



SimpoleD

SimpoleD-160150 Modular Passive LED Cooler Φ 160mm

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} 0.42°C/W.
 - * Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's:
 - * Diameter 160mm - Standard height 150mm , Other heights on
 - * Extruded from highly conductive aluminum.
 - * 2 standard colors - clear anodized - black anodized
- Zhaga Book 3 Spot Light Modules: Bridgelux , Citizen, Cree, Tridonic, Lumileds,Lustrous.....



- 1) Bridgelux , Vero10, Vero13,Vero18 and Vero29 ;
- 2) Citizen CLL032-CLU034,CLL042-CLU044,CLL052-CLU054;
- 3) Cree XLamp CXA2520,CXA25xx,CXA30xx and CXA3590 COB engines.
- 4) Lumileds Luxeon COB's Series, Luxeon K Series;
- 5) Seoul Semiconductor ZC40, ZC60,XC100;
- 6) Tridonic TALEXmodule SLE modules engines.
- 7) Edison EdiLex II COB LED engines
- 8) Lustrous LUSTRON 6 series LL630F; LL630D, LL660D;
- 9) Prolight N SERIRS CI Series,CII SERIRS, CIII SERIRS BI SERIRS, BII SERIRSand BS SERIRS engines
- 10) Luminus C#M22 LED engines.
- 11) SHARP Kaku Zenigata and Mega Zenigata LED engines.
- 12) Vossloh-Schwabe LUGA Shop LED engines.

Order Information

Example:SimpoLED-160150-B-#

Example:SimpoLED-160 **1** - **2** - **3**

- 1** Height (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.



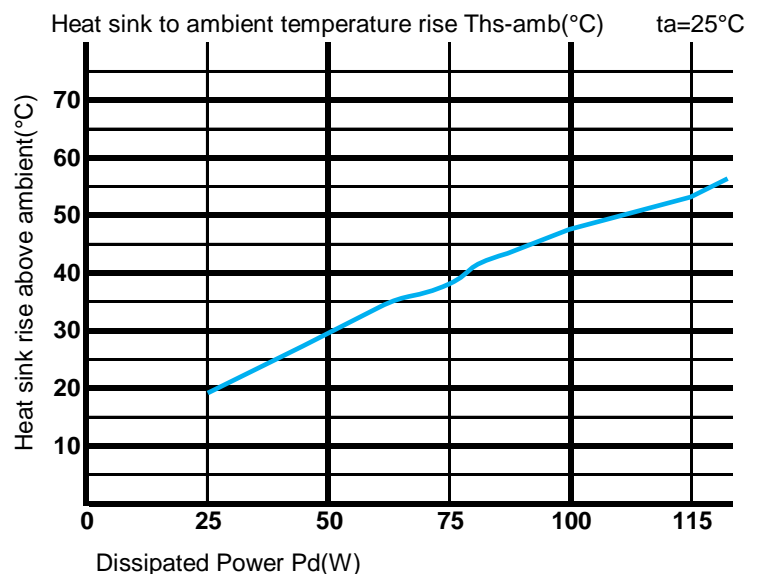
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The thermal data table

<i>SimpoleD-160150</i>	
Model No.	SimpoleD-160150
Size	D160xH150mm
Material	AL6063-T5
Finish	Black Anodized
Weight(kg)	3155
Thermal Wattage	120W
HeatsinkO_s-a²	506323
Heat Sink T_{rise} Above Ambient (°C/W)	0.42

Dissipated Power Pd(W)	Pd = Pe x (1-ηL)	Heat sink to ambient thermal resistance R _{hs-amb} (°C/W)	Heat sink to ambient temperature rise T _{hs-amb} (°C)
		SimpoleD-160150	SimpoleD-160150
25		0.56	14.0
45		0.53	24.0
60		0.50	30.0
75		0.47	35.0
90		0.44	40.0
100		0.43	43.0
120		0.42	50.0



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.