

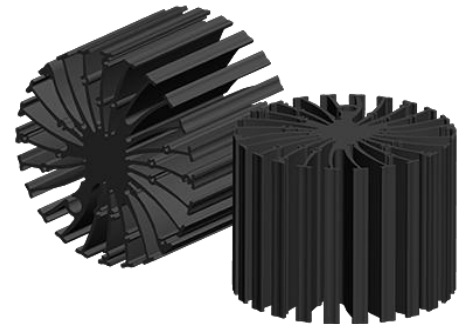


EtraLED

EtraLED-OSR-11080 Osram Modular Passive Star LED Heat Sink Φ 110mm

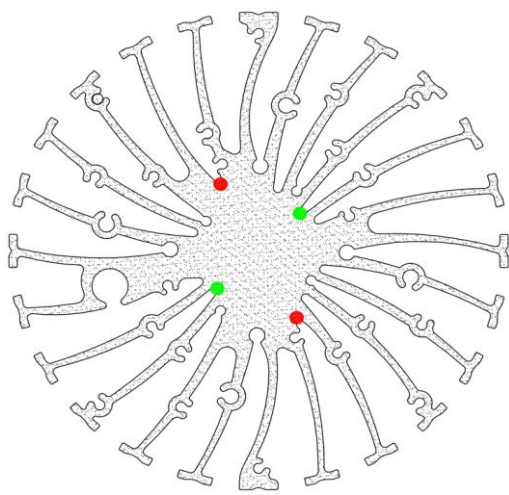
Features VS Benefits

- * The EtraLED-OSR-11080 Osram Modular Passive Star LED Heat Sinks 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 2500 to 6600 lumen.
- * Thermal resistance range Rth 0.9°C/W.
- * Modular design with mounting holes foreseen for direct mounting of Osram SOLERIQ P9, SOLERIQ S13 and SOLERIQ S19 LED engines.
- * Diameter 110mm - 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 Osram 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.



Osram LED engines for which Zhaga book3 LED Modules holders are available.

For the Osram SOLERIQ S19 LED modules.
(AAG.STUCCHI holder:8503-G2); (BJB holder:47.319.2170.50);

- | | |
|-------------------------|-------------------------|
| GW KAHLB1.EM-TQTS-27S3; | GW KAHLB1.EM-SUTQ-27S3; |
| GW KAHLB1.EM-TQTT-30S3; | GW KAHLB1.EM-TPTR-30S3; |
| GW KAHLB1.EM-TRTT-35S3; | GW KAHLB1.EM-TPTR-35S3; |
| GW KAHLB1.EM-TRTU-40S3; | GW KAHLB1.EM-TQTS-40S3; |
| GW KAHNB1.CM-TSTU-27S3; | GW KAHNB1.EM-TUUQ-27S3; |
| GW KAHNB1.CM-TSTU-30S3; | GW KAHNB1.EM-TUUR-30S3; |
| GW KAHNB1.CM-TTUP-35S3; | GW KAHNB1.EM-UPUR-35S3; |
| GW KAHNB1.CM-TUUQ-40S3; | GW KAHNB1.EM-UPUS-40S3; |

Zhaga Book3 Red indicator marks:
Direct mounting with machine screws M3x8mm;

For the Osram SOLERIQ P13 modules.
(BJB holder:47.319.2131.50);

- | | |
|-------------------------|-------------------------|
| GW MAGMB1.CM-SUTR-27S3; | GW MAGMB1.EM-TQTT-27S3; |
| GW MAGMB1.CM-TPTS-30S3; | GW MAGMB1.EM-TRTU-30S3; |
| GW MAGMB1.CM-TPTS-35S3; | GW MAGMB1.EM-TSUP-35S3; |
| GW MAGMB1.CM-TQTT-40S3; | GW MAGMB1.EM-TSUP-40S3; |
| | GW MAGMB1.EM-TSUP-50S3; |

Zhaga Book3 Red indicator marks:
Direct mounting with machine screws M3x8mm;

For the Osram PrevaLED Core Z3 LED modules.

- PL-CORE -5000-830-Z3;
- PL-CORE -5000-840-Z3;
- PL-CORE -5000-930-Z3

Zhaga Book3 Red indicator marks:
Direct mounting with machine screws M3x8mm;

For the Osram PrevaLED Core Z4 LED modules.

- | | |
|-----------------------|-----------------------|
| PL-CORE-Z4 -4500-930; | PL-CORE-Z4 -5000-835; |
| PL-CORE-Z4 -5000-830; | PL-CORE-Z4 -5000-840; |

Zhaga Book3 Red indicator marks:
Direct mounting with machine screws M3x8mm;

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for

LED



EtraLED

EtraLED-OSR-11080 Osram Modular Passive Star LED Heat Sink Φ 110mm

Mounting Options and Drawings & Dimensions

Example: EtraLED-OSR-11080-B-3

Example: EtraLED-OSR-110 **1** - **2** - **3**

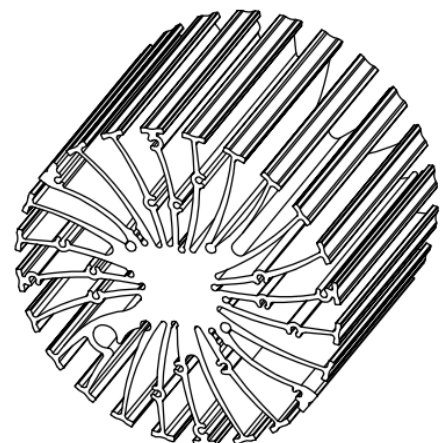
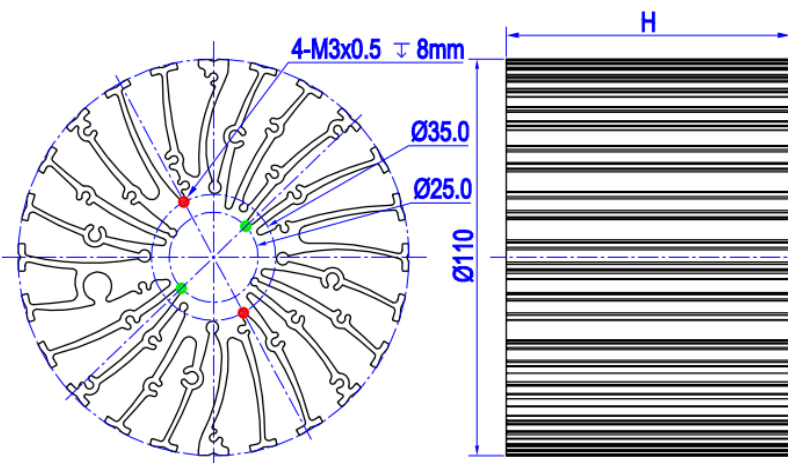
- 1** Height (mm)
- 2** Anodising Color
B-Black
C-Clear
Z-Custom
- 3** Mounting Options - see graphics for details Combinations available
Ex.order code - 12
means option 1 and 2 combined



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 P9	AAG.STUCCHI (8501-G2)	M3	8mm	25.0mm/ 2-@180°
		BJB (47.319.6200.50)			
	SOLERIQ S13	BJB (47.319.6111.50)			
2	SOLERIQ S19	AAG.STUCCHI (8503-G2)	M3	8mm	35.0mm/ 2-@180°
		BJB (47.319.2170.50)			
	SOLERIQ P13	BJB (47.319.2131.50)			
	PrevaLED Core	/			



The thermal data table

	 <i>EtraLED-1180</i>
Model No.	EtraLED-OSR-11080
Size	Φ110xH80mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	662.0
Thermal Wattage	57.0W
HeatsinkOs-a²	194856
Heat Sink T Rise Above Ambient	0.9

Dissipated Power Pd(W)	Pd = Pe x (1-ηL)	Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
		EtraLED-OSR-11080	EtraLED-OSR-11080
10		1.30	13.0
15		1.20	18.0
20		1.10	22.0
25		1.10	27.5
35		1.00	35.0
45		0.95	43.0
55		0.90	49.0
60		0.88	54.0

