



for

LED



EtraLED

EtraLED -VOS-9620 Vossloh-Schwabe Modular Passive LED Cooler Ø96mm

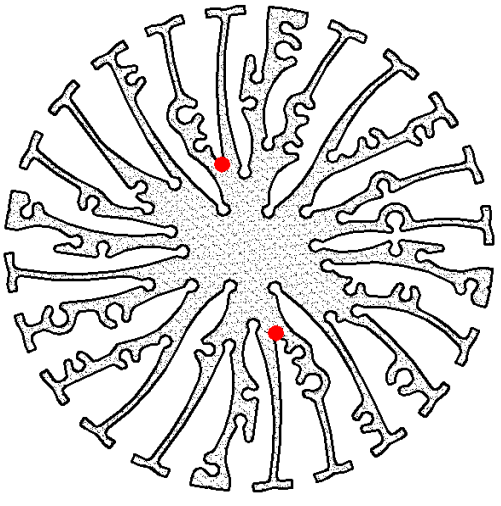
Features VS Benefits

- * The EtraLED-VOS 9620 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 200 to 3400 lumen.
- * Thermal resistance range Rth 1.8°C/W.
- * Modular design with mounting holes foreseen for direct mounting of Vossloh-Schwabe LUGA Shop LED engines.
- * Diameter 96mm - standard height 20mm 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 EtraLED 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-484-827;	WU-M-484-840;	WU-M-485-835;	WU-M-486-830;
WU-M-484-830;	WU-M-485-827;	WU-M-485-840;	WU-M-486-835;
WU-M-484-835;	WU-M-485-830;	WU-M-486-827;	WU-M-486-840;

For the LUGA Shop 2014 PW Module.

WU-M-484-831-PW;	WU-M-485-831-PW;	WU-M-486-831-PW;
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For the LUGA Shop 2014 HiCRI LED Module.

WU-M-484-927;	WU-M-484-940;	WU-M-485-935;	WU-M-486-930;
WU-M-484-930;	WU-M-485-927;	WU-M-485-940;	WU-M-486-935;
WU-M-484-935;	WU-M-485-930;	WU-M-486-927;	WU-M-486-940;

For the LUGA Shop 2014 PW Module.

WU-M-484-931-PW;	WU-M-485-931-PW;	WU-M-486-931-PW;
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For the LUGA Shop 2014 PCB LED engines and the holder.

DMS088C27E1;	DMS088C40E1;	DMS158C35E1;	DMS128C30E1;
DMS088C30E1;	DMS158C27E1;	DMS158C40E1;	DMS128C35E1;
DMS088C35E1;	DMS158C30E1;	DMS128C27E1;	DMS128C40E1;

For the LUGA Shop 2014 PCB PW LED engines and the holder.

DMS088C31EP1;	DMS128C31EP1;	DMS158C31EP1;
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For the LUGA Shop 2014 PCB HiCRI LED engines and the holder.

DMS088D27E1;	DMS088D40E1;	DMS158D35E1;	DMS128D30E1;
DMS088D30E1;	DMS158D27E1;	DMS158D40E1;	DMS128D35E1;
DMS088D35E1;	DMS158D30E1;	DMS128D27E1;	DMS128D40E1;

For the LUGA Shop 2014 PCB PW LED engines and the holder.

DMS088D31EP1;	DMS128D31EP1;	DMS158D31EP1;
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For the LUGA C 2015 LED engines.
 (AAG.STUCCHI holder:8101-G2); (BJB holder:47.319.2021.50);
 DMC104Cxxx; DMC115Cxxx; DMC118Cxxx;

Zhaga Book3 Red indicator marks:
 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:EtraLED-VOS-9620-B-3

Example:EtraLED-VOS-96 **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

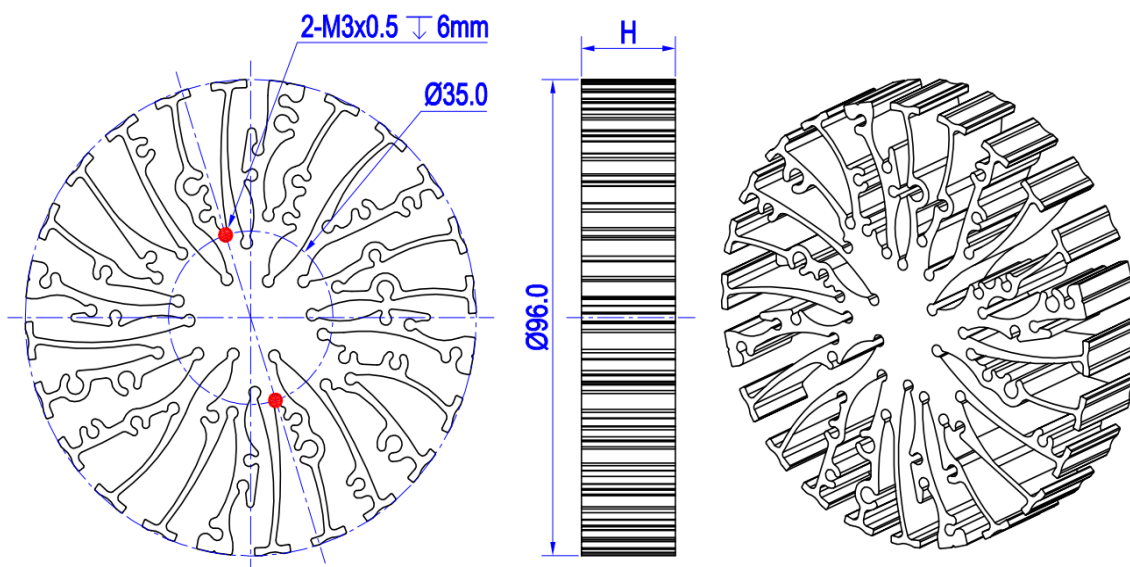
means option 1 and 2 combined

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.



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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The thermal data table

	 <i>EtraLED-9620</i>
Model No.	EtraLED-VOS-9620
Size	Φ96xH20mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	144.0
Thermal Wattage	28W
HeatsinkOs-a²	50647
Heat Sink T Rise Above Ambient	1.80

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-VOS-9620	EtraLED-VOS-9620
6		2.0	12
12		2.1	25
18		1.9	35
24		1.8	43
30		1.7	51

