



for

LED



**BuLED**

**BuLED-50F-LUN LED light accessory to replace MR16 fitting for Luminus modulars**

**Features VS Benefits**

- \* BuLED-50F LED light accessory includes one LED cooler and one LED housing to be assembled with Luminus 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 Luminus COB LED engines.
- \* Forged from highly conductive aluminum.

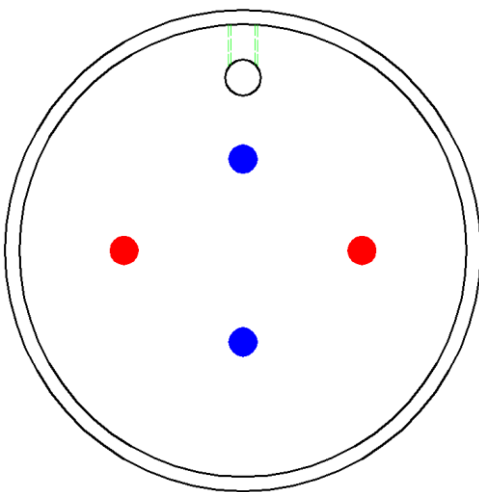


**Zhaga LED engine and radiator assembly is a unified future international standardization**

- \* Below you find an overview of Luminus 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.



**STUCCHI**  
ideas are made of light



**Luminus LED engines Mounting Options**

**CLM-9 COB Arrays LED Modules names:**

- CLM-9-27-XX-36-AC00-XX-X;
- CLM-9-30-XX-36-AC00-XX-X;
- CLM-9-35-XX-36-AC00-XX-X;
- CLM-9-40-XX-36-AC00-XX-X;
- CLM-9-50-XX-36-AC00-XX-X;

**CXM-9 COB Arrays LED Modules names:**

- CXM-9-27-XX-36-AC00-XX-X;
- CXM-9-30-XX-36-AC00-XX-X;
- CXM-9-35-XX-36-AC00-XX-X;
- CXM-9-40-XX-36-AC00-XX-X;
- CXM-9-50-XX-36-AC00-XX-X;

**CHM-9 COB Arrays LED Modules names:**

- CHM-9-27-XX-36-AC00-XX-X;
- CHM-9-30-XX-36-AC00-XX-X;
- CHM-9-35-XX-36-AC00-XX-X;
- CHM-9-40-XX-36-AC00-XX-X;
- CHM-9-50-XX-36-AC00-XX-X;
- CHM-9-65-XX-36-AC00-XX-X;

**With Zhaga Book 11 for red indicator marks:**

- BJB Holder:47.319.6060.50;
- AAG.STUCCHI holder:8100-G2;
- Direct mounting with machine screws M3x8mm;
- Without LED holders for blue indicator marks.
- Direct mounting with machine screws M3x8mm;



### Mounting Options and Drawings & Dimensions

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

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

**1** Anodising Color

B-Black

C-Clear

Z-Custom

**2** Mounting Options - see graphics for details Combinations available

Ex.order code - 12

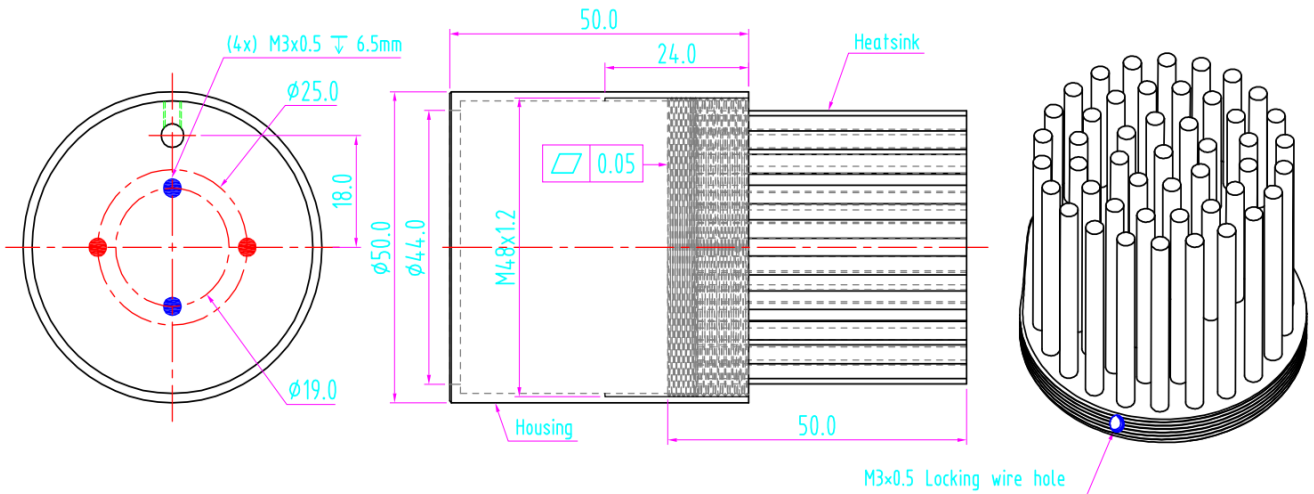
means option 1 and 2 combined

**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.




MOUNTING OPTION	Module type	Holder NO.	THREAD	THREAD DEPTH	THREAD HOLE DISTANCE
1		/	M3	8mm	19.0mm/ 2-@180°
2	CLM-9 CXM-9 CHM-9	AAG.STUCCHI 8100-G2	M3	8mm	25.0mm/ 2-@180°
		BJB			
		47.313.6060.50			



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The thermal data table

	 <b>BuLED</b>
<b>Model No.</b>	BuLED-50F-LUN
<b>Heatsink Size</b>	Φ48xH50mm
<b>Housing Size</b>	Φ50xH50mm
<b>Material (Heatsink + Housing)</b>	AL1070 + AL6063-T5
<b>Finish</b>	Black Anodized
<b>Weight(g)</b>	93.0
<b>Thermal Wattage</b>	15.0W
<b>Heatsink<math>\Theta_s</math>-a<sup>2</sup></b>	23458
<b>Thermal Resistance</b>	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-LUN	BuLED-50F-LUN
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

