



SimpoleD

SimpoleD-13580 Modular Passive LED Cooler Φ 135mm

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 0.71°C/W.
 - * Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's:
 - * Diameter 135mm - Standard height 80mm , Other heights on request.
 - * Extruded from highly conductive aluminum.
 - * 2 standard colors - clear anodised - black anodised
- Zhaga Book 3 Spot Light Modules Bridgelux , Citizen, Cree, Tridonic, Lumileds, Osram, Lustrous, SamSung



- 1) Bridgelux , Vero10, Vero13, Vero18 and Vero29 ;
- 2) Citizen CLL032-CLU034, CLL042-CLU044;
- 3) Cree Xlamp CXA15xx, CXA18xx, CXA25xx;
- 4) Lumileds Luxeon COB's Series, Luxeon K Series;
- 5) Osram OSRAM SOLERIQ P and SOLERIQ S LED engine
- 6) Seoul Semiconductor ZC25, ZC40, ZC60, XC100;
- 7) Tridonic TALEXX module SLE modules engines.
- 8) Lustrous COB M series, LUSTRON series, Coral series, LUSTRON 5 series, LUSTRON 6 series
- 9) SamSung LC033, LC040B LED engines.

Order Information

Example: SimpoLED-13580-B-#

Example: SimpoLED-135 **1** - **2** - **1**

1 Height (mm)

2 Anodising Color

B-Black

C-Clear

Z-Custom

3 Mounting Options - see graphics for details Combinations available


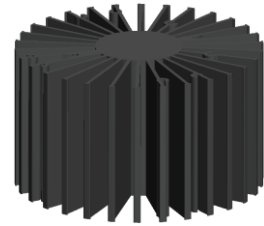
Ex.order code - 12

means option 1 and 2 combined

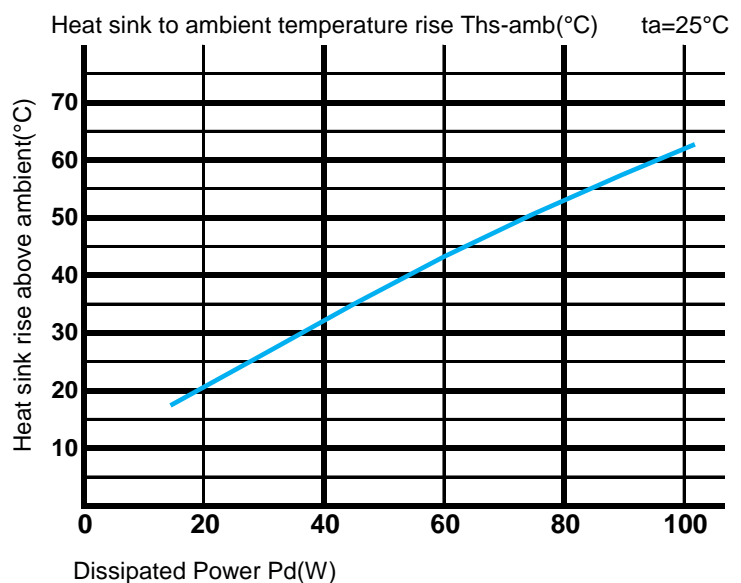
MingFa recommends the use of a high Thermal conductive interface between the LED Module and the LED cooler. Either thermal grease, A thermal pad or a phase change thermal pad Thickness 0.1-0.15mm is recommended.



The thermal data table

	 <i>SimpoleD-13580</i>
Model No.	SimpoleD-13580
Size	Φ135xH80mm
Material	6063-T5
Finish	Black Anodized
Weight(g)	1020
Thermal Wattage	69.8W
HeatsinkΘs-a²	243322
Heat Sink T Rise Above Ambient ($^{\circ}$C/W)	0.71

	Pd = Pe x (1- η L)	Heat sink to ambient thermal resistance Rhs-amb ($^{\circ}$ C/W)	Heat sink to ambient temperature rise T _{hs-amb} ($^{\circ}$ C)
		SimpoleD-13580	SimpoleD-13580
Dissipated Power Pd(W)	15	0.92	13.8
	30	0.88	26.4
	45	0.80	36.0
	60	0.75	45.0
	75	0.69	51.8
	90	0.59	53.1



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.