

GooLED

GooLED-4850 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 4.2°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 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 , 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) Osram SOsram SOLERIQ P6,SOLERIQ S13 and PrevaLED Core LED engines;
- 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) Philips Fortimo SLM Modules.



Order Information

Example:GooLED-4850-B-#

Example:GooLED-4850 **1** - **2**

- 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.

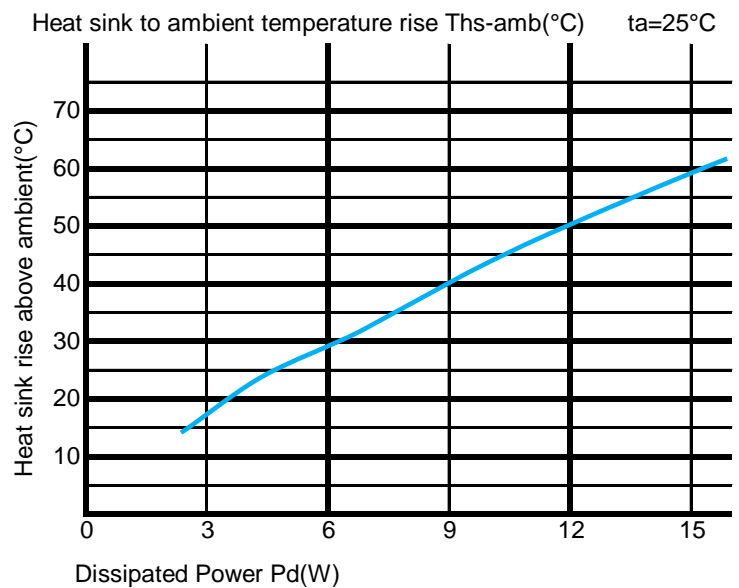
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The thermal data table

	
	<i>GooLED-4850</i>
Model No.	GooLED-4850
Size	Φ48xH50mm
Material	AL1070
Finish	Black Anodized
Weight(g)	64
Thermal Wattage	12W
HeatsinkOs-a²	24285
Heat Sink RiseT <small>Rise Above Ambient</small> ($^{\circ}$ C/W)	4.2

Dissipated Power Pd(W)	Pd = Pe x (1- η L)	Heat sink to ambient thermal resistance Rhs-amb ($^{\circ}$ C/W)	Heat sink to ambient temperature rise Ths-amb ($^{\circ}$ C)
		GooLED-4850	GooLED-4850
2.5		5.6	14
4.5		5.3	24
7		4.6	32
9.5		4.3	41
12		4.2	49
18		3.7	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.