and EdiLex II COB LED engines.
- 11) Lustrous LUSTRON 6 series LL604F, LL608D, LL613F, LL620F
- 12) Prolight Opto PABS, PABA, PACB, PANA
- 13) Samung LC013,LC019,LC026 COB LED engines.
- 14) SHARP Mini Zenigata,Tiger Zenigataand and Mega Zenigata LED engines.
- 15) Philips Fortimo SLM LED engines.
- 16) Vossloh-Schwabe LUGA Shop LED engines.
- 17) Luminus C##9,C##14 LED engines.



Order Information

Example:eLED-7050-B-#

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

1 Hight (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

MingFa recommends the use of a high thermal conductive interface between the LED module and the LED cooler. Either thermal grease, a thermal pad or a phase change thermal pad thickness 0.1-0.15mm is recommended.

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Http://www.heatsinkled.com

Http://www.mingfatech.com



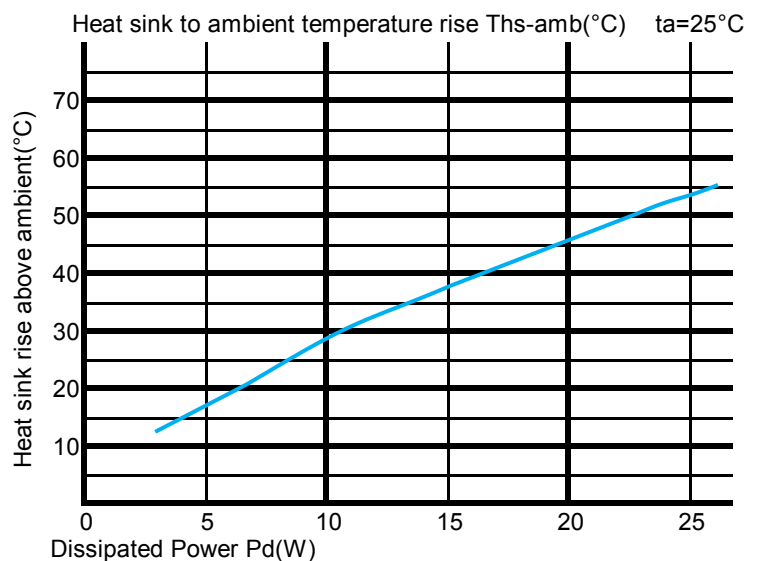
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eLED-7050 Modular Passive LED Star Heat Sink $\Phi 70\text{mm}$

The thermal data table

	 <i>eLED-7050</i>
Model No.	eLED7050
Size	$\Phi 70 \times 50\text{mm}$
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	206
Thermal Wattage	22.9W
HeatsinkΘ_{s-a}^2	73369
Heat Sink T_{Rise Above Ambient} ($^{\circ}\text{C}/\text{W}$)	2.18

Dissipated Power Pd(W)	Pd = Pe x (1- η L)	Heat sink to ambient thermal resistance Rhs-amb ($^{\circ}\text{C}/\text{W}$)	Heat sink to ambient temperature rise T _{hs-amb} ($^{\circ}\text{C}$)
		eLED-7050	
5		3.40	17
10		2.80	28
15		2.70	37
20		2.25	45
25		2.16	54



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.