

GooLED

GooLED-5830 Pin Fin LED Heat Sink Φ 58mm

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 4.5°C/W.
 - * Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's:
 - * Diameter 58mm - 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 , Seoul , Philips , Tridonic , Vossloh-Schwabe , LG , Lustrous , Prolight , 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) Cree XLamp CXA13xx, CXA15xx;
- 5) LG Innotek LEMWM18 10W, 13W;
- 6) Seoul Semiconductor ZC4, ZC6;
- 7) Tridonic TALEXXmodule SLE modules;
- 8) Philips Fortimo SLM Modules.
- 9) Edison EdiLex SLM and EdiLex II COB LED engines;
- 10) Lustrous LUSTRON 6 series LL604F, LL608D, LL613F, LL620F;
- 11) Prolight Opto PABS, PABA, PACB, PANA;
- 12) Luminus CLM-9;CXM-9;CHM-9 COB LED engines;
- 13) SHARP Mini Zenigata LED engines;
- 14) Vossloh-Schwabe LUGA Shop and LUGA C LED engines;
- 15) Samsung LC013 LED engines;
- 16) Osram SOLERIQ P6,SOLERIQ S13 and PrevalLED Core LEDEngines;



Order Information

Example:GooLED-5830-B-#

Example:GooLED-5830 **1** - **2**

1 Anodising Color

- B-Black
- C-Clear
- Z-Custom

2 Mounting Options - see



- 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.

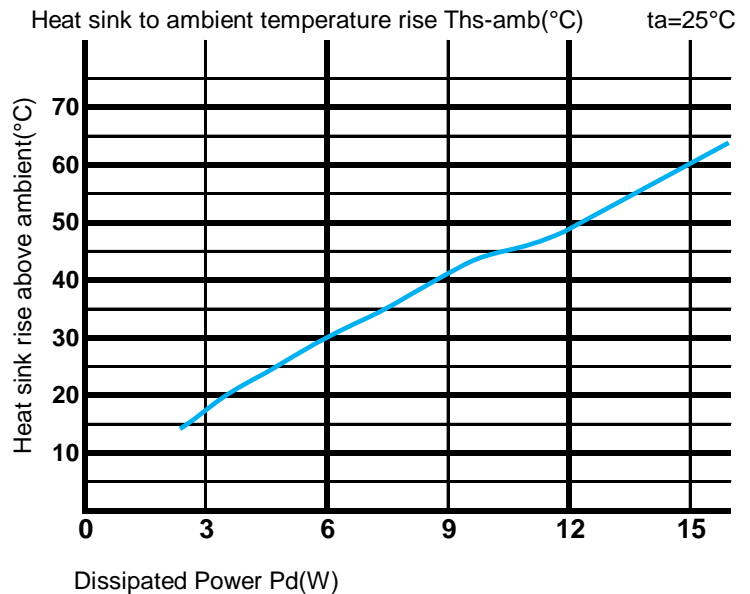
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The thermal data table

	
	<i>GooLED-5830</i>
Model No.	GooLED-5830
Size	Φ58xH30mm
Material	AL1070
Finish	Black Anodized
Weight(g)	79
Thermal Wattage	11.2W
HeatsinkΘs-a²	27134
Heat Sink RiseT <small>Rise Above Ambient (°C/W)</small>	4.5

	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-5830	GooLED-5830
Dissipated Power Pd(W)	2.5	5.6	14
	4.5	5.4	24
	7	4.7	33
	9.5	4.5	42
	12	4.2	48.5
	17.5	3.8	65



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.