



EtraLED

EtraLED-7050 Modular Passive LED Star Heat Sink Φ 70mm

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 2.2°C/W.
- * Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's:
- * Diameter 70mm - Standard height 50mm , Other heights on request.
- * Extruded from highly conductive aluminum.
- 2 standard colors - clear anodized - black anodized
- Zhaga Book 3 Spot Light Modules Edison ,Xicato ,Bridgelux , Osram ,Citizen ,Lumileds ,Cree , Tridonic , Vossloh-Schwabe ,Seoul ,LG ,Lustrous ,Prolight ,Samung ,SHARP , Luminus .Philips



- 1) Xicato XSM, XIM,XTM;(XSA-307,XSA-308)
- 2) Bridgelux ES Rectangle Array Series Vero 13 and Vero18 COB engines.
- 3) Citizen CLL022-CLU024, CLL032-CLU034;
- 4) Cree XLamp CXA13xx, CXA15xx,CSA18xx;
- 5) Philips Fortimo SLM LED engines.
- 6) Lumileds Luxeon COB's 1203, 1204, 1205, Luxeon K arrays K12, K16;
- 7) Osram Soleriq S13, S19, E30
- 8) Seoul Semiconductor ZC6, ZC12, ZC18,ZC25;
- 9) Tridonic TALEXXmodule SLE nodules engines.
- 10) LG Innotek LEMWM18 10W, 13W, 17W
- 11) Edison EdiLex SLM and EdiLex II COB LED engines.
- 12) Lustrous LUSTRON 6 series LL604F, LL608D, LL613F, LL620F
- 13) Prolight Opto PABS, PABA, PACB, PANA
- 14) Samung LC013,LC019,LC026 COB LED engines.
- 15) SHARP Mini Zenigata,Tiger Zenigataand and Mega Zenigata LED engines.
- 16) Vossloh-Schwabe LUGA Shop LED engines.
- 17) Luminus C##9,C##14 LED engines.

Order Information

Example:EtraLED-7050-B-#

Example:EtraLED-70 **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.



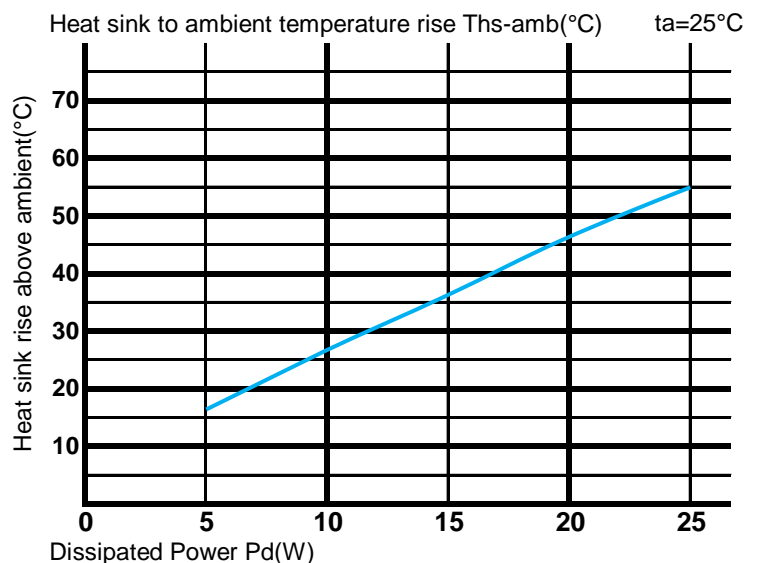
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The thermal data table

	 <i>EtraLED-7050</i>
Model No.	EtraLED-7050
Size	Φ70x50mm
Material	AL6063-T5
Finish	Black Anodized
Weight(g)	192
Thermal Wattage	22.9W
HeatsinkOs-a²	79093
Heat Sink T_{Rise Above Ambient} (°C/W)	2.2

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)
		EtraLED-7050	EtraLED-7050
5W		3.1	16
10W		2.7	27
15W		2.4	36
20W		2.3	46
25W		2.2	53



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.