



for

LED



**BuLED**

**BuLED-50E-NIC LED light accessory to replace MR16 fitting for Nichia modulars**

**Features VS Benefits**

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

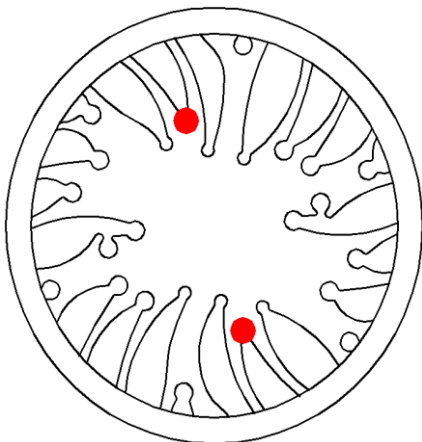


**Zhaga LED engine and radiator assembly is a unified future international standardization**

- \* Below you find an overview of Nichia 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.



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**Nichia LED engines Mounting Options.**

Nichia COB LED modules name:

- NTCWS024B;
- NTCLS024B;

Zhaga Book11 Holders:

- BJB holder:47.319.6180.50;
- A.A.G Stucchi holder:8300/G2
- Direct mounting with machine screws M3x6.5mm;
- Red indicator marks



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### Mounting Options and Drawings & Dimensions

Example: BuLED-50E-NIC-B-1

Example: BuLED-50E-NIC- **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

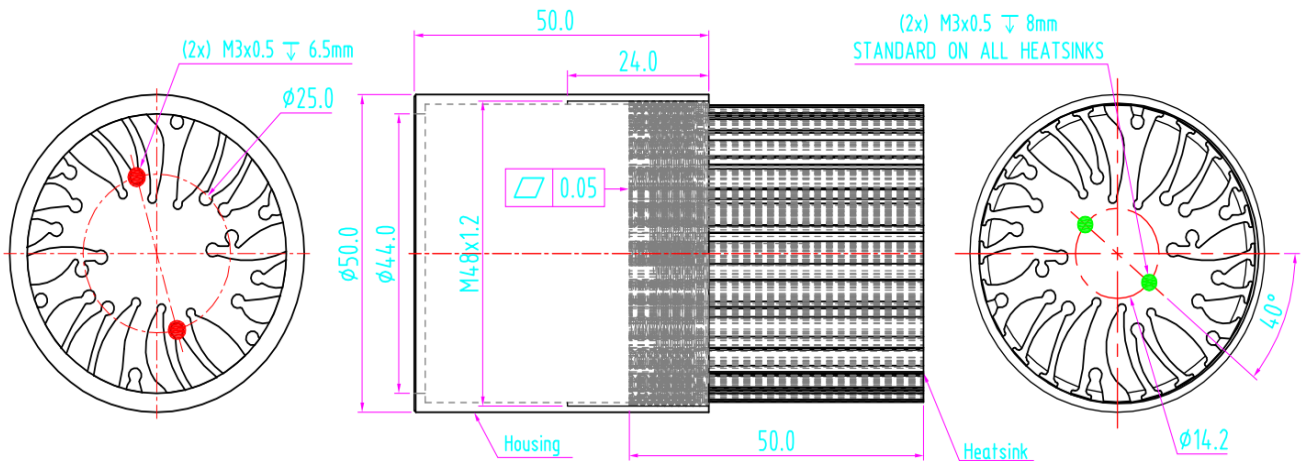
**Notes:**

- 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
N	/	None	None	None	None
1	NTCWS024B; NTCLS024B;	BJB (47.319.6180.50) A.A.G Stucchi (8300/G2)	M3	6.5mm	25.0mm/ @180°



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The thermal data table

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

