



for

LED



**BuLED**

**BuLED-50F-TRI LED light accessory to replace MR16 fitting for Tridonic modulars**

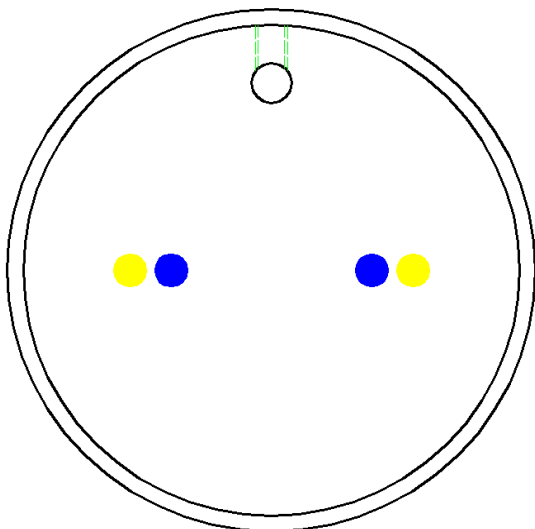
**Features VS Benefits**

- \* BuLED-50F LED light accessory includes one LED cooler and one LED housing to be assembled with Tridonic 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 Tridonic TALEX module SLE modules.
- \* Forged from highly conductive aluminum.



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

- \* Below you find an overview of Tridonic 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.



Tridonic LED engines for which Zhaga book11 LED Modules holders are available.

Tridonic LED Modules directly Mounting Options

For the Stark SLE GEN4 ADVANCE,EXCITE model.  
SLE-G4-15mm-2000lm-xxx;

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

For the Stark SLE GEN3 Mini SELECT,Mini CLASSIC,ART model.  
STARK-SLE-PURE-G3-10-xxx;

For the SLE G4 10mm R SNC model.  
SLE G4 10mm-xxx;

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



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### Mounting Options and Drawings & Dimensions

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

Example: BuLED-50F-TRI-1 - 2

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

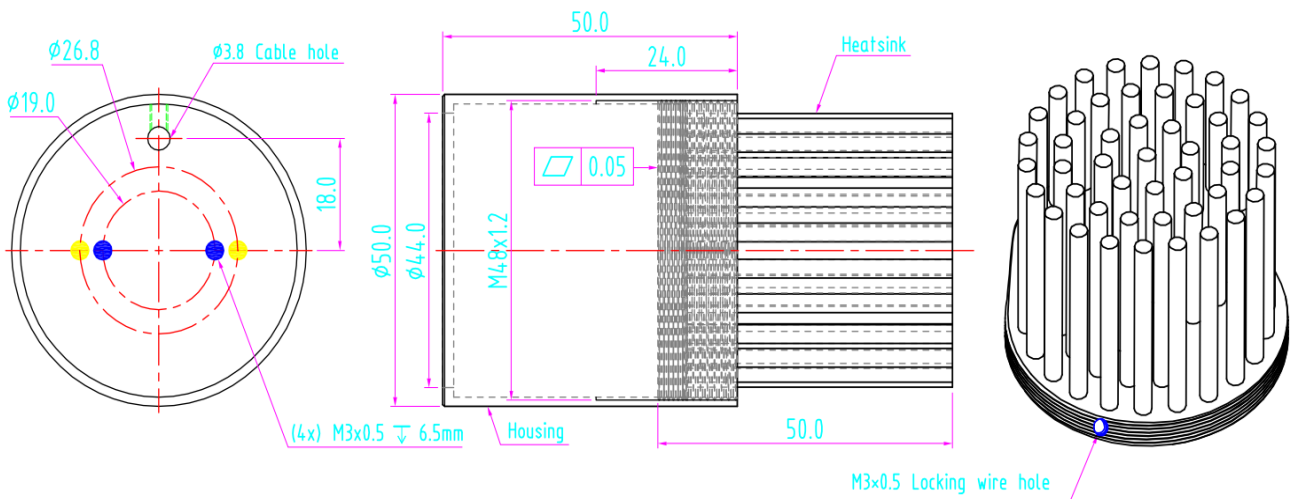
- 2** Mounting Options - see graphics for details Combinations available  
 Ex.order code - 12  
 means option 1 and 2 combined



#### 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	STARK-SLE-PURE-G3-10-xxx; SLE G4 10mm-xxx;	/	M3	6.5mm	19.0mm/ @180°
2	SLE-G4-15mm-2000lm-xxx;	/	M3	6.5mm	26.8mm/ @180°



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### The thermal data table

	 <b>BuLED</b>
<b>Model No.</b>	BuLED-50F-TRI
<b>Heatsink Size</b>	Φ48xH50mm
<b>Housing Size</b>	Φ50xH50mm
<b>Material (Heatsink + Housing)</b>	AL1070 + AL6063-T5
<b>Finish</b>	Black Anodized
<b>Weight(g)</b>	93.0
<b>Thermal Wattage</b>	15.0W
<b>HeatsinkOs-a<sup>2</sup></b>	23458
<b>Thermal Resistance</b>	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-50F-TRI	BuLED-50F-TRI
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

