



EtraLED

EtraLED-4830 Modular Passive LED Star Heat Sink  $\Phi$ 48mm

### 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 4.76°C/W.
  - \* Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's:
  - \* Diameter 48mm - Standard height 30mm , Other heights on request.
  - \* Extruded from highly conductive aluminum.
- Zhaga Book 3 Spot Light Modules Edison , Osram , Xicato , Bridgelux , Citizen , Cree , Lumileds, Tridonic , Vossloh-Schwabe , Seoul , LG , Lustrous , Prolight , Sharp , Samsung , Luminus .Philips



- 1) Xicato XSM, XIM,XTM;
- 2) Bridgelux ESS, ESR, Vero 10, Vero 13, Vero 18 V-series;
- 3) Citizen CLL022-CLU024, CLL032-CLU034;
- 4) Cree XLamp CXA13xx, CXA15xx, CXA18;
- 5) Lumileds Luxeon COB's 1203, 1204, 1205, Luxeon K arrays K12, K16;
- 6) Osram PrevaLED Core, SOLERIQ P and SOLERIQ S LED engines.
- 7) Seoul Semiconductor ZC6, ZC12, ZC18, ZC25;
- 8) Tridonic TALEXX module SLE modules;
- 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) SHARP Mini Zenigata Intermod and Mega Zenigata LED engines.
- 14) Samsung LC013, LC019, LC026, LC033 COB LED engines.
- 15) Philips Fortimo SLM LED engines.
- 16) Vossloh-Schwabe LUGA Shop and LUGA C LED engines.
- 17) Luminus C##-9, C##14 COB LED engines.



### Order Information

Example: EtraLED-4830-B-#

Example: EtraLED-48 **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.



for

LED



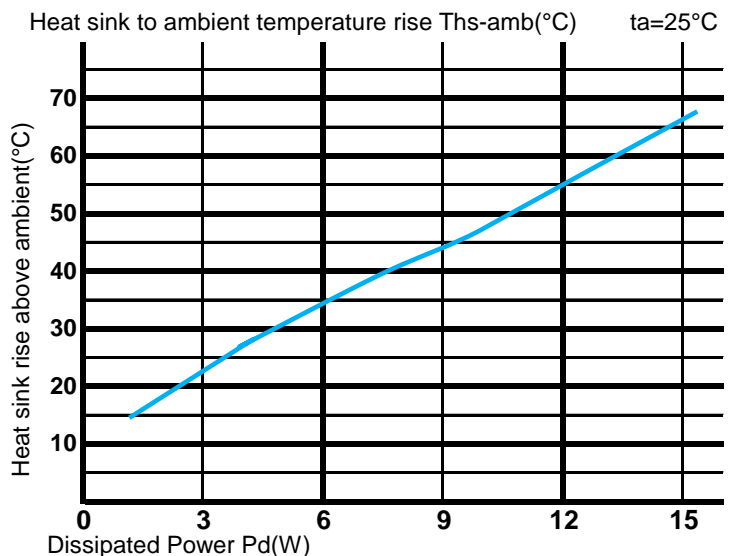
*EtraLED*

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**The thermal data table**

	 <i>EtraLED-4830</i>
<b>Model No.</b>	<b>EtraLED-4830</b>
<b>Size</b>	<b><math>\Phi</math>48xH30mm</b>
<b>Material</b>	<b>AL6063-T5</b>
<b>Finish</b>	<b>Black Anodized</b>
<b>Weight(gr)</b>	<b>80.0</b>
<b>Thermal Wattage</b>	<b>10.5W</b>
<b>Heatsink<math>\Theta</math>s-a<sup>2</sup></b>	<b>22911</b>
<b>Heat Sink RiseT<sub>Rise Above Ambient</sub> (°C/W)</b>	<b>4.76</b>

	Pd = Pe x (1-ηL)	Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
		EtraLED-4830	EtraLED-4830
Dissipated Power Pd(W)	3	8.00	24
	6	5.67	34
	9	5.00	45
	12	4.58	55
	15	4.40	66



**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.

