



for

LED



**BuLED**

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

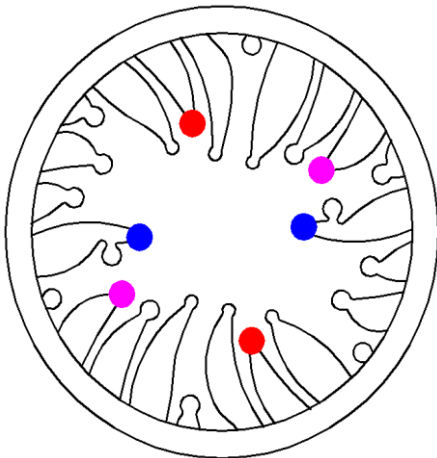
**Features VS Benefits**

- \* BuLED-30E 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.
- \* Extruded 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-30E 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 ;

With Zhaga Book 11 for red indicator marks:  
 BJB Holder:47.319.6060.50;  
 Direct mounting with machine screws M3x6.5mm;  
 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 pink 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-30E-PRO-B-1,2

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

**1** Anodising Color

B-Black

C-Clear

Z-Custom

**2** Mounting Options - see graphics for details Combinations available

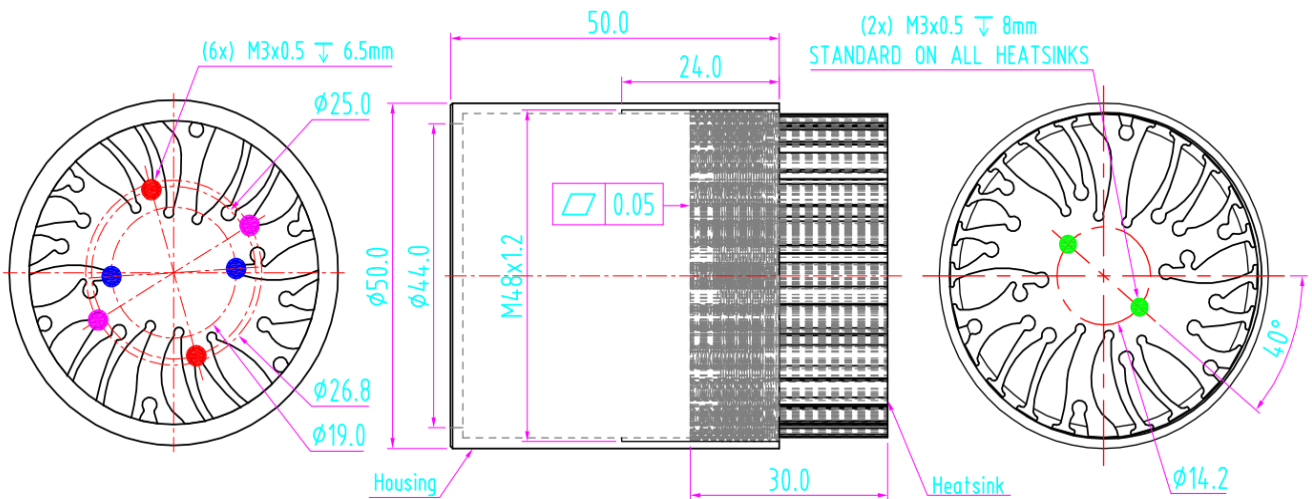
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means option 1 and 2 combined

**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 CI Series	BJB 47.319.6060.50;	M3	6.5mm	25.0mm/ 2-@180°
3	COB BI Series	/	M3	6.5mm	26.8mm/ 2-@180°



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**The thermal data table**

	
	<i>BuLED</i>
<b>Model No.</b>	<b>BuLED-30E-PRO</b>
<b>Heatsink Size</b>	<b>Φ48xH30mm</b>
<b>Housing Size</b>	<b>Φ50xH50mm</b>
<b>Material</b>	<b>AL6063-T5</b>
<b>Finish</b>	<b>Black Anodized</b>
<b>Weight(g)</b>	<b>110.0</b>
<b>Thermal Wattage</b>	<b>12.0W</b>
<b>HeatsinkOs-a<sup>2</sup></b>	<b>22820</b>
<b>Thermal Resistance (°C/W)<sup>2</sup></b>	<b>4.2</b>

	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-30E-PRO	BuLED-30E-PRO
Dissipated Power Pd(W)	2.5	6.2	15.5
	4.5	5.8	26.1
	7.0	5.2	36.4
	9.5	4.8	45.6
	12.0	4.2	50.4

