



EtraLED

EtraLED-11080 Modular Passive LED Star Heat Sink Φ 110mm

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 0.9°C/W.
 - * Diameter 110mm - Standard height 80mm , Other heights on request.
 - * Extruded from highly conductive aluminum.
 - 2 standard colors - clear anodized - black anodized
 - * Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's:
- Zhaga Book 3 Spot Light Modules Edison , Osram , Xicato ,Bridgelux , Citizen , Cree , Lumileds ,Tridonic
Vossloh-Schwabe , LG , Seoul , Luminus , GE lighting , Prolight ,SHARP ,Samung , Lustrous .Philips



- 1) Xicato XSM, XIM,XTM;
- 2) Bridgelux ESS, ESR, Vero 10, Vero 13,Vero 18 V-series;
- 3) Citizen CLL032-CLU034,CLL042-CLU044;
- 4) Cree XLamp CXA13xx, CXA15xx,CXA18xx,CXA25xx;
- 5) Lumileds Luxeon COB's 1203, 1204, 1205, Luxeon K arrays K12, K16;
- 6) Osram SOLERIQ P9,SOLERIQ S13 and SOLERIQ S19 LED engines.
- 7) Seoul Semiconductor ZC18, ZC25, ZC40;
- 8) Tridonic TALEXXmodule SLE modules.
- 9) LG Innotek LEMWM18 24W, 40W.
- 10) Edison EdiLex SLM and EdiLex II COB LED engines
- 11) Prolight Opto PABS, PABA, PACB, PANA
- 12) SHARP Intermo and Mega Zenigata LED engines.
- 13) Samung LC026B,LC033B,LC040B COB LED engines
- 14) Vossloh-Schwabe LUGA Shop and LUGA C LED engines.
- 15) Luminus C##-14;C##-22 COB LED engines.
- 16) GE lighting Infusion™ LED Modules.
- 17) Lustrous M series, LUSTRON series, Coral series,LUSTRON 5 6 series LED engines;
- 18) Philips Fortimo SLM LED engines.



Order Information

Example:EtraLED-11080-B-#

Example:EtraLED-110 **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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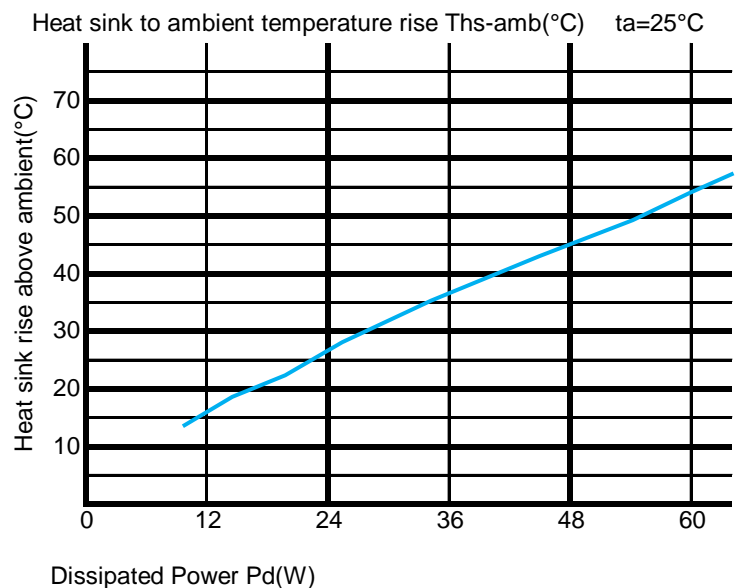
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The thermal data table

<i>EtraLED-11080</i>	
Model No.	EtraLED-11080
Size	Φ110xH80mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	662
Thermal Wattage	57W
HeatsinkOs-a²	194856
Heat Sink RiseT_{Rise Above Ambient} (°C/W)	0.9

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-11080	EtraLED-11080
10		1.3	13
15		1.2	18
20		1.1	22
25		1.1	27.5
35		1.0	35
45		0.95	43
55		0.9	49
60		0.88	54



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.