



eLED

eLED-7040 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 R_{th} 2.63°C/W.

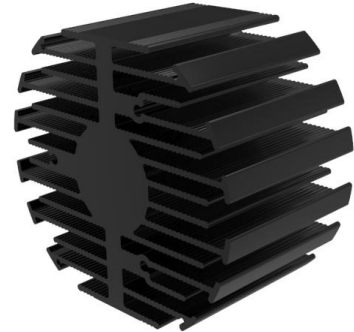
* Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's.

* Diameter 70mm - Standard height 40mm , 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 ,Samsung ,SHARP , Luminus .Philips



- 1) Xicato XSM, XIM,XTM.
- 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) Samsung 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-7040-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



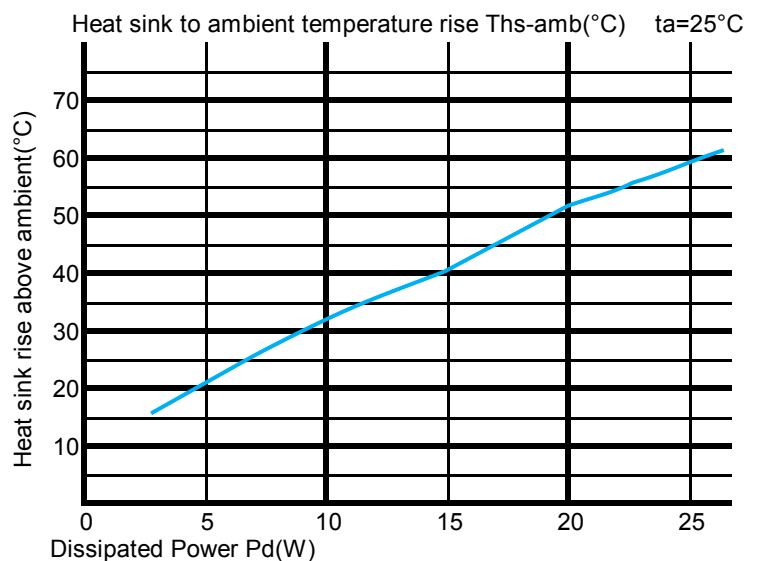
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The thermal data table

	 eLED-7040
Model No.	eLED-7040
Size	Φ70x40mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	165
Thermal Wattage	19.0W
HeatsinkΘs-a²	59304
Heat Sink T_{Rise Above Ambient} (°C/W)	2.63

Dissipated Power Pd(W)	Pd = Pe x (1-ηL)	Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
		eLED-7040	
5		4.20	21
10		3.20	32
15		2.70	40
20		2.55	51
25		2.36	59



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.