



for

LED



GooLED

GooLED-4830 Pin Fin LED Heat Sink Φ 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 5.6°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.
 - * Forged from highly conductive aluminum.
- 2 standard colors - clear anodized - black anodized
- Zhaga Book 3 Spot Light Modules Edison , Osram ,Xicato ,Bridelux ,Citizen ,Cree , Prolight , Philips , LG , Tridonic , Vossloh-Schwabe, Seoul , Lustrous , Luminus ,SHARP , Samsung.....



- 1) Xicato XSM, XIM,XTM; (XSA-316,H30mm;XSA-317 H50mm)
- 2) Bridelux ES Star,Array V6,V8,V10 and Vero 10 Array LED engines;
- 3) Citizen CLL022-CLU024, CLL032-CLU034;
- 4) Philips Fortimo SLM Modules.
- 5) Cree XLamp CXA13xx, CXA15xx;
- 6) LG Innotek LEMWM18 10W , 13W;
- 7) Seoul Semiconductor ZC4, ZC6;
- 8) Tridonic TALEXXmodule SLE modules;
- 9) Osram SOLERIQ P6,SOLERIQ S13 and PrevaLED Core LED engines;
- 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) Luminus CLM-9;CXM-9;CHM-9 COB LED engines;
- 14) SHARP Mini Zenigata LED engines;
- 15) Vossloh-Schwabe LUGA Shop and LUGA C LED engines;
- 16) Samsung LC013 LED engines;



Order Information

Example:GooLED-4830-B-#

Example:GooLED-4830 **1** - **2**

- 1** Anodising Color
- B-Black
 - C-Clear
 - Z-Custom


- 2** Mounting Options - see graphics 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.

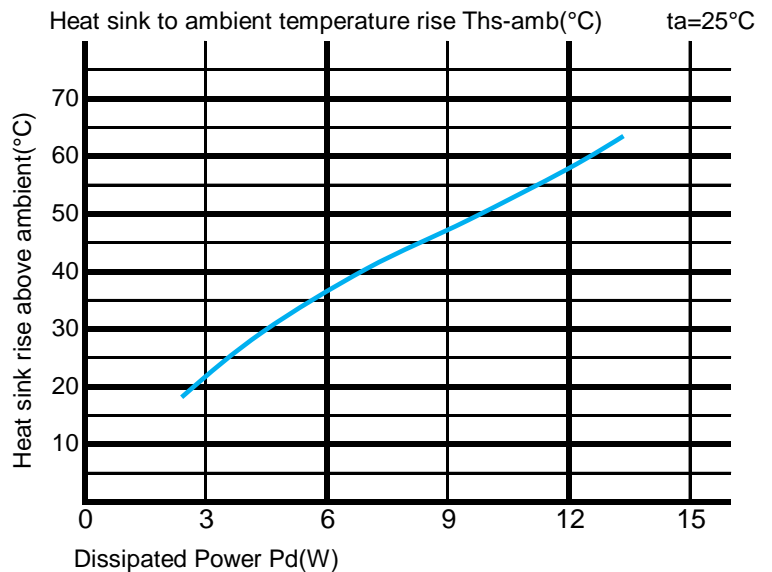
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The thermal data table

	
	<i>GooLED-4830</i>
Model No.	GooLED-4830
Size	Φ48xH30mm
Material	AL1070
Finish	Black Anodized
Weight(g)	46
Thermal Wattage	8.8W
HeatsinkΘs-a²	15420
Heat Sink RiseT <small>Rise Above Ambient (°C/W)</small>	5.6

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)
		GooLED-4830	GooLED-4830
2.5		6.8	17
4.5		6.5	29
7		5.9	40
9.5		5.6	48
12		4.8	57



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.