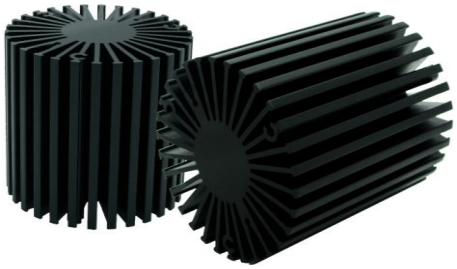
SimpoLED

SimpoLED-OSR-5850 for OSRAM Modular Passive LED Cooler Φ58mm

Features VS Benefits



* The SimpoLED-OSR-5850 OSRAM Modular Passive LED Coolers are specifically designed for luminaires using the OSRAM 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 400 to 1300 lumen.
* Thermal resistance range Rth 3.7°C/W.
* Modular design with mounting holes foreseen for direct mounting of OSRAM PrevaLED Core AC , SOLERIQ P6 and SOLERIQ S13 LED engines.
* Diameter 58mm - standard height 50mm Other heights on request.
* Extruded from highly conductive aluminum.

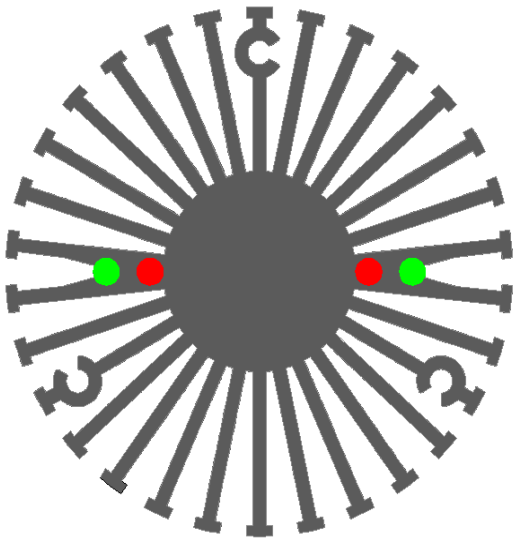
Zhaga LED engine and radiator assembly is a unified future international standardization

* Below you find an overview of OSRAM 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.

OSRAM

BJB

A.A.G. STUCCHI
ideas are made of light



OSRAM LED engines Mounting Options

Osram PrevaLED Core AC LED modules.

PL-CORE AC -800-827;
PL-CORE AC -800-830;
PL-CORE AC -800-840;
LEP -800-827-C-AC;

Osram PrevaLED Core Z3 LED modules.

PL-CORE -1100-830-Z3;
PL-CORE -1100-840-Z3;

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

Osram SOLERIQ P6 modules.

GW MAEGB1.EM-QPQS-27S3;
GW MAEGB1.EM-QQQT-30S3;
GW MAEGB1.EM-QQQT-35S3;
GW MAEGB1.EM-QRQU-40S3;
GW MAEGB1.EM-QRQU-40S3;
GW MAEGB1.CM-PTQQ-27S3;
GW MAEGB1.CM-PUQR-30S3;
GW MAEGB1.CM-PUQR-35S3;
GW MAEGB1.CM-QPQS-40S3;

Zhaga Book11 Red indicator marks:
BJB holder:47.319.6190.50
AAG.STUCCHI holder:8500-G2
Direct mounting with machine screws M3x6mm;

Osram SOLERIQ S13 modules.

GW KAGHB1.EM-RRRU-27H3;
GW KAGHB1.EM-RSRU-30H3;
GW KAGHB1.EM-RSRU-35H3;
GW KAGHB1.EM-RTSP-40H3;
GW KAGHB1.EM-RTSP-50H3;
GW KAGHB1.EM-RTSP-57H3;
GW KAGHB1.EM-RTSP-65H3;
GW KAGHB1.CM-RQRT-27H3;
GW KAGHB1.CM-RRRT-30H3;
GW KAGHB1.CM-RSRU-40H3;

Zhaga Book11 Red indicator marks:
BJB holder:47.319.6111.50
Direct mounting with machine screws M3x6mm;

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Mingfa TECH

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Mounting Options and Drawings & Dimensions

Example:SimpoLED-OSR-5850-B-3

Example:SimpoLED-OSR-58 1 - 2 - 3

1 Height (mm)

2 Anodising Color

B-Black

C-Clear

Z-Custom

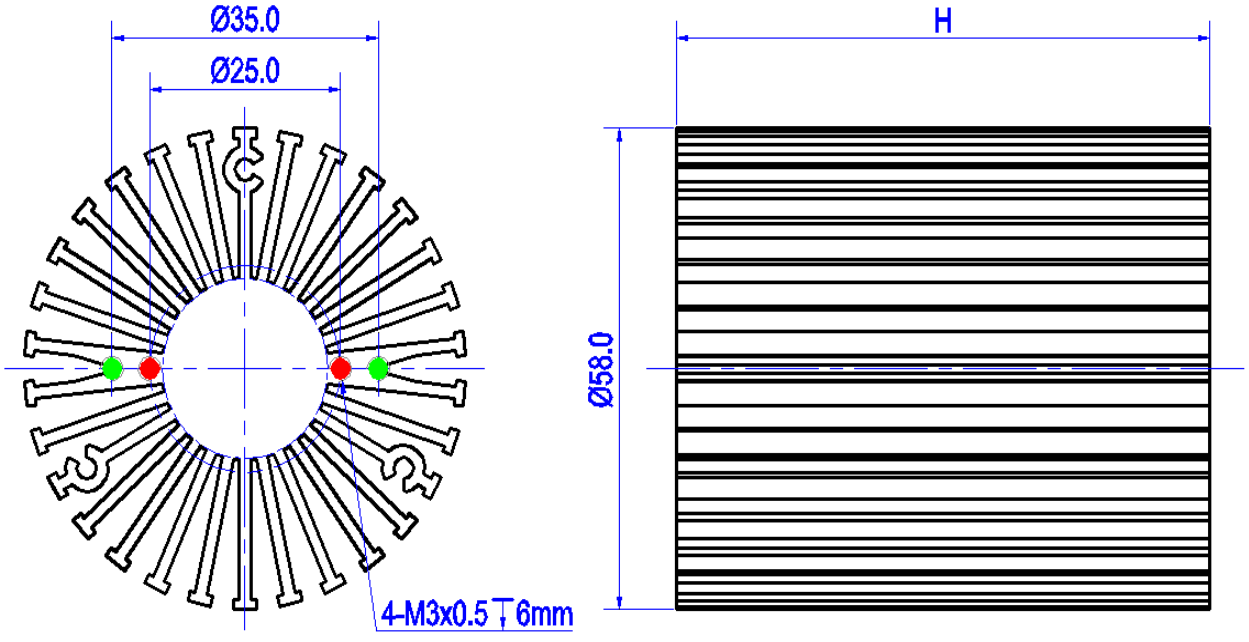
3 Mounting Options - see graphics for details Combinations available

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	SOLERIQ P6	AAG.STUCCHI: 8500-G2	M3	6mm	25.0mm/ 2-@180°
		BJB: 47.319.6190.50			
	SOLERIQ S13	BJB:47.319.6111.50			
2	PrevaLED Core AC PrevaLED Core Z3	/	M3	6mm	35.0mm/ 2-@180°



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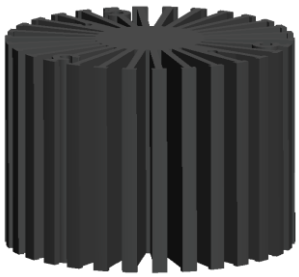
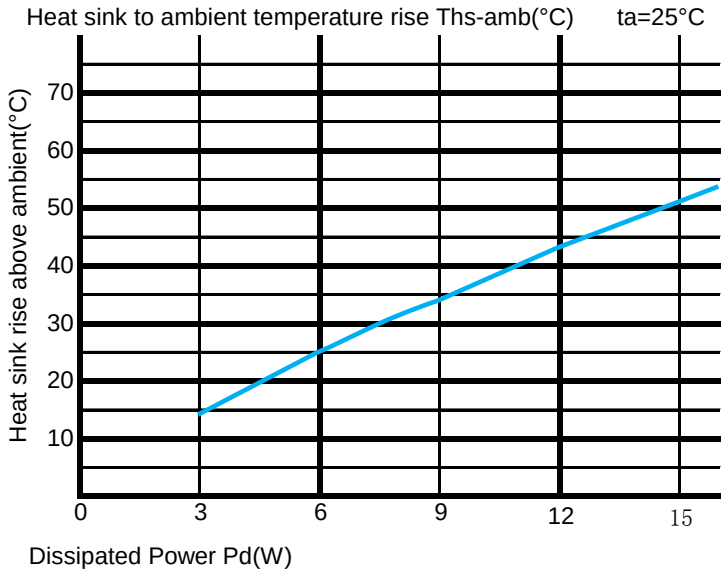
The thermal data table

	 SimpoLED-5850
Model No.	**SimpoLED-OSR-5850**
Size	**Φ58xH50mm**
Material	**AL6063-T5**
Finish	**Black Anodized**
Weight(gr)	**174.0**
Thermal Wattage	**12.2W**
HeatsinkΘs-a²	**65040**
Heat Sink T Rise Above Ambient	**3.7**

Pd = Pe x (1-ηL)		Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
		SimpoLED-OSR-5850	SimpoLED-OSR-5850
Dissipated Power Pd(W)	3.0	4.83	14.5
	6.0	4.16	25.0
	9.0	3.82	34.4
	12.0	3.58	43.0
	15.0	3.40	51.0



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