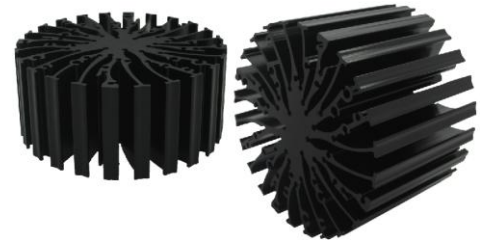


EtraLED

EtraLED -VOS-9650 Vossloh-Schwabe Modular Passive tar LED Heat Sink Φ 96mm

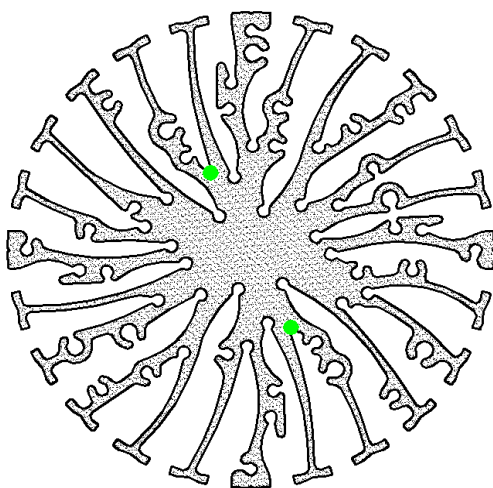
Features VS Benefits

- * The EtraLED-VOS-9650 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 1200 to 4500 lumen.
- * Thermal resistance range Rth 1.2°C/W.
- * Modular design with mounting holes foreseen for direct mounting of Vossloh-Schwabe LUGA Shop LED engines.
- * Diameter 96mm - 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 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-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 which holder.

WU-M-486-Ga30; WU-M-486-Ga40; WU-M-486-Meat; WU-M-486-SMeat;

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 which 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 which holder.

DMS128D31EP1; DMS158D31EP1;

For the LUGA Shop 2014 PCB FOOD LED engines which holder.

DMS158G30E1; DMS158G40E1; DMS158P40E1; DMS158P19E1;

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 C 2015 LED engines.

(AAG.STUCCHI holder:8102-G2); (BJB holder:47.319.2030.50);

DMC11CCxxx; DMC16CCxxx; DMC17CCxxx;
DMC11CBxxx; DMC16CBxxx; DMC17CBxxx;

Zhaga Book3 Green indicator marks:
Mounting with machine screws M3x6mm;
Please refer to the "www.vossloh-schwabe.com" data provided on the manual.



EtraLED

EtraLED -VOS-9650 Vossloh-Schwabe Modular Passive tar LED Heat Sink Φ 96mm

Mounting Options and Drawings & Dimensions

Example:EtraLED-VOS-9650-B-3

Example:EtraLED-VOS-96 **1** - **2** - **3**

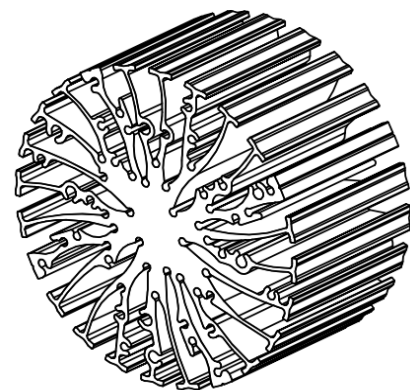
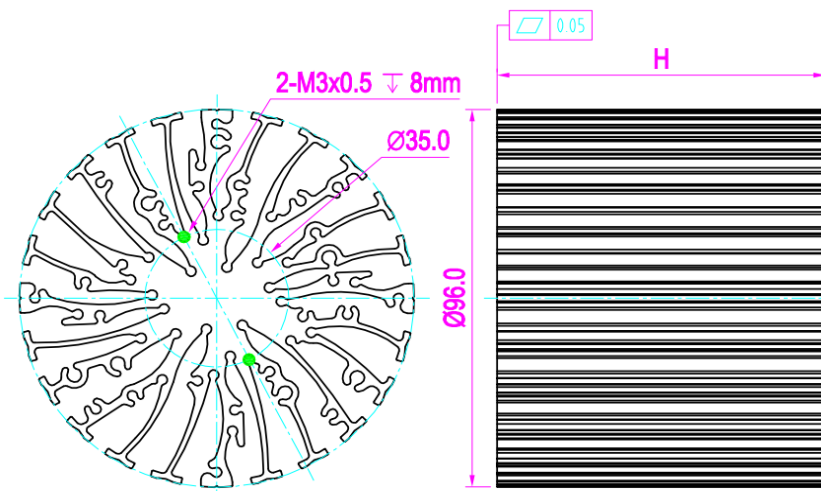
- 1** Height (mm)
- 2** Anodising Color
B-Black
C-Clear
Z-Custom
- 3** Mounting Options - see graphics for details Combinations available
Ex.order code - 12 means option 1 and 2 combined

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) (47.319.2030.50)	M3	6mm	35.0mm/ 2-@180°
		AAG.STUCCHI (8101-G2) (8102-G2)			
	LUGA Shop 2014 PCB	Vossloh-Schwabe			
	LUGA Shop 2014	/			



Tel:+86-769-39023131
 E-fax:+86-(020)28819702 ext:22122
 Email:sales@mingfatech.com
 Http://www.heatsinkled.com
 Http://www.mingfatech.com



EtraLED

EtraLED -VOS-9650 Vossloh-Schwabe Modular Passive tar LED Heat Sink Φ 96mm

The thermal data table

	
	<i>EtraLED-9650</i>
Model No.	EtraLED-VOS-9650
Size	Φ 96xH50mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	386
Thermal Wattage	37.5W
HeatsinkOs-a²	114836
Heat Sink T_{Rise Above Ambient}	1.20

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-9650	EtraLED-VOS-9650
10		1.9	19
15		1.7	26
20		1.6	32
25		1.5	37
30		1.4	43
35		1.4	48
40		1.3	53
50		1.2	62

