



for

LED



BuLED

BuLED-30F-LUME LED light accessory to replace MR16 fitting for Lumens modulars

Features VS Benefits

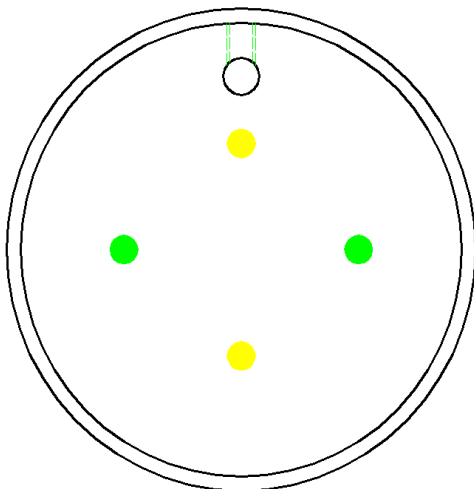
- * BuLED-30F LED light accessory includes one LED cooler and one LED housing to be assembled with Lumens modules to replace MR16.
- * Mechanical compatibility with direct mounting of the LED engines to the LED cooler and thermal performance matching the lumen packages.
- * For spotlight and downlight 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 Lumens ERC1507 and ERC1512 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 Lumens LED modules which standard fit on the BuLED-30F 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.

LUMENS



Lumens LED engines for which Zhaga LED Modules

For the ERC1507/1512 LED engines.

- | | |
|----------------|----------------|
| ERC1507S827HE; | ERC1512S827HE; |
| ERC1507S830HE; | ERC1512S830HE; |
| ERC1507S835HE; | ERC1512S835HE; |
| ERC1507S840HE; | ERC1512S840HE; |
| ERC1507S850HE; | ERC1512S850HE; |
| ERC1507S927HE; | ERC1512S927HE; |
| ERC1507S930HE; | ERC1512S930HE; |
| ERC1507S935HE; | ERC1512S935HE; |

Mounting with machine screws M3x8mm;
 NO.1:With Zhaga Book 11 LED holder for green indicator marks.
 (BJB holder:47.319.6101.50);
 (AAG.STUCCHI 8400-G2);

NO.2:Without the LED holder for yellow indicator marks.

Please refer to the www.lumensleds.com data provided on the manual.





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Mounting Options and Drawings & Dimensions

Example: BuLED-30F-LUME-B-1,2

Example: BuLED-30F-LUME-**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

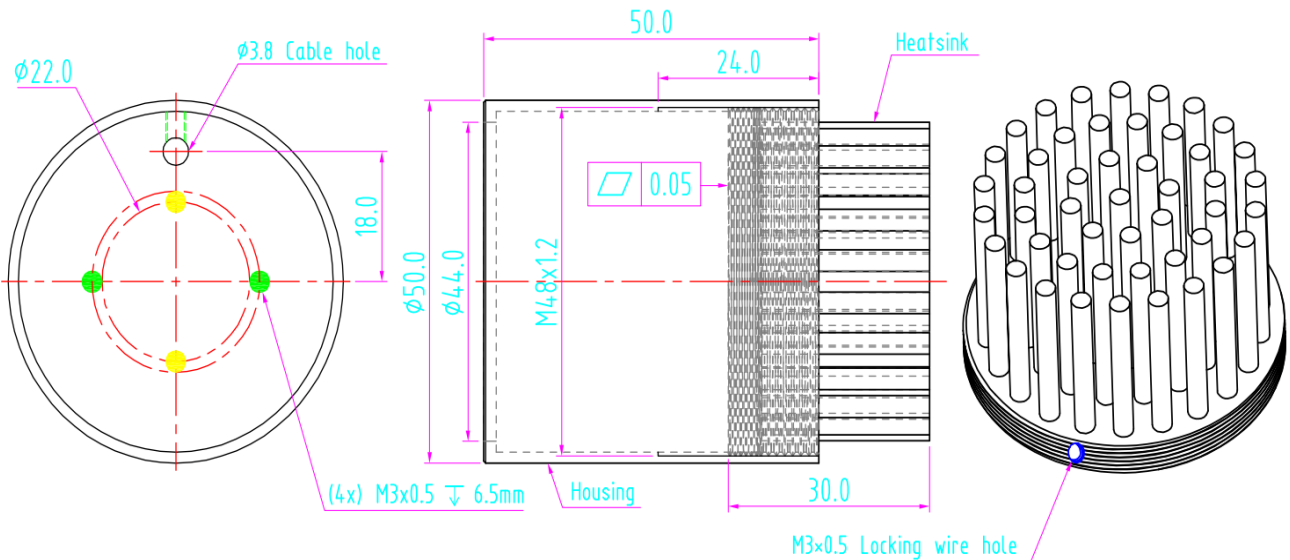
Notes:

- 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.

LUMENS



MOUNTING OPTION	Module type	Holder NO.	THREA D	THREAD DEPTH	THREAD HOLE DISTANCE
1		/	M3	6.5mm	22.0mm/ 2-@180°
2	ERC1507 ERC1512	AAG.STUCCHI 8400-G2	M3	6.5mm	25.0mm/ 2-@180°
		BJB 47.313.6101.50			




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The thermal data table

	 <i>BuLED</i>
Model No.	BuLED-30F-LUME
Heatsink Size	Φ48xH30mm
Housing Size	Φ50xH50mm
Material (Heatsink + Housing)	AL1070 + AL6063-T5
Finish	Black Anodized
Weight(g)	75.0
Thermal Wattage	12.0W
HeatsinkΘ_{s-a^2}	14976
Thermal Resistance	4.2

Dissipated Power Pd(W)	Heat sink to ambient thermal resistance Rhs-amb (°C/W)		Heat sink to ambient temperature rise Ths-amb (°C)	
	Pd = Pe x (1-ηL)		BuLED-30F-LUME	BuLED-30F-LUME
2.5	6.80	17.00		
4.5	6.50	29.00		
7.0	5.70	40.00		
9.5	5.10	48.00		
12.0	4.20	50.50		

