



for

LED

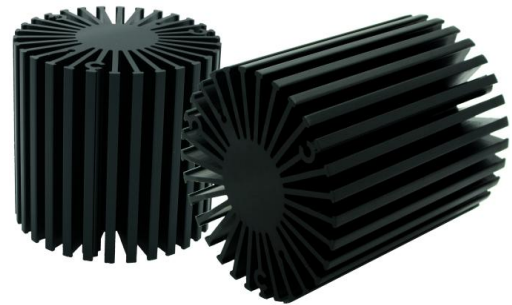


SimpoleD

SimpoleD-5850 Modular Passive LED Cooler Φ 58mm

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 3.7°C/W.
 - * Modular design with mounting holes foreseen for direct mounting of a wide range of LED modules and COB's:
 - * Diameter 58mm - Standard height 50mm , Other heights on
 - * 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,LG Innotek,Seoul,SHARP,SamSung



- 1) Bridelux ESS, V8 and V6, V-series
- 2) Citizen CLL022-CLU024, CLL032-CLU034;
- 3) Cree XLamp CXA13xx, CXA15xx;
- 4) Lumileds Luxeon COB's 1203,1204,Luxeon K arrays
- 5) Osram Soleriq S13, S19;
- 6) Seoul Semiconductor ZC6, ZC12, ZC18;
- 7) Tridonic TALEXXmodule SLE Modules;
- 8) LG Innotek LEMWM18 10W, 13W, 17W;
- 9) Edison EdiPower EdiLex SLM and EdiLex II COB LED engines;
- 10) Lustrous LUSTRON 6 series LL604F, LL608D, LL613F, LL620F;
- 11) Prolight Opto PABS, PABA, PACB, PANA;
- 12) SHARP Mini Zenigata and Mega Zenigata LED
- 13) Vossloh-Schwabe LUGA Shop LED engines.
- 14) SamSung LC013 B LED engines.

Order Information

Example:SimpoleD-5850-B-#

Example:SimpoleD-58 **1** - **2** - **3**

1 Height (mm)

2 Anodising Color

B-Black

C-Clear

Z-Custom

3 Mounting Options - see

details Combinations


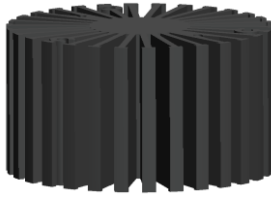
Ex.order code - 12

means option 1 and 2 combined

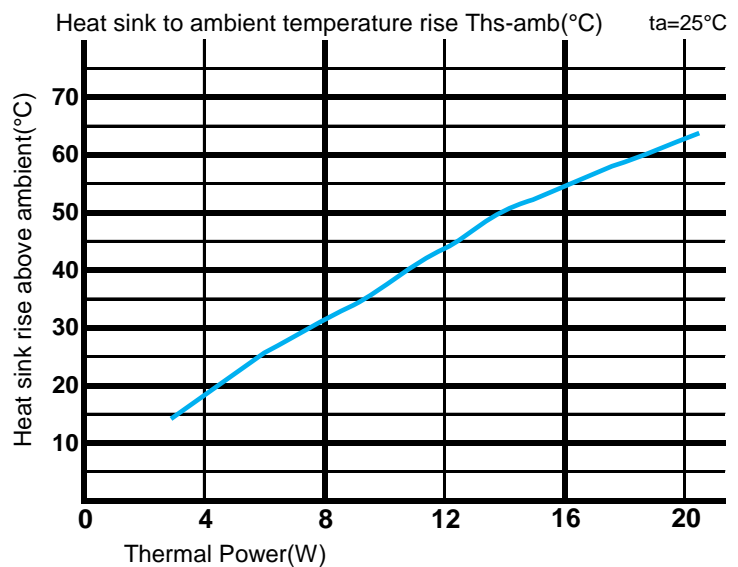


MingFa recommends the use of a high Thermal conductive interface between the LED Module and the LED cooler. Either thermal grease, A thermal pad or a phase change thermal pad Thickness 0.1-0.15mm is recommended.

The thermal data table

	 <i>SimpoleD-5850</i>
Model No.	SimpoleD-5850
Size	Φ58xH50mm
Material	6063-T5
Finish	Black Anodized
Weight(g)	174
Thermal Wattage	12.2W
HeatsinkΘs-a²	65040
Heat Sink T Rise Above Ambient ($^{\circ}$C/W)	3.7

Dissipated Power Pd(W)	Pd = Pe x (1- η L)	Heat sink to ambient thermal resistance Rhs-amb ($^{\circ}$ C/W)	Heat sink to ambient temperature rise
		SimpoleD-5850	SimpoleD-5850
3		4.8	14.5
6		4.2	25.0
9		3.8	34.5
12		3.7	43.0
15		3.4	51.0
18		3.2	58.0



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.