



for

LED



**BuLED**

**BuLED-50E-EDI LED light accessory to replace MR16 fitting for Edison modulars**

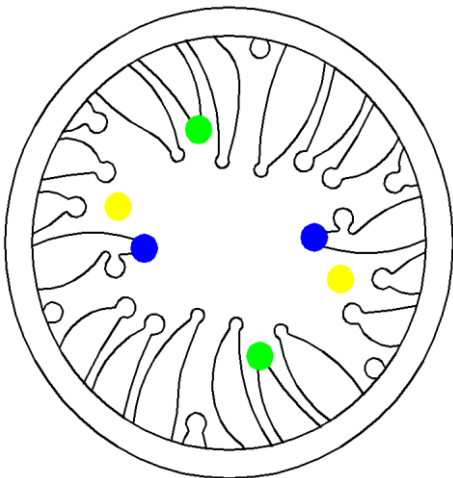
**Features VS Benefits**

- \* BuLED-50E LED light accessory includes one LED cooler and one LED housing to be assembled with Edison 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 Edison EdiLex II 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 Edison COB's and 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.



**Edison LED engines for which Zhaga book11 LED Modules holders are available.**

For the EdiLex II CAC Series LED engines.

- 2PCA04WW27P21001;
- 2PCA04NW27P21001;
- 2PCA04CW27P21001;

For the EdiLex II CAC Series LED engines. (BJB holder:47.319.6101.50);

- 2PCA07WW27P22001;
- 2PCA07NW27P22001;
- 2PCA07CW27P22001;

For the EdiLex II HM Series LED engines.

(AAG.STUCCHI holder:8100-G2); (BJB holder:47.319.6060.50);

- 2PHM05WW27P12001;
- 2PHM05NW27P12001;
- 2PHM05CW27P12001;
- 2PHM09WW27P12001;
- 2PHM09NW27P12001;
- 2PHM09CW27P12001;

For the EdiLex II HM CRI90 Series LED engines.

(AAG.STUCCHI holder:8100-G2); (BJB holder:47.319.6060.50);

- 2PHM05WW38P12001;
- 2PHM05NW38P12001;
- 2PHM05CW38P12001;
- 2PHM09WW38P12001;
- 2PHM09NW38P12001;
- 2PHM09CW38P12001;

For the EdiLex II HM Series (PAR) LED engines.

(AAG.STUCCHI holder:8100-G2); (BJB holder:47.319.6060.50);

- 2PHM13WW27P12001;
- 2PHM13NW27P12001;
- 2PHM13CW27P12001;

Zhaga Book11 green indicator marks:

Direct mounting with machine screws M3x6.5mm;



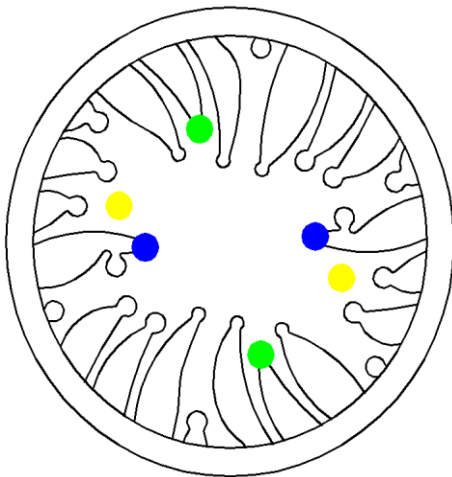
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For the EdiLex II MV Series LED engines.  
(AAG.STUCCHI holder:8100-G2); (BJB holder:47.319.6060.50);

- 2PMV13WW27P12001;
- 2PMV13NW27P12001;
- 2PMV13CW27P12001;
- 2PMV13WW27P12002;
- 2PMV13NW27P12002;
- 2PMV13CW27P12002;

Zhaga Book11 green indicator marks:

Direct mounting with machine screws M3x6.5mm;

**Edison LED engines directly Mounting Options**

For the EdiLex II SD Series LED engines.

- 2PSD15WW01P02001;
- 2PSD15NW05P02001;
- 2PSD15CW06P02001;

For the EdiLex II LC Series LED engines.

- 2PLC15WW05P02001;
- 2PLC15NW05P02001;
- 2PLC15CW06P02001;

For the EdiLex II HV Series LED engines.

- 2PHV09WW05P02001;
- 2PHV09NW05P02001;
- 2PHV09CW06P02001;
- 2PHV13WW05P02001;
- 2PHV13NW05P02001;
- 2PHV13CW06P02001;

Direct mounting with machine screws M3x6.5mm;

Yellow indicator marks.

For the EdiLex II Star CRI90 Series LED engines.

- 2PHV06WW38P05001;
- 2PHV06NW38P05001;
- 2PHV06CW38P05001;
- 2PHV10WW38P05001;
- 2PHV10NW38P05001;
- 2PHV10CW38P05001;

For the EdiLex II Star Series LED engines.

- 2PHV06WW27P05001;
- 2PHV06NW27P05001;
- 2PHV06CW27P05001;
- 2PHV10WW27P05001;
- 2PHV10NW27P05001;
- 2PHV10CW27P05001;

For the EdiLex II CM Series LED engines.

- 2PCM09WW11P26001;
- 2PCM09NW11P26001;
- 2PCM09CW11P26001;

Direct mounting with machine screws M3x6.5mm;

Blue indicator marks.

Please refer to the "<http://www.edison-opto.com>" data provided on the manual.

## BuLED

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### Mounting Options and Drawings & Dimensions

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

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

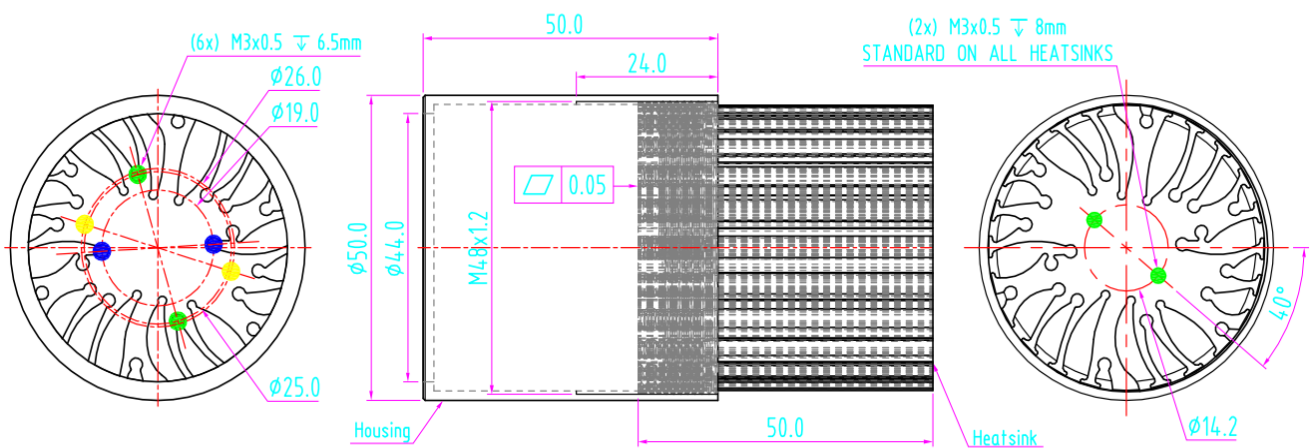
- 1** Anodising Color  
 B-Black  
 C-Clear  
 Z-Custom

- 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	EdiLex II CM EdiLex II Star	/	M3	6.5mm	19.0mm/ 2-@180°
2	EdiLex II HM EdiLex II MV	AAG.STUCCHI (8100-G2) BJB (47.319.6060.50)	M3	6.5mm	25.0mm/ 2-@180°
	EdiLex II CAC	Ideal 50-2000CR BJB (47.319.6120.50)			
3	EdiLex II SD EdiLex II HV	/	M3	6.5mm	26.0mm/ 2-@180°



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### The thermal data table

	 <b>BuLED</b>
<b>Model No.</b>	<b>BuLED-50E-EDI</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-EDI	BuLED-50E-EDI
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

