

BuLED

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

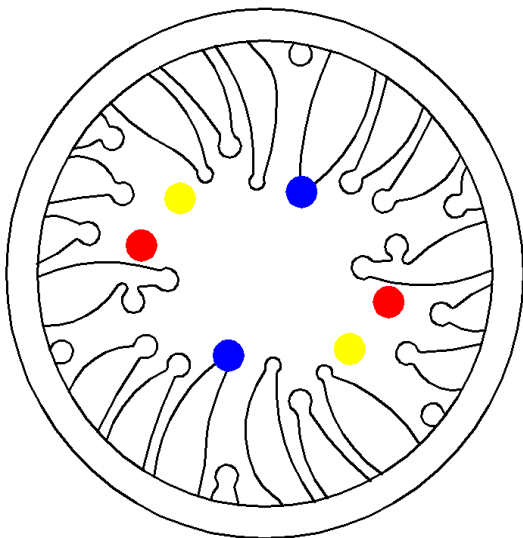
Features VS Benefits

- * BuLED-50E 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 from 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.
- * Extruded 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-50E 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.



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Mounting Options and Drawings & Dimensions

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

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

- 1** Anodising Color
 - B-Black
 - C-Clear
 - Z-Custom

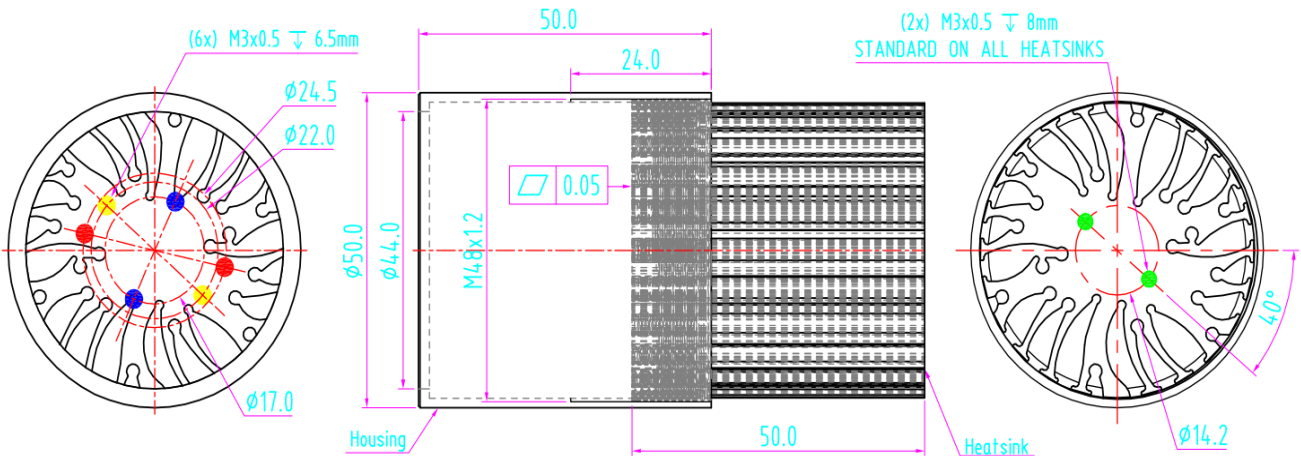
- 2** Mounting Options - see graphics for details Combinations available
 - Ex.order code - 12
 - means option 1 and 2 combined

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

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The thermal data table

	 BuLED
Model No.	BuLED-50E-LUM
Heatsink Size	Φ48xH50mm
Housing Size	Φ50xH50mm
Material	AL6063-T5
Finish	Black Anodized
Weight(g)	160.0
Thermal Wattage	15.0W
HeatsinkOs-a²	36868
Thermal Resistance (°C/W)²	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-50E-LUM	BuLED-50E-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

