



EtraLED

EtraLED-11080 Modular Passive LED Star Heat Sink  $\Phi$ 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 anodised - black anodised
- \* 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 Interno 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 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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E-fax: +86-(020)28819702 ext22122  
Http://www.heatsinkled.com  
Http://www.mingfatech.com



for

LED

*EtraLED*

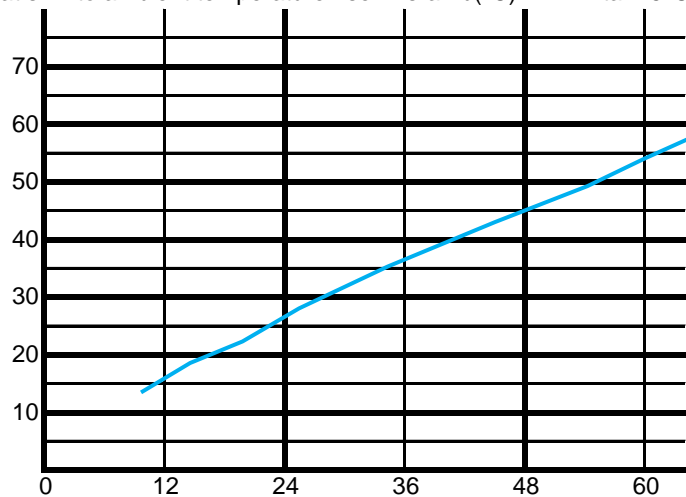
*EtraLED-11080 Modular Passive LED Star Heat Sink Φ110mm*

The thermal data table

	
<i>EtraLED-11080</i>	
<b>Model No.</b>	EtraLED-11080
<b>Size</b>	Φ110xH80mm
<b>Material</b>	AL6063-T5
<b>Finish</b>	Black Anodized
<b>Weight(gr)</b>	662
<b>Thermal Wattage</b>	57W
<b>HeatsinkΘs-a<sup>2</sup></b>	194856
<b>Heat Sink RiseT<sub>Rise Above Ambient</sub> (°C/W)</b>	0.9

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	
Dissipated Power Pd(W)	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

Heat sink to ambient temperature rise Ths-amb(°C) ta=25°C



Dissipated Power Pd(W)

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.