

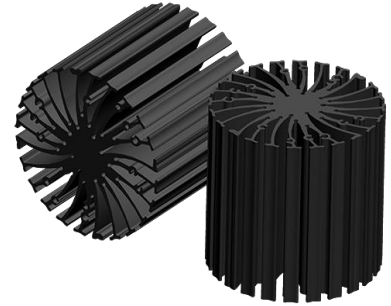
EtraLED

EtraLED-8580 Modular Passive LED Cooler 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 R_{th} 1.3°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 80mm , Other heights on request.
- * Extruded from highly conductive aluminum.

Zhaga Book 3 Spot Light Modules Edison , Xicato , Osram , Bridgelux , Citizen , Cree , Lumileds, Tridonic , Vossloh-Schwabe , LG , Seoul , 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 Intermo 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 Xnova™ C##-9, C##14 COB LED engines.

Order Information

Example: EtaLED-8580-B-#

Example: EtaLED-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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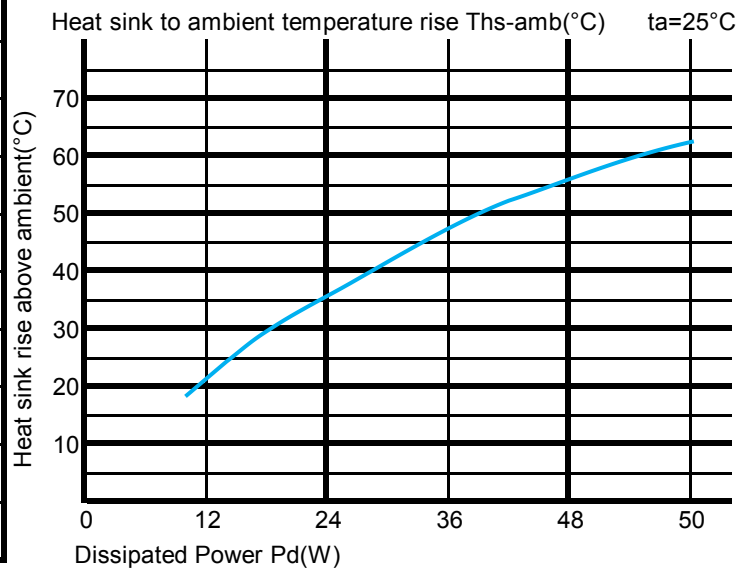
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The thermal data table

	
<i>EtraLED-8580</i>	
Model No.	EtraLED-8580
Size	Φ85xH80mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	458
Thermal Wattage	38W
HeatsinkΦs-a²	58826
Heat Sink RiseT_{Rise Above Ambient} (°C/W)	1.3

	Pd = Pe x(1-ηL)	Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature riseT _{hs-amb} (°C)
		EtraLED-8580	EtraLED-8580
Dissipated Power Pd(W)	10	1.9	19
	15	1.7	26
	20	1.6	32
	25	1.5	37
	30	1.4	43
	35	1.4	48
	40	1.3	53
	50	1.2	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.

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