



for

LED



**BuLED**

**BuLED-50F-BRI LED light accessory to replace MR16 fitting for Bridgelux modulares**

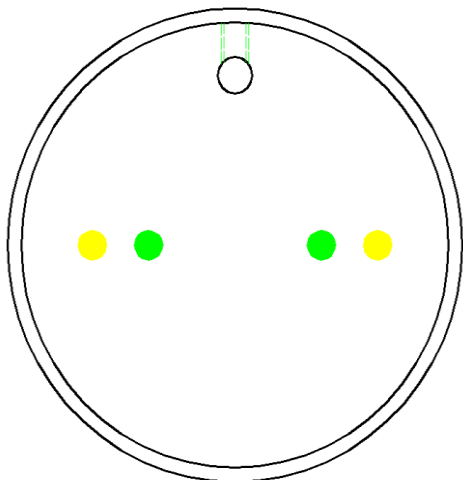
**Features VS Benefits**

- \* BuLED-50F LED light accessory includes one LED cooler and one LED housing to be assembled with Bridgelux 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 Bridgelux ES Star, Vero 10 and Vero 13 Array LED engines.
- \* Forged from highly conductive aluminum.



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

- \* Below you find an overview of Bridgelux COB's and 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.



**Bridgelux LED Modules directly Mounting Options**

ES Star Array Series LED engines names.

- |                    |                    |
|--------------------|--------------------|
| BXRA-27E0540-A-03; | BXRA-30G0740-A-03; |
| BXRA-27G0540-A-03; | BXRA-40E0600-A-03; |
| BXRA-27E0740-A-03; | BXRA-40E0810-A-03; |
| BXRA-27G0740-A-03; | BXRA-50C1000-A-03; |
| BXRA-30E0540-A-03; | BXRA-56C0700-A-03; |
| BXRA-30G0540-A-03; | BXRA-56C1000-A-03; |
| BXRA-30E0740-A-03; |                    |

With the BJB holder: 47.313.1001.80  
 Mounting with machine screws M3x6.5mm;  
 Green indicator marks.

Vero 10 Array Series LED engines

- BXRC-27xxxx-B-xx ;
- BXRC-30xxxx-B-xx ;
- BXRC-35xxxx-B-xx ;
- BXRC-40xxxx-B-xx ;
- BXRC-50xxxx-B-xx ;

Direct mounting with machine screws M3x6.5mm;  
 Green indicator marks.

Vero 13 Array Series LED engines

- BXRC-27xxxx-C-xx ;
- BXRC-30xxxx-C-xx ;
- BXRC-35xxxx-C-xx ;
- BXRC-40xxxx-C-xx ;
- BXRC-50xxxx-C-xx ;

Direct mounting with machine screws M3x6.5mm;  
 Yellow indicator marks.





# Mingfa TECH for LED

**BuLED**

**BuLED-50F-BRI LED light accessory to replace MR16 fitting for Bridgelux modulars**

## Mounting Options and Drawings & Dimensions

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

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

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

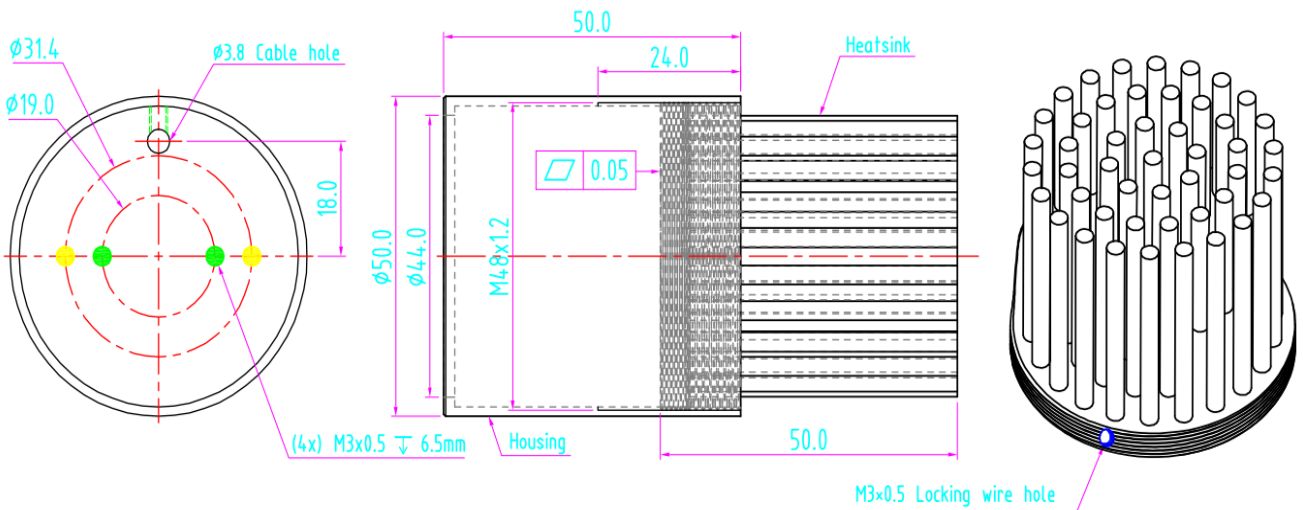
- 2** Mounting Options - see graphics for details Combinations available
  - Ex.order code - 12
  - means option 1 and 2 combined



**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	Vero-10 ES-Star Array	/	M3	6.5mm	19.0mm/ 2-@180°
2	Vero-13	/	M3	6.5mm	31.4mm/ 2-@180°



**BuLED**

**BuLED-50F-BRI LED light accessory to replace MR16 fitting for Bridgelux modulars**

**The thermal data table**

	 <b>BuLED</b>
<b>Model No.</b>	<b>BuLED-50F-BRI</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>HeatsinkOs-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-BRI	BuLED-50F-BRI
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

