



eLED

## eLED-7050 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 Rth 2.18°C/W.

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

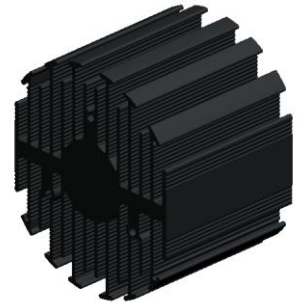
\* Diameter 70mm - Standard height 50mm , Other heights on request.

\* 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**

**1** Hight (mm)

**2** Anodising Color

B-Black

C-Clear

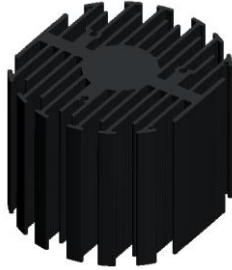
Z-Custom

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.

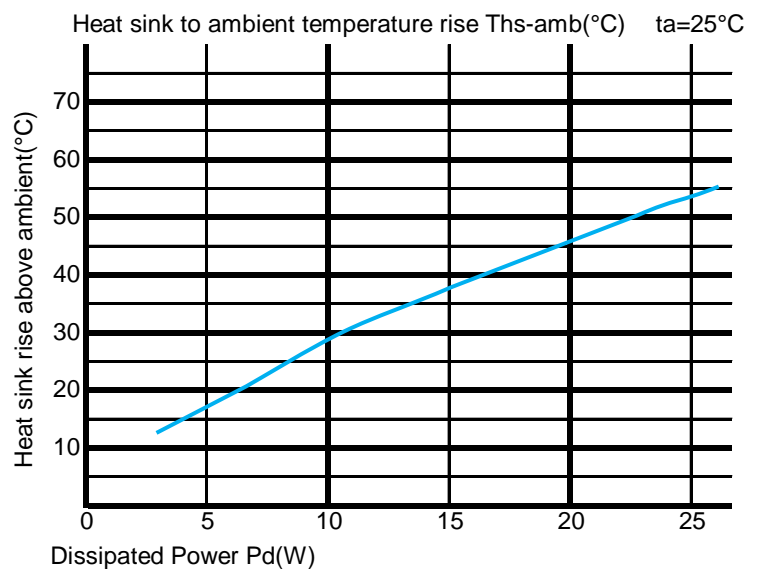
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eLED-7050 Modular Passive LED Star Heat Sink  $\Phi$ 70mm

The thermal data table

|  |  |
|--|--|
|  | <br><i>eLED-7050</i> |
| <b>Model No.</b>                                       | <b>eLED-7050</b>   |
| <b>Size</b>  | <b><math>\Phi</math>70x50mm</b>  |
| <b>Material</b>  | <b>AL6063-T5</b>   |
| <b>Finish</b>  | <b>Black Anodized</b>  |
| <b>Weight(gr)</b>                                      | <b>206</b>   |
| <b>Thermal Wattage</b>                                 | <b>22.9W</b>   |
| <b>Heatsink<math>\Theta</math>s-a<sup>2</sup></b>      | <b>73369</b>   |
| <b>Heat Sink T<sub>Rise Above Ambient</sub> (°C/W)</b> | <b>2.18</b>  |

| Dissipated Power Pd(W) | Heat sink to ambient thermal resistance Rhs-amb (°C/W) |    |
|------------------------|--|----|
|                        | 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.