



*SimpoleD*

**SimpoleD-VOS-11780 Vossloh-Schwabe Modular Passive LED Cooler  $\Phi$ 117mm**

**Features VS Benefits**

- \* The SimpoleD-VOS-11780 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 7300 lumen.
- \* Thermal resistance range Rth 0.8°C/W.
- \* Modular design with mounting holes foreseen for direct mounting of Vossloh-Schwabe LUGA Shop LED engines.
- \* Diameter 117mm - standard height 80mm Other heights on request.
- \* Extruded from highly conductive aluminum.

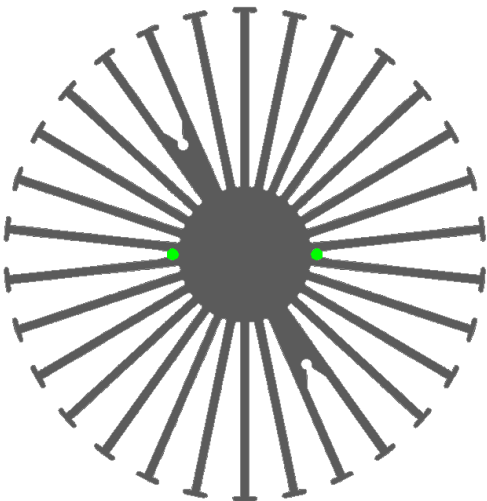


**Zhaga LED engine and radiator assembly is a unified future international standardization**

- \* Below you find an overview of Vossloh-Schwabe 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.



**STUCCHI**  
Ideas are made of light



**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-Ca40;	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.

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





for

LED



*SimpoleD*

SimpoleD-VOS-11780 Vossloh-Schwabe Modular Passive LED Cooler  $\Phi$ 117mm

**Mounting Options and Drawings & Dimensions**

Example: SimpoleD-VOS-11780-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.

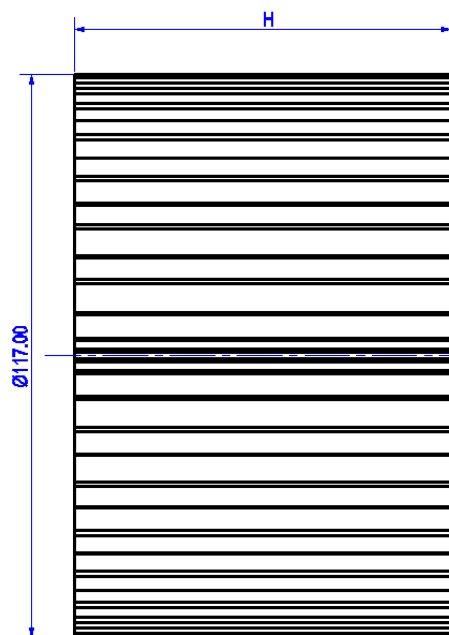
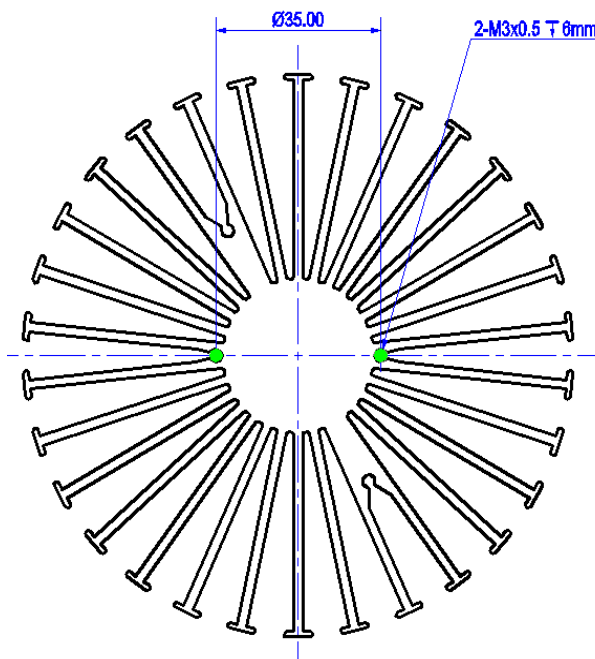
- For specific mechanical adaptations please contact MingfaTech.

- MingfaTech reserves the right to change products or specifications without prior notice.



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	/			



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



*SimpoleD*

SimpoleD-VOS-11780 Vossloh-Schwabe Modular Passive LED Cooler  $\Phi$ 117mm

The thermal data table

	 <p><i>SimpoleD-11780</i></p>
<b>Model No.</b>	<b>SimpoleD-VOS-11780</b>
<b>Size</b>	<b><math>\Phi</math>117xH80mm</b>
<b>Material</b>	<b>AL6063-T5</b>
<b>Finish</b>	<b>Black Anodized</b>
<b>Weight(gr)</b>	<b>774.0</b>
<b>Thermal Wattage</b>	<b>60.7W</b>
<b>Heatsink<math>\Theta</math>s-a<sup>2</sup></b>	<b>231490</b>
<b>Heat Sink T<sub>Rise Above Ambient</sub></b>	<b>0.8</b>

Dissipated Power Pd(W)	Pd = Pe x (1- $\eta$ L)	Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
		SimpoleD-VOS-11780	SimpoleD-VOS-11780
15.0		1.01	15.2
30.0		0.88	26.4
45.0		0.80	36.1
60.0		0.75	45.2
75.0		0.71	53.8
90.0		0.68	62.0

