

BuLED

BuLED-30F-LUN LED light accessory to replace MR16 fitting for Luminus modulars

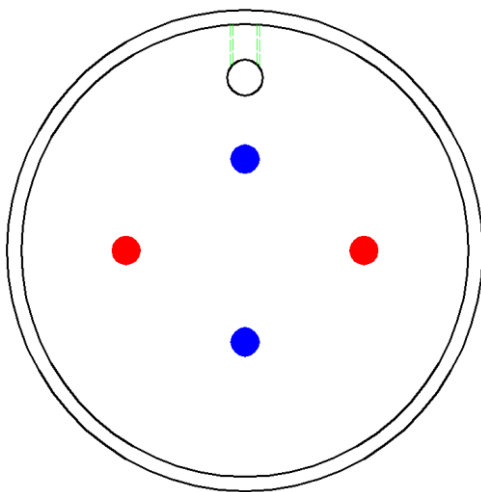
Features VS Benefits

- * BuLED-30F LED light accessory includes one LED cooler and one LED housing to be assembled with Luminus 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 Luminus COB 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 Luminus 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.



Luminus LED engines Mounting Options

CLM-9 COB Arrays LED Modules names:

- CLM-9-27-XX-36-AC00-XX-X;
- CLM-9-30-XX-36-AC00-XX-X;
- CLM-9-35-XX-36-AC00-XX-X;
- CLM-9-40-XX-36-AC00-XX-X;
- CLM-9-50-XX-36-AC00-XX-X;

CXM-9 COB Arrays LED Modules names:

- CXM-9-27-XX-36-AC00-XX-X;
- CXM-9-30-XX-36-AC00-XX-X;
- CXM-9-35-XX-36-AC00-XX-X;
- CXM-9-40-XX-36-AC00-XX-X;
- CXM-9-50-XX-36-AC00-XX-X;

CHM-9 COB Arrays LED Modules names:

- CHM-9-27-XX-36-AC00-XX-X;
- CHM-9-30-XX-36-AC00-XX-X;
- CHM-9-35-XX-36-AC00-XX-X;
- CHM-9-40-XX-36-AC00-XX-X;
- CHM-9-50-XX-36-AC00-XX-X;
- CHM-9-65-XX-36-AC00-XX-X;

With Zhaga Book 11 for red indicator marks:

- BJB Holder:47.319.6060.50;
- AAG.STUCCHI holder:8100-G2;
- Direct mounting with machine screws M3x8mm;
- Without LED holders for blue indicator marks.
- Direct mounting with machine screws M3x8mm;

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Mounting Options and Drawings & Dimensions

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

Example: BuLED-30F-LUN-**1**-**2**

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

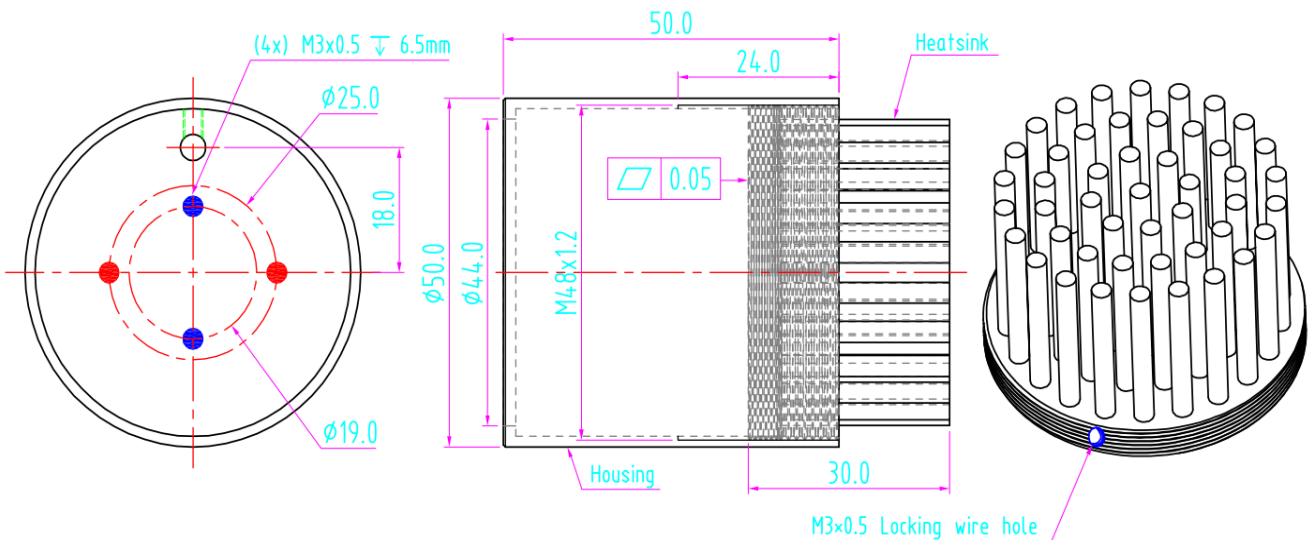
- 2** Mounting Options - see graphics for details Combinations available
 Ex.order code - 12
 means option 1 and 2 combined

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	8mm	19.0mm/ 2-@180°
2	CLM-9 CXM-9 CHM-9	AAG.STUCCHI 8100-G2	M3	8mm	25.0mm/ 2-@180°
		BJB			
		47.313.6060.50			




for

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The thermal data table

	 <i>BuLED</i>
Model No.	BuLED-30F-LUN
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-a²	14976
Thermal Resistance	4.2

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-30F-LUN	BuLED-30F-LUN
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

