



for

LED



SimpoLED

SimpoLED-VOS-160150 for Vossloh-Schwabe Modular Passive LED Cooler Φ160mm

Features VS Benefits

- * The SimpoLED-VOS-160150 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 2500 to 1,5000 lumen.
- * Thermal resistance range Rth 0.42°C/W.
- * Modular design with mounting holes foreseen for direct mounting of Vossloh-Schwabe LUGA Shop LED engines.
- * Diameter 160mm - standard height 150mm 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.



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

For the LUGA C 2015 LED engines.

- | | |
|-------------|-------------|
| DMC11CC27E; | DMC11CB50E; |
| DMC11CC30E; | DMC16CC30E; |
| DMC11CC35E; | DMC16CC40E; |
| DMC11CC40E; | DMC16CB40E; |
| DMC11CB40E; | DMC16CC50E; |
| DMC11CC50E; | DMC16CB50E; |

Zhaga Book3

Green indicator marks.

BJB holder:47.319.2030.50;

AAG.STUCCHI holder:8102-G2;

Mounting with machine screws M3x6mm,

For the LUGA C 2015 LED engines.

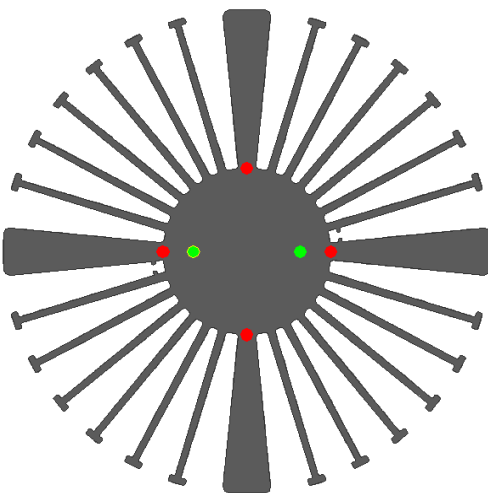
- DMC17QC30E;
- DMC17QC40E;
- DMC17QB40E;
- DMC17QC50E;
- DMC17QB50E;

Red indicator marks.;

BJB holder:47.319.4160.50

Mounting with machine screws M4x6mm;

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





SimpoleD

SimpoleD-VOS-160150 for Vossloh-Schwabe Modular Passive LED Cooler Φ 160mm

Mounting Options and Drawings & Dimensions

Example: SimpoleD-VOS-160150-B-1

Example: SimpoleD-VOS-160 **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

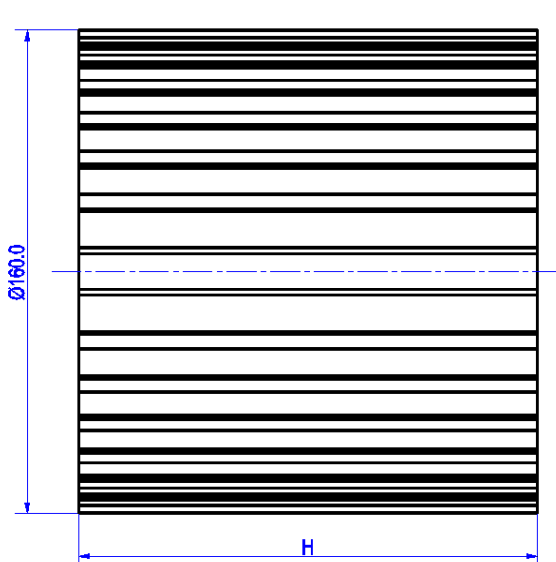
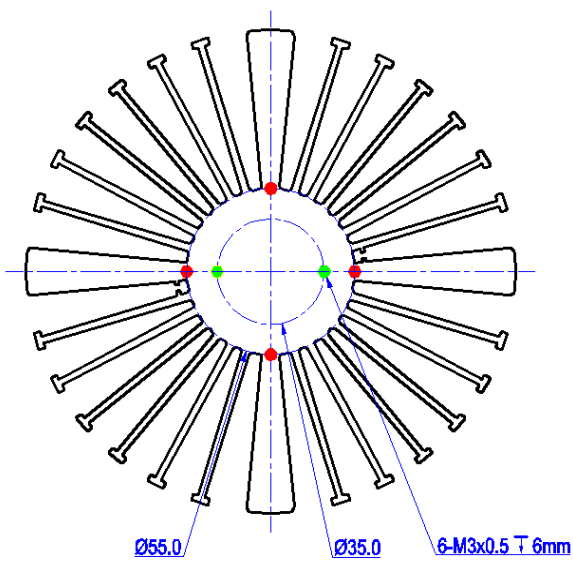
Notes:

- 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 Shop 2014 PCB | Vossloh-Schwabe | M3 | 6mm | 35.0mm/ 2-@180° |
| | LUGA C | AAG.STUCCHI (8102-G2) | | | |
| | | BJB (47.319.2030.50) | | | |
| LUGA Shop 2014 | / | | | | |
| 2 | LUGA C | BJB (47.319.4160.50) | M3 | 6mm | 55.0mm/ 4-@90° |



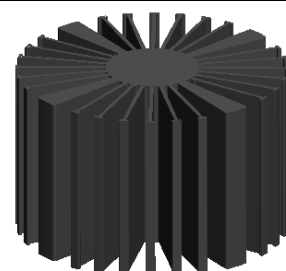
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Http://www.mingfatech.com



SimpoleD

SimpoleD-VOS-160150 for Vossloh-Schwabe Modular Passive LED Cooler Φ 160mm

The thermal data table

| | |
|---------------------------------------|--|
| |  <i>SimpoleD-160150</i> |
| Model No. | SimpoleD-VOS-160150 |
| Size | Φ160xH150mm |
| Material | AL6063-T5 |
| Finish | Black Anodized |
| Weight(gr) | 3155 |
| Thermal Wattage | 120.0W |
| HeatsinkOs-a² | 506323 |
| Heat Sink T Rise Above Ambient | 0.42 |

| 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) |
|------------------------|----------------------------|--|--|
| | | SimpoleD-VOS-160150 | SimpoleD-VOS-160150 |
| 25 | | 0.56 | 14.0 |
| 45 | | 0.53 | 24.0 |
| 60 | | 0.50 | 30.0 |
| 75 | | 0.47 | 35.0 |
| 90 | | 0.44 | 40.0 |
| 100 | | 0.43 | 43.0 |
| 120 | | 0.42 | 50.0 |

