



for

LED



SimpoleD SimpoLED-VOS-11750 Vossloh-Schwabe Modular Passive LED Cooler Φ

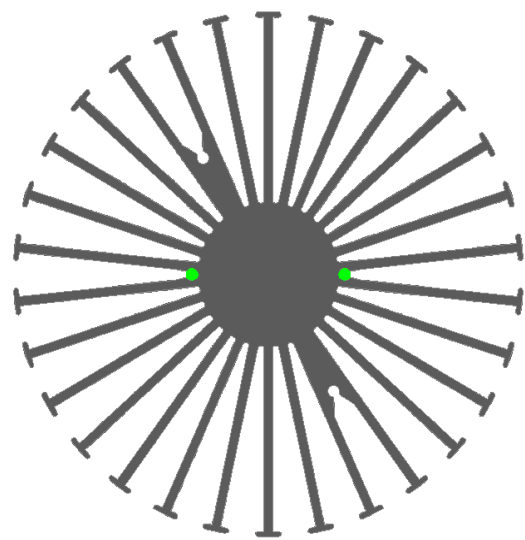
Features VS Benefits

- * The SimpoLED-VOS-11750 Vossloh-Schwabe Modular Passive LED Coolers are specifically designed for luminaires using the Vossloh-Schwabe LED engines.
- * Mechanical compatibility with direct mounting of the LED engines to the LED cooler and thermal performance matching the lumen packages.
- * For spotlight and downlight designs from 1700 to 6000 lumen.
- * Thermal resistance range Rth 0.9°C/W.
- * Modular design with mounting holes foreseen for direct mounting of Vossloh-Schwabe LUGA Shop LED engines.
- * Diameter 117mm - standard height 50mm Other heights on request.
- * Extruded from highly conductive aluminum.



Zhaga LED engine and radiator assembly is a unified future international standardization

- * Below you find an overview of Vossloh-Schwabe engines COB's and LED modules which standard fit on the SimpoLED coolers.
- * In this way mechanical after work and related costs can be avoided, and lighting designers can standardize their designs on a limited number of LED coolers.



Vossloh-Schwabe LED engines Mounting Options			
For the LUGA Shop 2014 Module.			
WU-M-485-827;	WU-M-485-835;	WU-M-486-827;	WU-M-486-835;
WU-M-485-830;	WU-M-485-840;	WU-M-486-830;	WU-M-486-840;
For the LUGA Shop 2014 PW Module.			
WU-M-485-831-PW;	WU-M-486-831-PW;		
For the LUGA Shop 2014 HiCRI LED Module.			
WU-M-485-927;	WU-M-485-935;	WU-M-486-927;	WU-M-486-935;
WU-M-485-930;	WU-M-485-940;	WU-M-486-930;	WU-M-486-940;
For the LUGA Shop 2014 PW Module.			
WU-M-485-931-PW;	WU-M-486-931-PW;		
For the LUGA Shop 2014 FOOD LED engines and the holder.			
For the LUGA C 2015 LED engines. (AAG.STUCCHI holder:8101-G2); (BJB holder:47.319.2021.50);			
DMC118C27E;	DMC118C30EB;	DMC118C40E;	DMC118B50E;
DMC118C30E;	DMC118C35E;	DMC118C50E;	
For the LUGA Shop 2014 PCB LED engines and the holder.			
DMS158C27E1;	DMS158C35E1;	DMS128C27E1;	DMS128C35E1;
DMS158C30E1;	DMS158C40E1;	DMS128C30E1;	DMS128C40E1;
For the LUGA Shop 2014 PCB PW LED engines and the holder.			
DMS128C31EP1;	DMS158C31EP1;		
For the LUGA Shop 2014 PCB HiCRI LED engines and the holder.			
DMS158D27E1;	DMS158D35E1;	DMS128D27E1;	DMS128D35E1;
DMS158D30E1;	DMS158D40E1;	DMS128D30E1;	DMS128D40E1;
For the LUGA Shop 2014 PCB PW LED engines and the holder.			
DMS128D31EP1;	DMS158D31EP1;		
For the LUGA Shop 2014 PCB FOOD LED engines and the holder.			
DMS158G30E1;	DMS158P40E1;	WU-M-486-Ga30;	WU-M-486-Meat;
DMS158G40E1;	DMS158P19E1	WU-M-486-Ga40;	WU-M-486-SMeat;
Zhaga Book3 Green indicator marks: Direct mounting with machine screws M3x6mm;			
Please refer to the "www.vossloh-schwabe.com" data provided on the manual.			

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Mounting Options and Drawings & Dimensions

Example: SimpoleD-VOS-11750-B-3

Example: SimpoleD-VOS-117 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

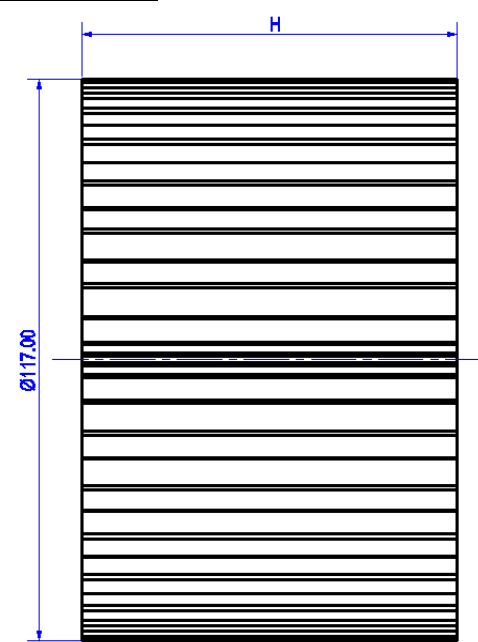
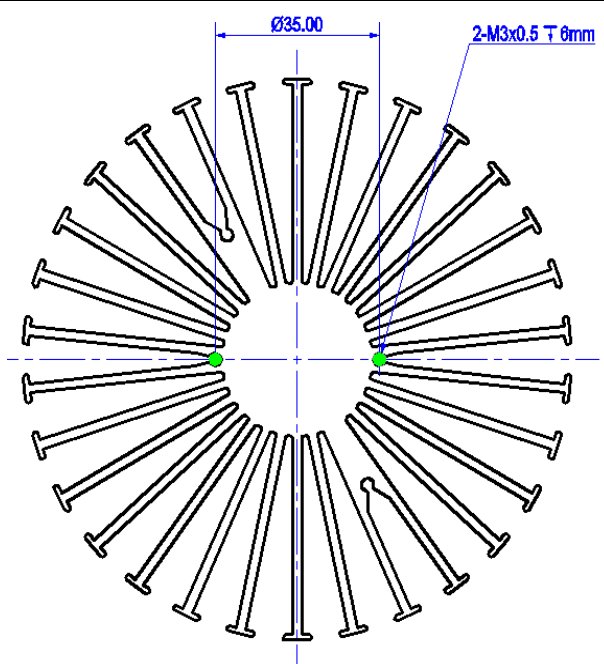
Notes:

- 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.



A. A. G. STUCCHI
ideas are made of light

MOUNTING OPTION	Module type	Holder NO.	THREAD	THREAD DEPTH	THREAD HOLE DISTANCE
1	LUGA C	BJB (47.319.2021.50)	M3	6mm	35.0mm/ 2-@180°
		AAG.STUCCHI (8101-G2)			
	LUGA Shop 2014 PCB	Vossloh-Schwabe			
	LUGA Shop 2014	/			



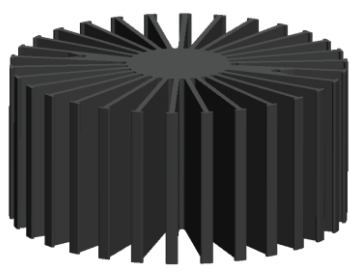
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SimpoleD

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The thermal data table

	 <i>SimpoleD-11750</i>
Model No.	SimpoleD-VOS-11750
Size	Φ117xH50mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	484.0
Thermal Wattage	49.2W
HeatsinkΘs-a²	147370
Heat Sink T Rise Above Ambient	0.9

Dissipated Power Pd(W)	Pd = Pe x (1- η L)	Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
		SimpoleD-VOS-11750	SimpoleD-VOS-11750
8.0		1.35	10.8
16.0		1.16	18.5
24.0		1.05	25.3
32.0		0.98	31.5
40.0		0.94	37.5
48.0		0.90	43.0
56.0		0.88	49.0

