



for

LED



**BuLED**

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

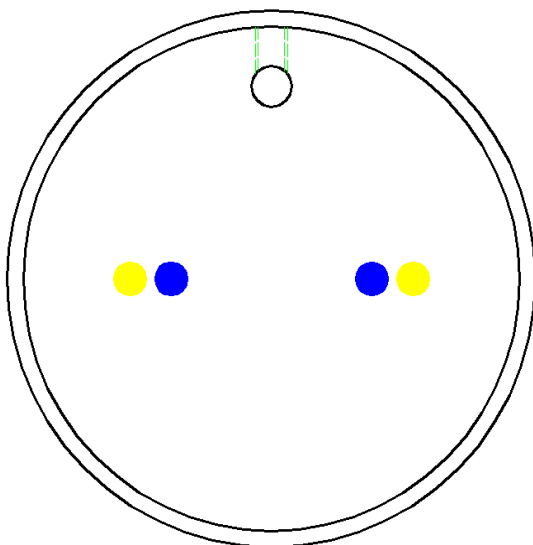
**Features VS Benefits**

- \* 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;

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### 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

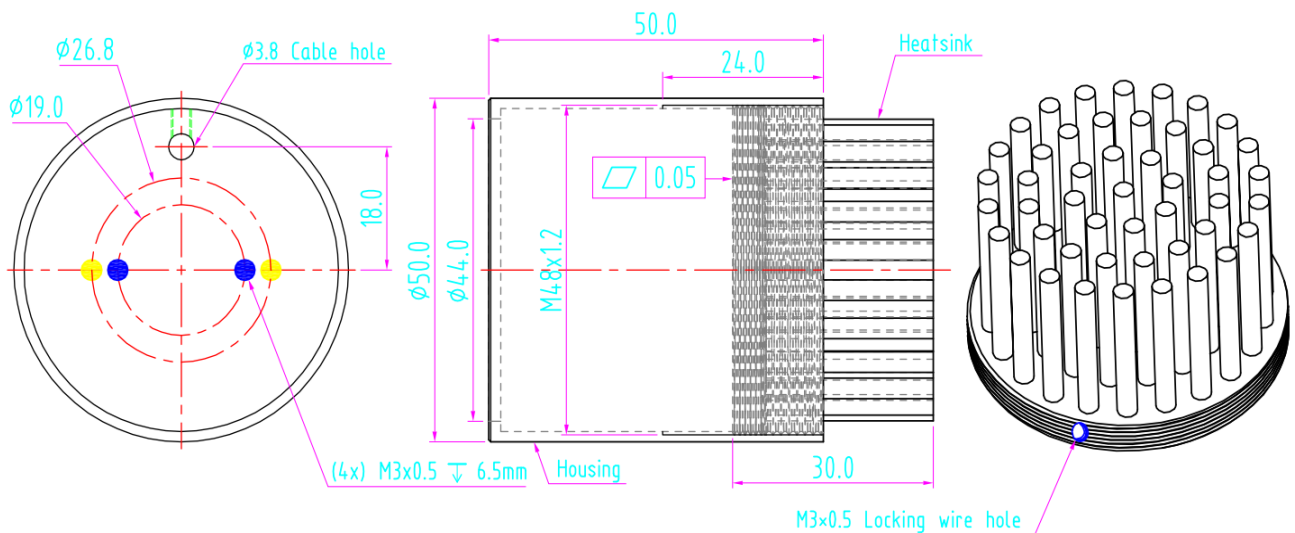
means option 1 and 2 combined

**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

	 <b>BuLED</b>
<b>Model No.</b>	BuLED-30F-PRO
<b>Heatsink Size</b>	Φ48xH30mm
<b>Housing Size</b>	Φ50xH50mm
<b>Material (Heatsink + Housing)</b>	AL1070 + AL6063-T5
<b>Finish</b>	Black Anodized
<b>Weight(g)</b>	75.0
<b>Thermal Wattage</b>	12.0W
<b>HeatsinkQs-a<sup>2</sup></b>	14976
<b>Thermal Resistance</b>	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-PRO	BuLED-30F-PRO
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

