



EtraLED

EtraLED-7020 Modular Passive LED Star Heat Sink Φ70mm

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 3.57°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 20mm , Other heights on request.
 - * Extruded from highly conductive aluminum.
- Zhaga Book 3 Spot Light Modules Edison , Osram , Xicato , Bridgelux , Citizen , Cree , Lumileds, Tridonic , Vossloh-Schwabe , Seoul , LG , Lustrous , Prolight , Sharp , Samsung , Luminus .Philips



- 1) Xicato XSM, XIM,XTM;
- 2) Bridgelux ESS, ESR, Vero 10, Vero 13, Vero 18 V-series;
- 3) Citizen CLL022-CLU024, CLL032-CLU034;
- 4) Cree XLamp CXA13xx, CXA15xx, CXA18;
- 5) Lumileds Luxeon COB's 1203, 1204, 1205, Luxeon K arrays K12, K16;
- 6) Osram PrevaLED Core, SOLERIQ P and SOLERIQ S LED engines.
- 7) Seoul Semiconductor ZC6, ZC12, ZC18, ZC25;
- 8) Tridonic TALEXX module SLE modules;
- 9) LG Innotek LEMWM18 10W, 13W, 17W;
- 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) SHARP Mini Zenigata Intermod and Mega Zenigata LED engines.
- 14) Samsung LC013, LC019, LC026, LC033 COB LED engines.
- 15) Philips Fortimo SLM LED engines.
- 16) Vossloh-Schwabe LUGA Shop and LUGA C LED engines.
- 17) Luminus C##-9, C##14 COB LED engines.



Order Information

Example: EtraLED-7020-B-#

Example: EtraLED-70 **1** - **2** - **3**

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


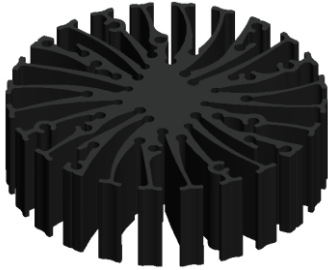
MingFa recommends the use of a high thermal conductive interface between the LED module and the LED cooler. Either thermal grease, a thermal pad or a phase change thermal pad thickness 0.1-0.15mm is recommended.



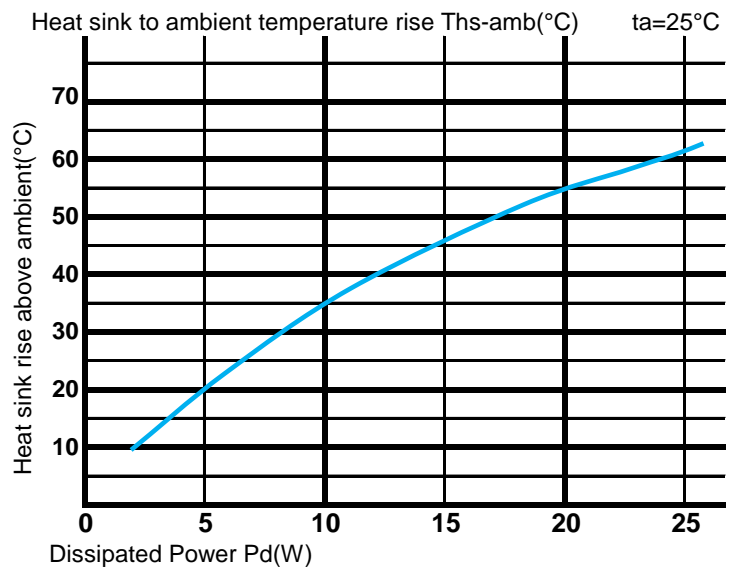
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The thermal data table

	
	<i>EtraLED-7020</i>
Model No.	EtaLED-7020
Size	Φ70xH20mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	77.0
Thermal Wattage	14.0W
HeatsinkΘs-a²	33348
Heat Sink Rise$T_{\text{rise Above Ambient}}$ ($^{\circ}$C/W)	3.57

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)
		EtraLED-7020	EtraLED-7020
5		4.0	20
10		3.5	35
15		3.1	46
20		2.7	54
25		2.5	62



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.