



for

LED



**BuLED**

**BuLED-30E-NIC LED light accessory to replace MR16 fitting for Nichia modulars**

**Features VS Benefits**

- \* BuLED-30E 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 400 to 1200 lumen.
- \* Thermal resistance range Rth 4.2°C/W.
- \* Heatsink Diameter 48mm - Standard height 30mm , 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.

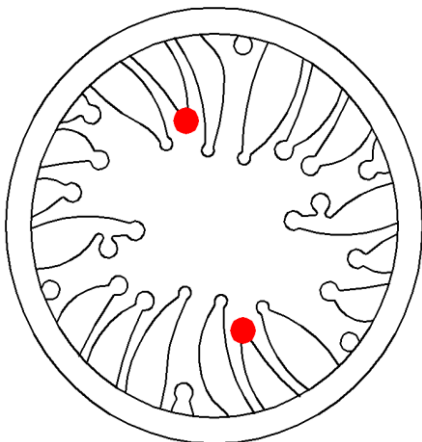


**Zhaga LED engine and radiator assembly is a unified future international standardization**

- \* Below you find an overview of Nichia LED modules which standard fit on the BuLED-30E 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.



A.A.G. STUCCHI  
Ideas are made of light



**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



### Mounting Options and Drawings & Dimensions

Example: BuLED-30E-NIC-B-1

Example: BuLED-30E-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

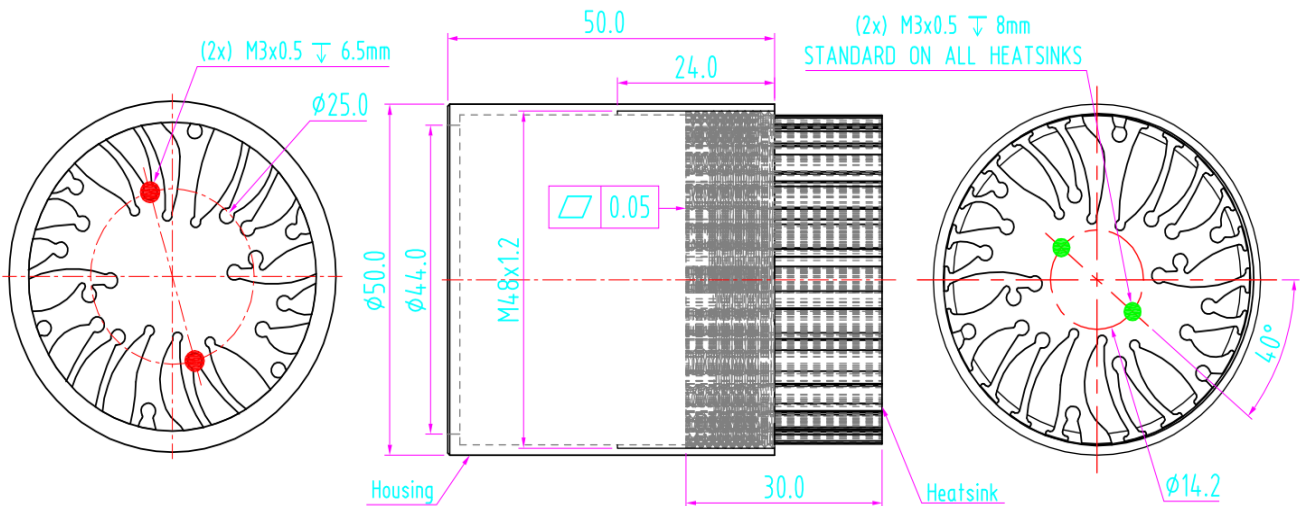
**Notes:**

- 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.



**STUCCHI**  
 ideas are made of light

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°



# Mingfa TECH *for* LED

**BuLED**

**BuLED-30E-NIC LED light accessory to replace MR16 fitting for Nichia modulars**

**The thermal data table**

	 <b>BuLED</b>
<b>Model No.</b>	<b>BuLED-30E-NIC</b>
<b>Heatsink Size</b>	<b>Φ48xH30mm</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>110.0</b>
<b>Thermal Wattage</b>	<b>12.0W</b>
<b>HeatsinkOs-a<sup>2</sup></b>	<b>22820</b>
<b>Thermal Resistance (°C/W)<sup>2</sup></b>	<b>4.2</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-30E-NIC	BuLED-30E-NIC
2.5		6.2	15.5
4.5		5.8	26.1
7.0		5.2	36.4
9.5		4.8	45.6
12.0		4.2	50.4

