



**BuLED**

**BuLED-50F-LUM LED light accessory to replace MR16 fitting for Lumileds modulars**

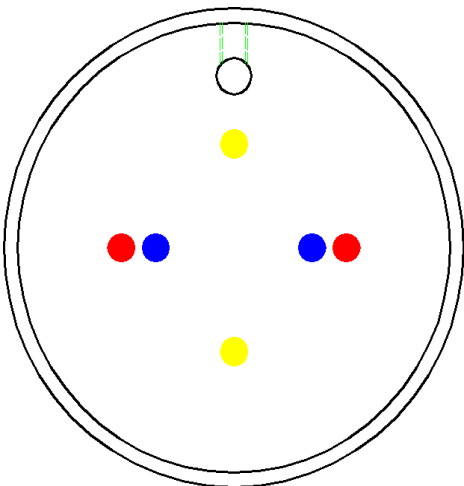
**Features VS Benefits**

- \* BuLED-50F LED light accessory includes one LED cooler and one LED housing to be assembled with Lumileds 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 LUMILEDS Luxeon K and LueonCOB engines.
- \* Forged from highly conductive aluminum.



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

- \* Below you find an overview of Lumileds 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.



**LUMILEDS LED Modules directly Mounting Options**

For the Luxeon K 3-UP/4-UP LED engines.

- LXK8-PWxx-0403;
- LXK8-PWxx-0004;
- LXK9-PWxx-0004;

Direct mounting with machine screws M3x8mm; Blue indicator marks.

For the Luxeon K 6-UP/8-UP LED engines.

- LXK8-PWxx-0206;
- LXK8-PWxx-0008;

Direct mounting with machine screws M3x8mm; Yellow indicator marks.

For the LuxeonCOB LED engines.

- LHC1-xxxx-1202;
- LHC1-xxxx-1203;

Direct mounting with machine screws M3x8mm; Red indicator marks.



### Mounting Options and Drawings & Dimensions

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

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

**1** Anodising Color

B-Black

C-Clear

Z-Custom

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

Ex.order code - 12

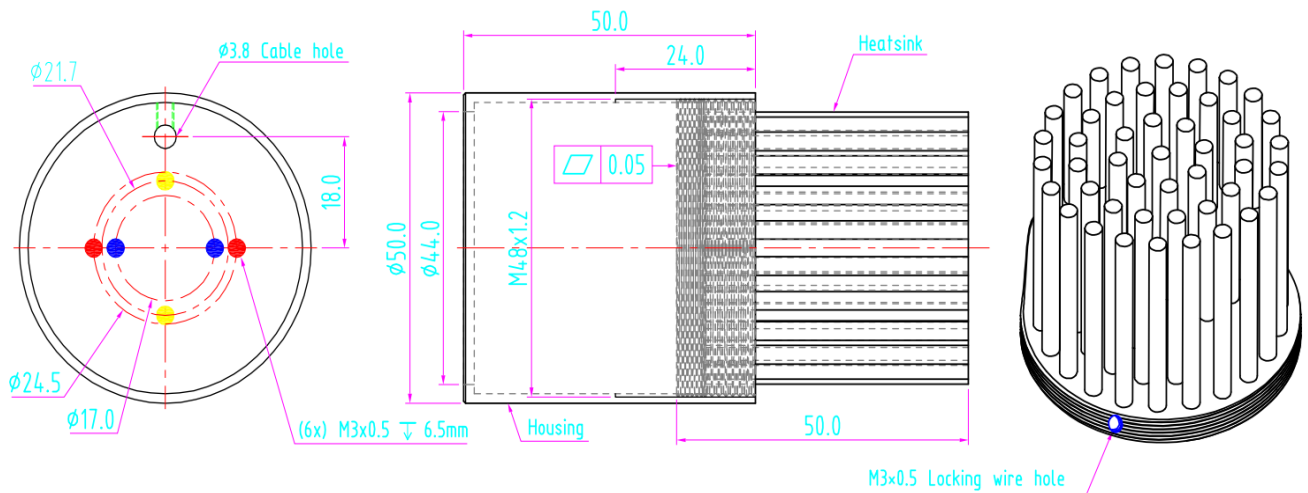
means option 1 and 2 combined

**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	Luxeon K 3-UP Luxeon K 4-UP	/	M3	6.5mm	17.0mm/ @180°
2	Luxeon K 6-UP Luxeon K 8-UP	/	M3	6.5mm	21.7mm/ @180°
3	LuxeonCOB1202 LuxeonCOB1203	/	M3	6.5mm	24.5mm/ @180°




for

LED

*BuLED*

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The thermal data table

	 <i>BuLED</i>
<b>Model No.</b>	<b>BuLED-50F-LUM</b>
<b>Heatsink Size</b>	<b>Φ48xH50mm</b>
<b>Housing Size</b>	<b>Φ50xH50mm</b>
<b>Material (Heatsink + Housing)</b>	<b>AL1070 + AL6063-T5</b>
<b>Finish</b>	<b>Black Anodized</b>
<b>Weight(g)</b>	<b>93.0</b>
<b>Thermal Wattage</b>	<b>15.0W</b>
<b>Heatsink<math>\Theta_s</math>-a<sup>2</sup></b>	<b>23458</b>
<b>Thermal Resistance</b>	<b>3.7</b>

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-LUM	BuLED-50F-LUM
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

