



for

LED



BuLED

BuLED-50F-SEO LED light accessory to replace MR16 fitting for Seoul modulars

Features VS Benefits

- * BuLED-50F LED light accessory includes one LED cooler and one LED housing to be assembled with Seoul modules to replace MR16.
- * 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 form 500 to 1800 lumen.
- * Thermal resistance range Rth 3.7°C/W.
- * Heatsink Diameter 48mm - Standard height 50mm , Other heights on request.
- * Housing Diameter 50mm - Standard height 50mm , Other heights on request.
- * Modular design with mounting holes foreseen for direct mounting of Seoul ZC LED engines.
- * Forged from highly conductive aluminum.



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

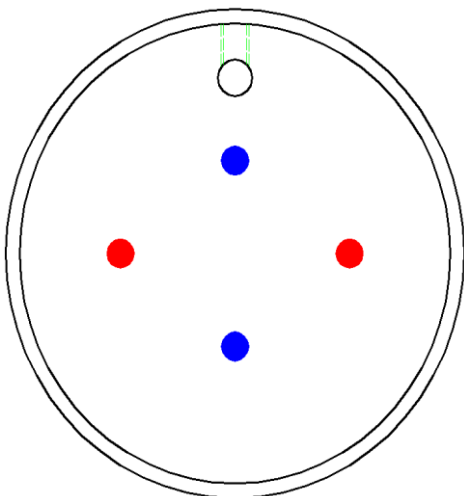
- * Below you find an overview of Seoul LED modules which standard fit on the BuLED-50F series.
- * In this way mechanical after work and related costs can be avoided, and lighting designers can standardize their designs on a limited number of Star LED Heat Sinks.



SEOUL SEMICONDUCTOR



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Seoul COB engines Mounting Options

ZC4 Series COB Modules:

- SDW01F1B;
- SDW81F1B;

ZC6 Series COB Modules:

- SDW01F1C;
- SDW81F1C;
- SDW91F1C;

- Zhaga Book 11 hoder;
- Red indicator marks
- BJB Spotlight connector:47.319.6060.50;
- AAG.STUCCHI:8100-G2;
- Mounting with 2 screws M3x6.5mm.
- Direct mounting with 2 screws M3x6.5mm.
- Blue indicator marks



Mounting Options and Drawings & Dimensions

Example: BuLED-50F-SEO-B-1,2

Example: BuLED-50F-SEO-**1** - **2**

1 Anodising Color

- B-Black
- C-Clear
- Z-Custom

2 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.

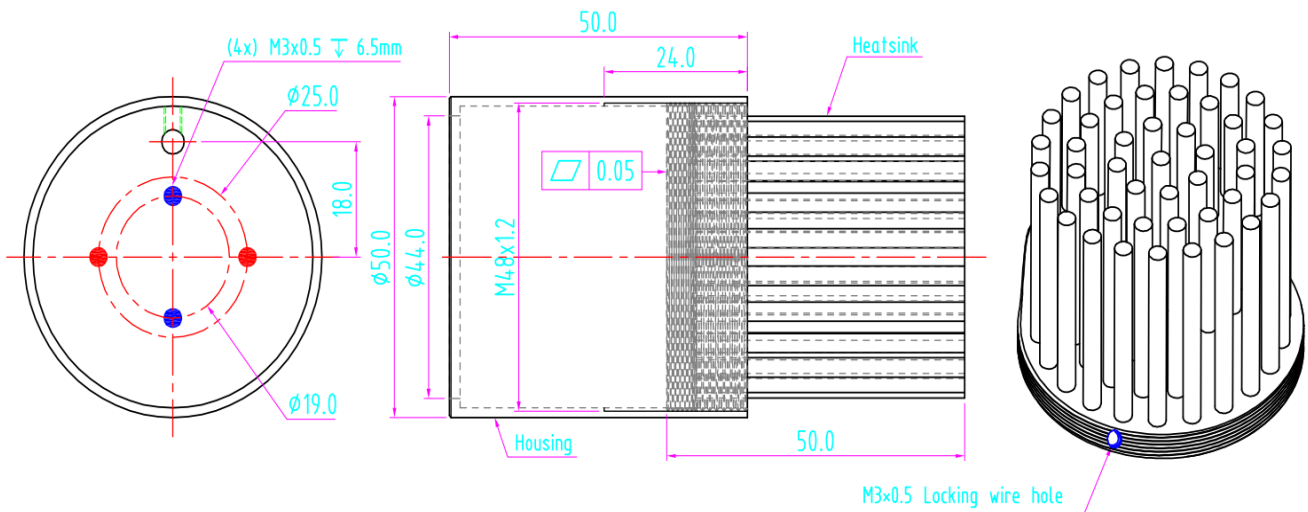


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MOUNTING OPTION	Module type	Holder NO.	THREAD	THREAD DEPTH	THREAD HOLE DISTANCE
1	ZC4 ZC6	/	M3	6.5mm	19.0mm/ 2-@180°
2		AAG.STUCCHI 8100-G2	M3	6.5mm	25.0mm/ 2-@180°
	BJB 47.313.6060.50				



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The thermal data table

	 BuLED
Model No.	BuLED-50F-SEO
Heatsink Size	Φ48xH50mm
Housing Size	Φ50xH50mm
Material (Heatsink + Housing)	AL1070 + AL6063-T5
Finish	Black Anodized
Weight(g)	93.0
Thermal Wattage	15.0W
HeatsinkΘ_{s-a^2}	23458
Thermal Resistance	3.7

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)
		BuLED-50F-SEO	BuLED-50F-SEO
2.5		5.6	14.0
4.5		5.3	24.0
7.0		4.6	32.0
9.5		4.3	41.0
12.0		4.1	49.0
15.0		3.7	55.0

