



EtraLED

EtraLED-11050 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 1.1°C/W.
- * Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's:
- * Diameter 110mm - Standard height 50mm , Other heights on request.
- * Extruded from highly conductive aluminum.

2 standard colors - clear anodised - black anodised

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-11050-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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 Http://www.mingfatech.com





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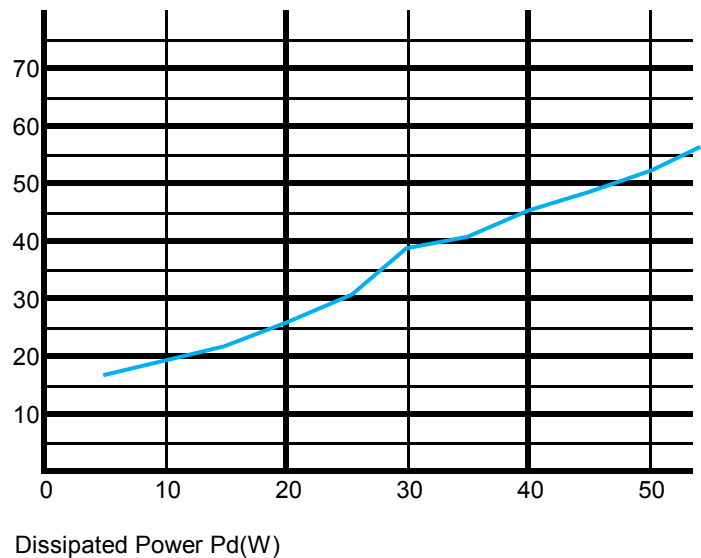
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The thermal data table

	 <i>EtraLED-11050</i>
Model No.	EtraLED-11050
Size	Φ110xH50mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	414
Thermal Wattage	48W
HeatsinkΘs-a²	124084
Heat Sink RiseT_{Rise Above Ambient} (°C/W)	1.1

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-11050	EtraLED-11050
5		3.4	17.5
15		1.43	21.5
20		1.32	26.4
25		1.21	30.3
30		1.32	39.6
35		1.2	40.3
40		1.15	45
45		1.1	48.5
50		1.05	52.5

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



- 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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