



EtraLED

EtraLED-8550 Modular Passive LED Star Heat Sink Φ 85mm

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 1.5°C/W.
- * Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's:
- * Diameter 85mm - 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 , Osram , Xicato , Bridgelux , Citizen , Cree , Lumileds, Tridonic , Vossloh-Schwabe , Seoul , LG , Lustrous , Prolight , Sharp , Samung , 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) Philips Fortimo SLM LED engines.
- 6) Lumileds Luxeon COB's 1203, 1204, 1205, Luxeon K arrays K12, K16;
- 7) Osram PrevaLED Core, SOLERIQ P and SOLERIQ S LED engines.
- 8) Seoul Semiconductor ZC6, ZC12, ZC18, ZC25;
- 9) Tridonic TALEXXmodule SLE modules;
- 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) SHARP Mini Zenigata Intermod and Mega Zenigata LED engines.
- 15) Samung LC013, LC019, LC026, LC033 COB 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-8550-B-#

Example:EtraLED-85 **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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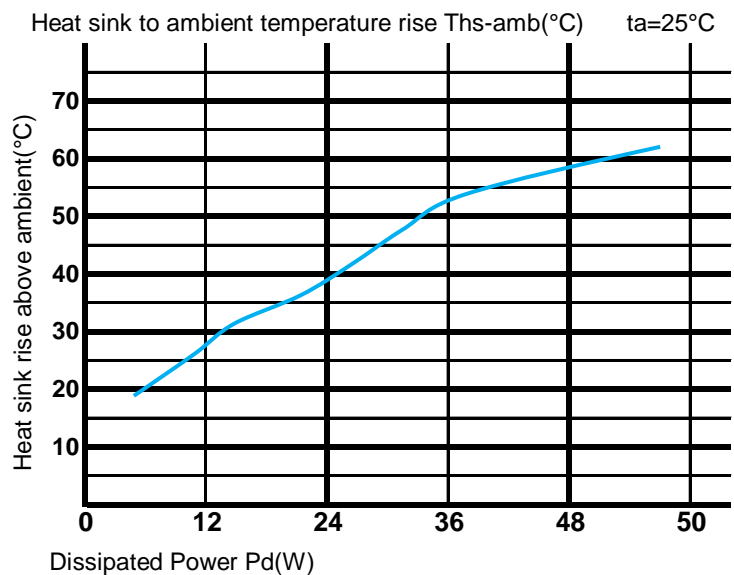
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The thermal data table

	 <i>EtraLED-8550</i>
Model No.	EtraLED-8550
Size	Φ 85xH50mm
Material	AL6063-T5
Finish	Black Anodized
Weight(g)	286
Thermal Wattage	34W
HeatsinkOs-a²	36868
Heat Sink RiseT_{Rise Above Ambient} (°C/W)	1.5

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-8550	EtraLED-8550
10W		1.9	19
15W		1.7	26
20W		1.6	32
25W		1.6	40
30W		1.5	45
35W		1.5	51



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.