



for

LED



GooLED

GooLED-6850 Pin Fin LED Heat Sink Φ68mm

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 2.7°C/W.
 - * Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's:
 - * Diameter 68mm - Standard height 50mm , 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 , SHARP , Seoul , Philips , Tridonic , Vossloh-Schwabe , LG , Lustrous , Prolight , Luminus , 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) Philips Fortimo SLM Modules.
- 4) Citizen CLL022-CLU024, CLL032-CLU034;
- 5) Cree XLamp CXA13xx, CXA15xx;
- 6) SHARP Mini Zenigata LED engines;
- 7) Seoul Semiconductor ZC4, ZC6;
- 8) Tridonic TALEXXmodule SLE modules;
- 9) LG Innotek LEMWM18 10W, 13W;
- 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) Osram SOLERIQ P6,SOLERIQ S13 and PrevalLED Core LED engines;
- 15) Vossloh-Schwabe LUGA Shop and LUGA C LED engines;
- 16) Samsung LC013 LED engines;



Order Information

Example:GooLED-6850-B-#

Example:GooLED-6850



- 1** Anodising Color
 - B-Black
 - C-Clear
 - Z-Custom
- 2** Mounting Options - see graphics for details Combinations available
 - Ex.order code - 12
 - means option 1 and 2 combined

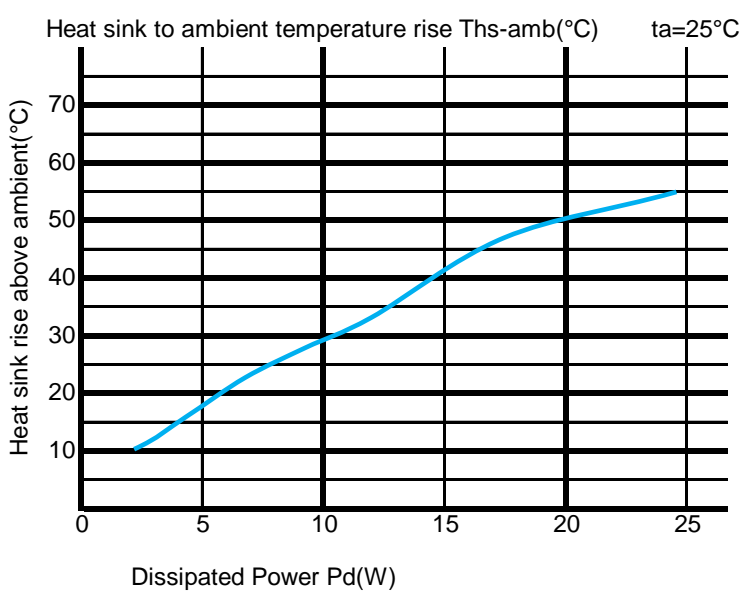
MingFa recommends the use of a high Thermal conductive interface between the LED Module and the LED cooler. Either thermal grease, A thermal pad or a phase change thermal pad Thickness 0.1-0.15mm is recommended.



The thermal data table

	<i>GooLED-6850</i>
Model No.	GooLED-6850
Size	Φ68xH50mm
Material	AL1070
Finish	Black Anodized
Weight(g)	153
Thermal Wattage	18.5
HeatsinkΘs-a²	59562
Heat Sink RiseT_{Rise Above Ambient} (°C/W)	2.7

	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-6850	GooLED-6850
Dissipated Power Pd(W)	2.5	4.0	10
	4.5	3.6	16
	7	3.2	22.5
	9.5	3.0	28
	12	2.9	34
	17.5	2.8	47
	24	2.3	55



- 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.