

## eLED

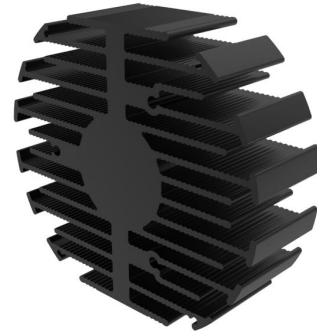
### eLED-7020 Modular Passive LED Star Heat Sink $\Phi$ 70mm

#### 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  $R_{th}$  3.0°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 20mm , 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.
- 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-7020-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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E-fax: +86-(020)28819702 ext22122

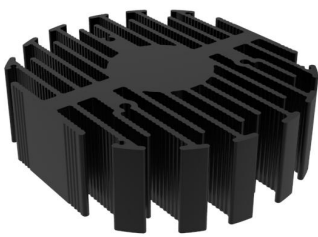
[Http://www.heatsinkled.com](http://www.heatsinkled.com)

[Http://www.mingfatech.com](http://www.mingfatech.com)

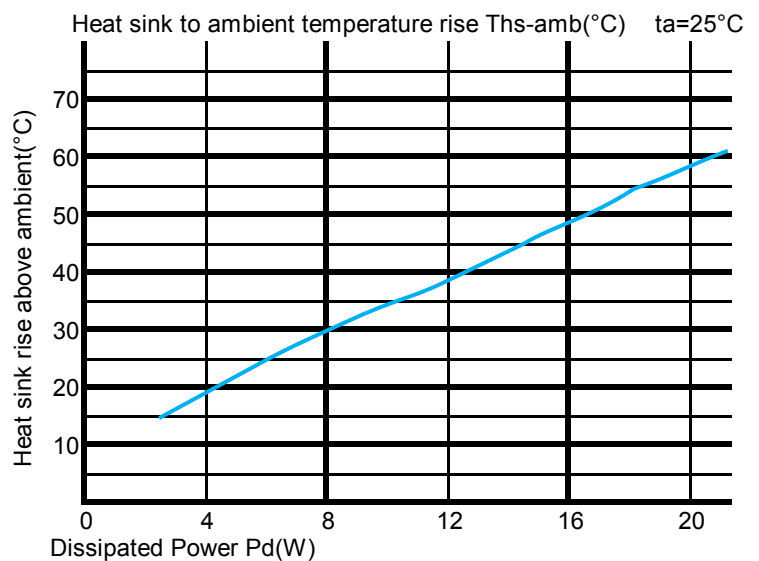
*eLED*

**eLED-7020 Modular Passive LED Star Heat Sink  $\Phi$ 70mm**

The thermal data table

	 <i>eLED-7020</i>
<b>Model No.</b>	<b>eLED-7020</b>
<b>Size</b>	<b><math>\Phi</math>70x20mm</b>
<b>Material</b>	<b>AL6063-T5</b>
<b>Finish</b>	<b>Black Anodized</b>
<b>Weight(gr)</b>	<b>83</b>
<b>Thermal Wattage</b>	<b>16.5 W</b>
<b>Heatsink<math>\Theta</math>s-a<sup>2</sup></b>	<b>31175</b>
<b>Heat Sink T<sub>Rise Above Ambient</sub> (°C/W)</b>	<b>3.0</b>

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-7020	
4		4.75	19
8		3.75	30
12		2.70	38
16		3.06	49
20		2.90	58



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.