



for

LED

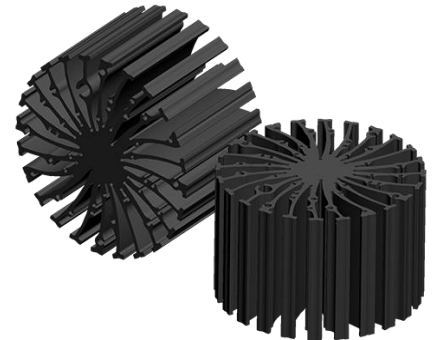


*EtraLED*

**EtraLED-VOS-13080 Vossloh-Schwabe Modular Passive Star LED Heat Sink  $\Phi$ 130mm**

### Features VS Benefits

- \* The EtraLED-VOS-13080 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 2500 to 8500 lumen.
- \* Thermal resistance range Rth 0.7°C/W.
- \* Modular design with mounting holes foreseen for direct mounting of Vossloh-Schwabe LUGA C LED engines.
- \* Diameter 130mm - standard height 80mm Other heights on request.
- \* Extruded from highly conductive aluminum.

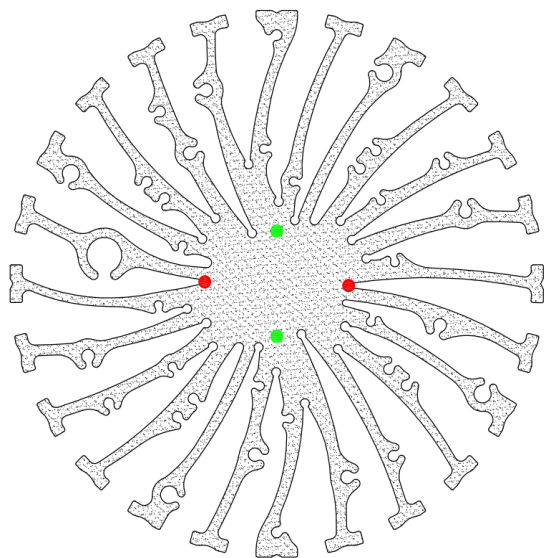


### Zhaga LED engine and radiator assembly is a unified future international standardization

- \* 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.



**STUCCHI**  
ideas are made of light



**Vossloh-Schwabe LED engines for which Zhaga Book3 LED Modules holders are available.**

For the LUGA C 2015 LED engines.  
(AAG.STUCCHI holder:8102-G2); (BJB holder:47.319.2030.50);

DMC11CC27E;  
DMC11CC30E;  
DMC11CC35E;  
DMC11CC40E;  
DMC11CB40E;  
DMC11CC50E;  
DMC11CB50E;

DMC16CC30E;  
DMC16CC40E;  
DMC16CB40E;  
DMC16CC50E;  
DMC16CB50E;

Zhaga Book3 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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**Mounting Options and Drawings & Dimensions**

Example: EtraLED -VOS-13080-B-3

Example: EtraLED -VOS-130 **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

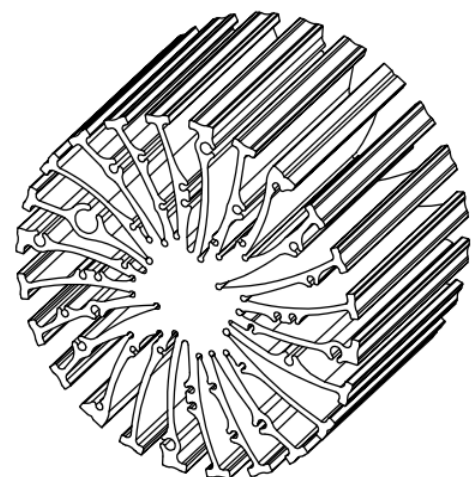
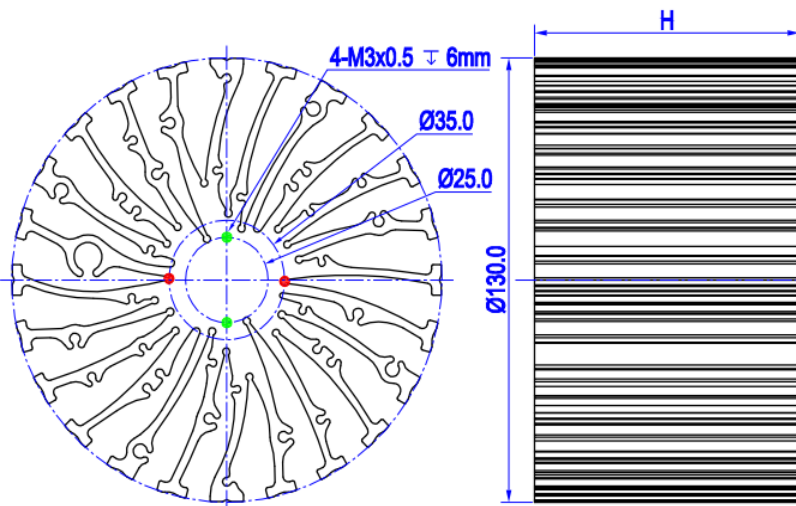
means option 1 and 2 combined

**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.



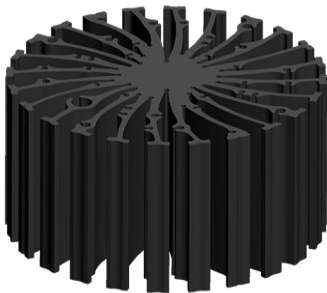
MOUNTING OPTION	Module type	Holder NO.	THREAD	THREAD DEPTH	THREAD HOLE DISTANCE
1	LUGA C	BJB (47.319.6060.50)	M3	8mm	25.0mm/ 2-@180°
		AAG.STUCCHI (8100-G2)			
2	LUGA C	AAG.STUCCHI (8102-G2)	M3	8mm	35.0mm/ 2-@180°
		BJB (47.319.2030.50)			
	LUGA Shop 2014 PCB	Vossloh-Schwabe			
	LUGA Shop 2014	/			



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The thermal data table

	
	<i>EtraLED-13080</i>
<b>Model No.</b>	EtraLED-VOS-13080
<b>Size</b>	$\Phi$ 130xH80mm
<b>Material</b>	AL6063-T5
<b>Finish</b>	Black Anodized
<b>Weight(gr)</b>	1108.0
<b>Thermal Wattage</b>	70.6W
<b>Heatsink <math>\Theta_{s-a^2}</math></b>	245462
<b>Heat Sink T Rise Above Ambient</b>	0.7

	Pd = Pe x (1- $\eta$ L)	Heat sink to ambient thermal resistance Rhs-amb ( $^{\circ}$ C/W)	Heat sink to ambient temperature rise Ths-amb ( $^{\circ}$ C)
		EtraLED-VOS-13080	EtraLED-VOS-13080
Dissipated Power Pd(W)	15	1.2	13
	30	1.05	23
	45	0.9	31.5
	55	0.8	37.5
	65	0.72	43
	75	0.62	48
	85	0.55	53

