



for

LED



BuLED

BuLED-30F-PRO LED light accessory to replace MR16 fitting for Prolight modulars

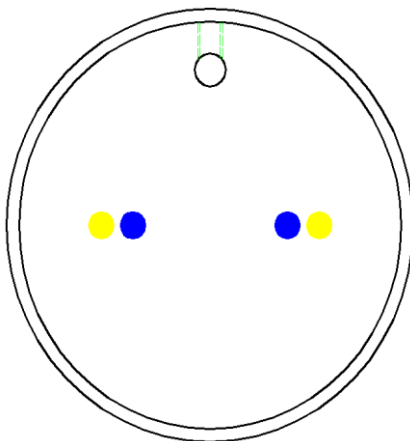
Features VS Benefits

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



Prolight LED engines Mounting Options

COB CI Series Modules names:

- PACB-5xxx-xxxx ;
- PACB-7xxx-xxxx ;
- PACB-9xxx-xxxx ;

Without LED holders for blue indicator marks.
Direct mounting with machine screws M3x6.5mm;

COB BI Series Modules names:

- PABA-15xxx-xxxx ;
- PABA-26xxx-xxxx ;
- PABA-35xxx-xxxx ;

Without LED holders for yellow indicator marks.
Direct mounting with machine screws M3x6.5mm;

COB BS Series Modules names:

- PABS-6xxx-xxxx ;
- PABS-9xxx-xxxx ;

For the blue indicator marks.
Direct mounting with machine screws M3x6.5mm;

Mounting Options and Drawings & Dimensions

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

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

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

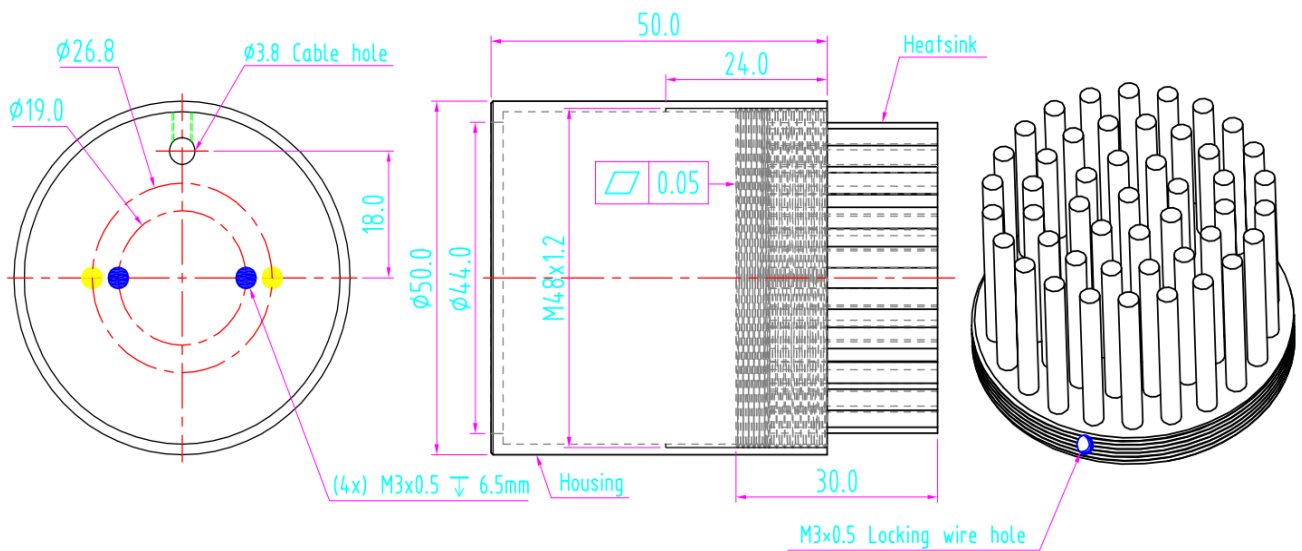
- 2** Mounting Options - see graphics for details Combinations available
Ex.order code - 12
means option 1 and 2 combined



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	COB CI Series COB BS Series	/	M3	6.5mm	19.0mm/ 2-@180°
2	COB BI Series	/	M3	6.5mm	26.8mm/ 2-@180°



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The thermal data table

	 BuLED
Model No.	BuLED-30F-PRO
Heatsink Size	Φ48xH30mm
Housing Size	Φ50xH50mm
Material (Heatsink + Housing)	AL1070 + AL6063-T5
Finish	Black Anodized
Weight(g)	75.0
Thermal Wattage	12.0W
HeatsinkOs-a²	14976
Thermal Resistance	4.2

	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-PRO	BuLED-30F-PRO
Dissipated Power Pq(W)	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

