



for

LED

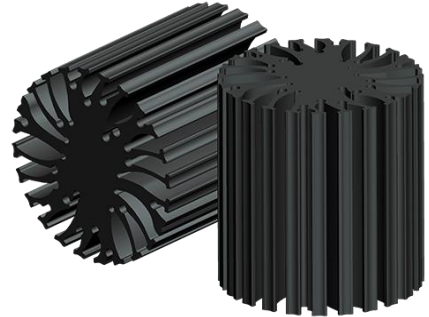


EtraLED

EtraLED-VOS-4880 Vossloh-Schwabe Modular Passive Star LED Heat Sink Φ 48mm

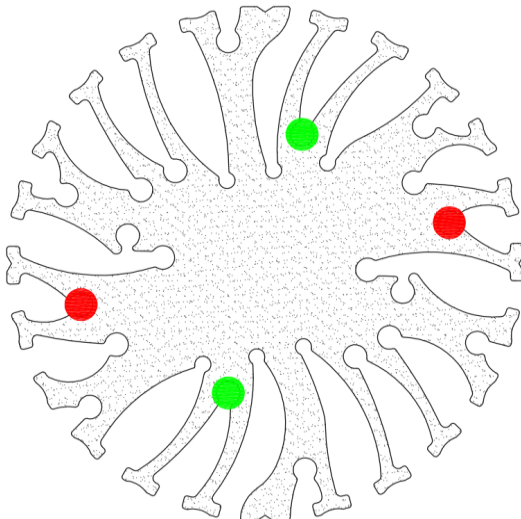
Features VS Benefits

- * The EtraLED-VOS-4880 Vossloh-Schwabe Modular Passive Star LED Heat Sinks 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 600 to 1700 lumen.
- * Thermal resistance range R_{th} 3.6°C/W.
- * Modular design with mounting holes foreseen for direct mounting of Vossloh-Schwabe LUGA Shop and LUGA C LED engines.
- * Diameter 48mm - standard height 80mm 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 COB's and LED modules which standard fit on the EtraLED Star LED Heat Sinks.
- * In this way mechanical after work and related costs can be avoided, and lighting designers can standardize their designs on a limited number of Star LED Heat Sinks.



Vossloh-Schwabe LED engines for which Zhaga book3 LED Modules holders are available.

For the LUGA Shop 2014 Module.

- WU-M-484-827;
- WU-M-484-830;
- WU-M-484-835;
- WU-M-484-840;

- WU-M-485-827;
- WU-M-485-830;
- WU-M-485-835;
- WU-M-485-840;

For the LUGA Shop 2014 PW Module.

- WU-M-484-831-PW;
- WU-M-485-831-PW;

For the LUGA Shop 2014 HiCRI LED Module.

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

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

For the LUGA Shop 2014 PW Module.

- WU-M-484-931-PW;
- WU-M-485-931-PW;

Zhaga Book3 Red indicator marks:

Direct mounting with machine screws M3x6mm;

For the LUGA C 2015 LED engines.

- DMC104Cxxx;
- DMC115Cxxx;
- DMC118Cxxx;

Zhaga Book3 Red indicator marks:

AAG, STUCCHI holder: 8101-G2;

BJB holder: 47.319.2021.50;

Mounting with machine screws M3x6mm;

Please refer to the "www.vossloh-schwabe.com" data provided on the manual.

Tel: +86-769-39023131

E-fax: +86-(020)28819702 ext:22122

Email: sales@mingfatech.com

Http://www.heatsinkled.com

Http://www.mingfatech.com





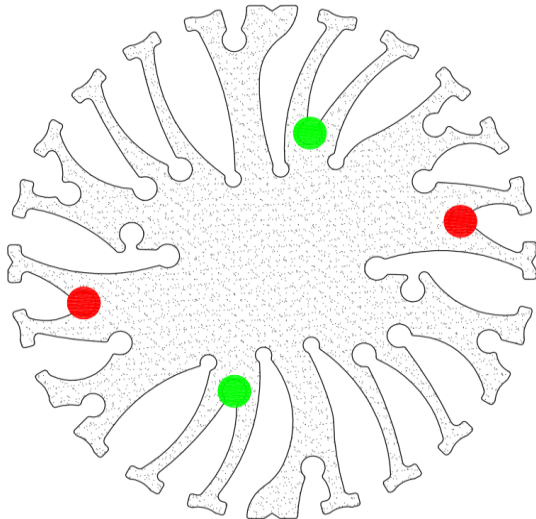
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EtraLED-VOS-4880 Vossloh-Schwabe Modular Passive tar LED Heat Sink Φ 48mm



Vossloh-Schwabe LED engines for which Zhaga book3 LED Modules holders are available.

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

- DMS088C27E1;
- DMS088C30E1;
- DMS088C35E1;
- DMS088C40E1;
- DMS128C27E1;
- DMS128C30E1;
- DMS128C35E1;
- DMS128C40E1;

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

- DMS088C31EP1;
- DMS128C31EP1;

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

- DMS088D27E1;
- DMS088D30E1;
- DMS088D35E1;
- DMS088D40E1;
- DMS128D27E1;
- DMS128D30E1;
- DMS128D35E1;
- DMS128D40E1;

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

- DMS088D31EP1;
- DMS128D31EP1;

Zhaga Book3 Red indicator marks:
Direct mounting with machine screws M3x6mm;

Please refer to the "www.vossloh-schwabe.com" data provided on the manual.

Vossloh-Schwabe LED engines for which Zhaga book11 LED Modules holders are available.

For the LUGA C 2015 LED engines.
(AAG.STUCCHI holder:8100-G2); (BJB holder:47.319.6060.50);

- DMC112C27E;
- DMC112C30E;
- DMC112C40E;

Zhaga Book11 Green indicator marks:
Direct mounting with machine screws M3x8mm;

Please refer to the "www.vossloh-schwabe.com" data provided on the manual.



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EtraLED-VOS-4880 Vossloh-Schwabe Modular Passive tar LED Heat Sink Φ 48mm

Mounting Options and Drawings & Dimensions

Example:EtraLED -VOS-4880-B-3

Example:EtraLED -VOS-48 **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

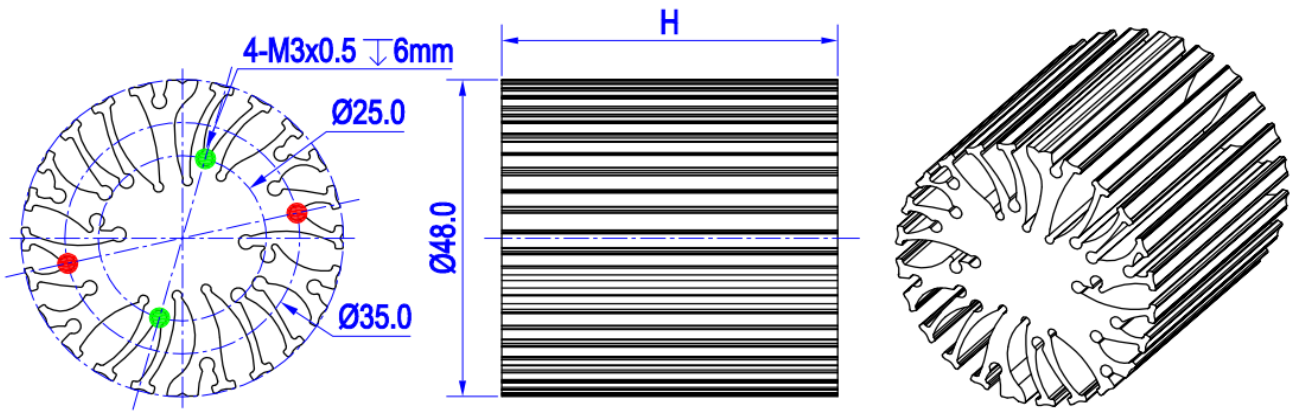
Notes:

- 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 (47.319.6060.50)	M3	8mm	25.0mm/ 2-@180°
		AAG.STUCCHI (8100-G2)			
2	LUGA C	BJB (47.319.2021.50)	M3	8mm	35.0mm/ 2-@180°
		AAG.STUCCHI (8101-G2)			
	LUGA Shop 2014 PCB	Vossloh-Schwabe			
	LUGA Shop 2014	/			



EtraLED

EtraLED-VOS-4880 Vossloh-Schwabe Modular Passive tar LED Heat Sink Φ 48mm

The thermal data table

	 <i>EtraLED-4880</i>
Model No.	EtraLED-VOS-4880
Size	Φ48xH80mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	213.0
Thermal Wattage	14.0W
HeatsinkΘs-a²	58826
Heat Sink T Rise Above Ambient	3.6

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)
		EtraLED-VOS-4880	EtraLED-VOS-4880
2.5		4.4	11.0
4.5		4.2	19.0
7.0		3.7	26.0
9.5		3.7	35.0
12.0		3.6	43.0
17.5		3.1	53.0
24.0		2.8	66.0

