



for

LED



EtraLED

EtraLED-130100 Modular Passive LED Star Heat Sink Φ130mm

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 0.6°C/W.
  - \* Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's:
  - \* Diameter 130mm - Standard height 100mm , Other heights on request.
  - \* Extruded from highly conductive aluminum.
- 2 standard colors - clear anodised - black anodised
- Zhaga Book 3 Spot Light Modules Xicato ; Osram , Bridgelux ,Citizen ,Cree ,Seoul ,Edison Lumileds ,Vossloh-Schwabe , Lustrous , Luminus , Prolight .SHARP .Philips



- 1) Xicato XSM, XIM,XTM;
- 2) Bridgelux ESS, ESR, Vero 10, Vero 13, Vero 18,Vero 29V-series;
- 3) Citizen CLL032-CLU034;CLL042-CLU044,CLL052-CLU054;
- 4) Cree Xlamp CXA15xx;CXA18xx,CXA25xx,CXA35xx;
- 5) Lumileds Luxeon COB Series,Luxeon K arrays Series;
- 6) Osram Soleriq S13, S19, E30
- 7) Seoul Semiconductor ZC18, ZC25, ZC60;
- 8) Edison EdiLex SLM and EdiLex II COB LED engines;
- 9) Lustrous Lustrous 6 Series;
- 10) Luminus CXM-22;CHM-22 COB LED engines;
- 11) Prolight Opto PABS, PABA, PACB, PANA
- 12) Vossloh-Schwabe LUGA C LED engines;
- 13) Sharp Mega Zenigata LED engines;
- 14) Philips Fortimo SLM, DLM LED engines.



Order Information

Example:EtraLED-130100-B-#

Example:EtraLED-130 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.

Tel: +86-769-39023131  
E-fax: +86-(020)28819702 ext22122  
Http://www.heatsinkled.com  
Http://www.mingfatech.com





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*EtraLED-130100 Modular Passive LED Star Heat Sink  $\Phi$ 130mm*



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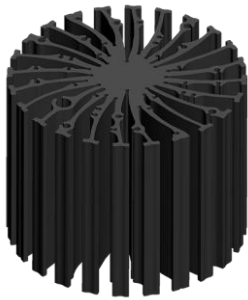
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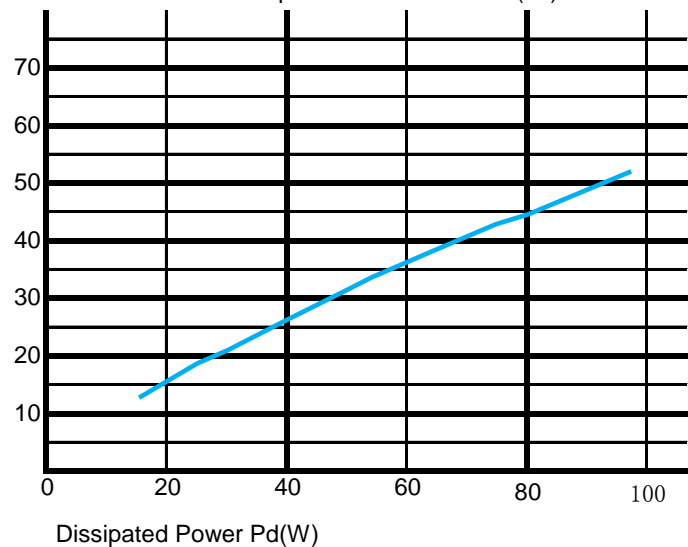
**EtraLED-130100 Modular Passive LED Star Heat Sink Φ130mm**

**The thermal data table**

	
<b>Model No.</b>	<b>EtraLED-130100</b>
<b>Size</b>	<b>Φ130xH100mm</b>
<b>Material</b>	<b>AL6063-T5</b>
<b>Finish</b>	<b>Black Anodized</b>
<b>Weight(g)</b>	<b>1384</b>
<b>Thermal Wattage</b>	<b>76</b>
<b>HeatsinkOs-a<sup>2</sup></b>	<b>304263</b>
<b>Heat Sink Rise T<sub>Rise Above Ambient</sub> (°C/W)</b>	<b>0.6</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-130100	EtraLED-130100
Dissipated Power Pd(W)	15	0.83	12.5
	25	0.72	18.0
	30	0.68	20.6
	40	0.65	26.0
	50	0.62	31.0
	55	0.60	33.3
	65	0.58	38.0
	75	0.57	42.6

Heat sink to ambient temperature rise Ths-amb(°C) ta=25°C



**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.