



Mingfa TECH for LED

BuLED

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

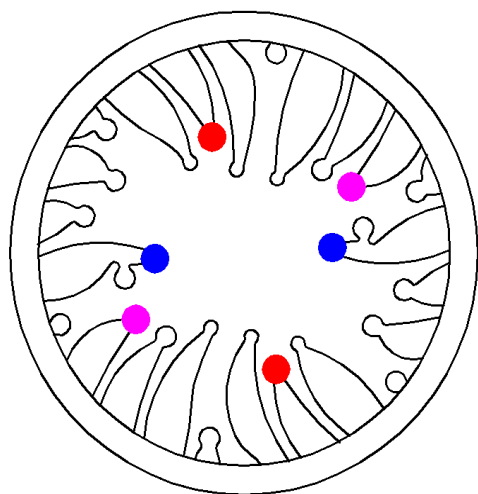
Features VS Benefits

- * BuLED-50E 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 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 Tridonic TALEXXmodule SLE modules.
- * Extruded 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-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.



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

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;

With Zhaga Book 11 LED holder

BJB holder: 47.319.6060.50;

A.A.G Stucchi holder: 8100/G2;

Zhaga Book11 red indicator marks:

Direct mounting with machine screws M3x6.5mm;

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;

Pink 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-50E-TRI-B-1,2

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

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

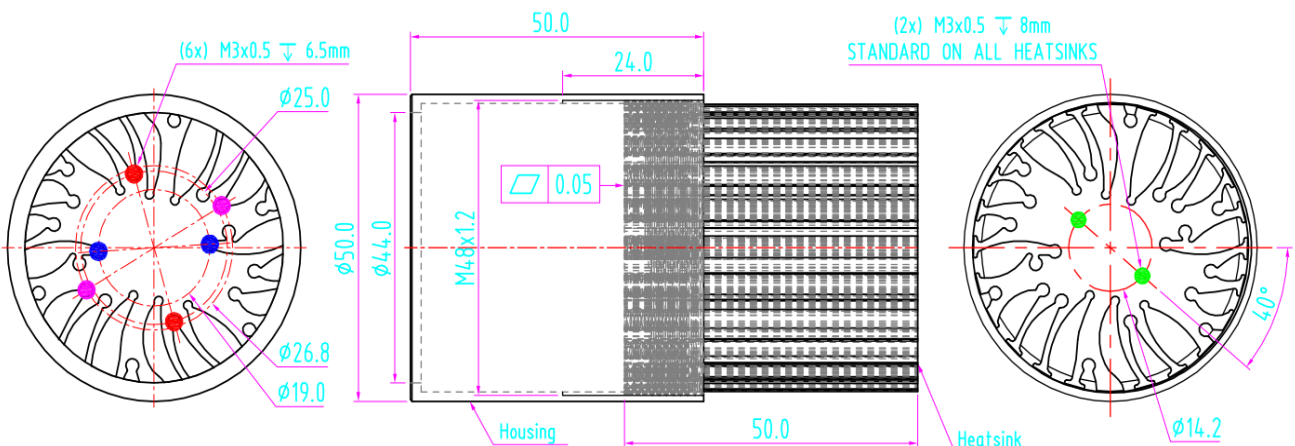
- 2** Mounting Options - see graphics for details Combinations available
 - Ex.order code - 12
 - means option 1 and 2 combined

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		/	M3	6.5mm	19.0mm/ @180°
2	STARK-SLE-PURE-G3-10-xxx; SLE G4 10mm-xxx;	BJB (47.319.6060.50)	M3	6.5mm	25.0mm/ @180°
		A.A.G Stucchi (8100/G2)			
3	SLE-G4-15mm-2000lm-xxx;	/	M3	6.5mm	26.8mm/ @180°



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The thermal data table

	 BuLED
Model No.	BuLED-50E-TRI
Heatsink Size	Φ48xH50mm
Housing Size	Φ50xH50mm
Material	AL6063-T5
Finish	Black Anodized
Weight(g)	160.0
Thermal Wattage	15.0W
HeatsinkOs-a²	36868
Thermal Resistance (°C/W)²	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-50E-TRI	BuLED-50E-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

