



for

LED



BuLED

BuLED-30E-SAM LED light accessory to replace MR16 fitting for Samsung modulars

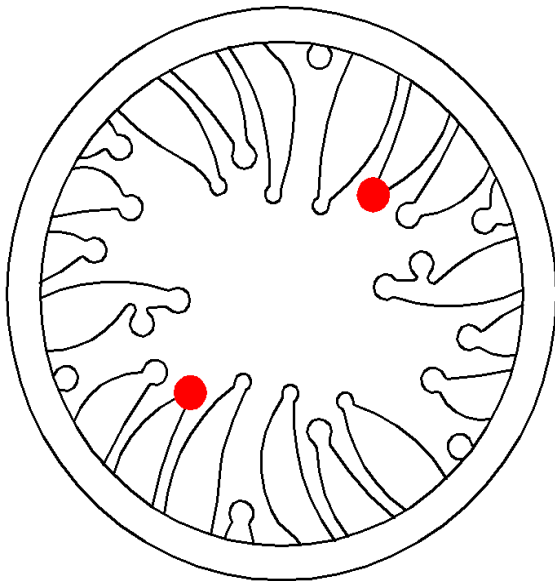
Features VS Benefits

- * BuLED-30E LED light accessory includes one LED cooler and one LED housing to be assembled with Samsung 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 samsung COB 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 Samsung COB's and 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.



Samsung LED Modules Mounting indicator marks overview

For the LC013 B LED engines.

- SPHWW1HDNA27YHW31F;
- SPHWW1HDNA27YHV31F;
- SPHWW1HDNA27YHU31F;
- SPHWW1HDNA27YHT31F;
- SPHWW1HDNA25YHW31F;
- SPHWW1HDNA25YHV31F;
- SPHWW1HDNA25YHU31F;
- SPHWW1HDNA25YHT31F;
- SPHCW1HDNA25YHRT1F;

**Direct mounting with machine screws M3x6.5mm;
Red indicator marks.**

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Mounting Options and Drawings & Dimensions

Example: BuLED-30E-SAM-B-1

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

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

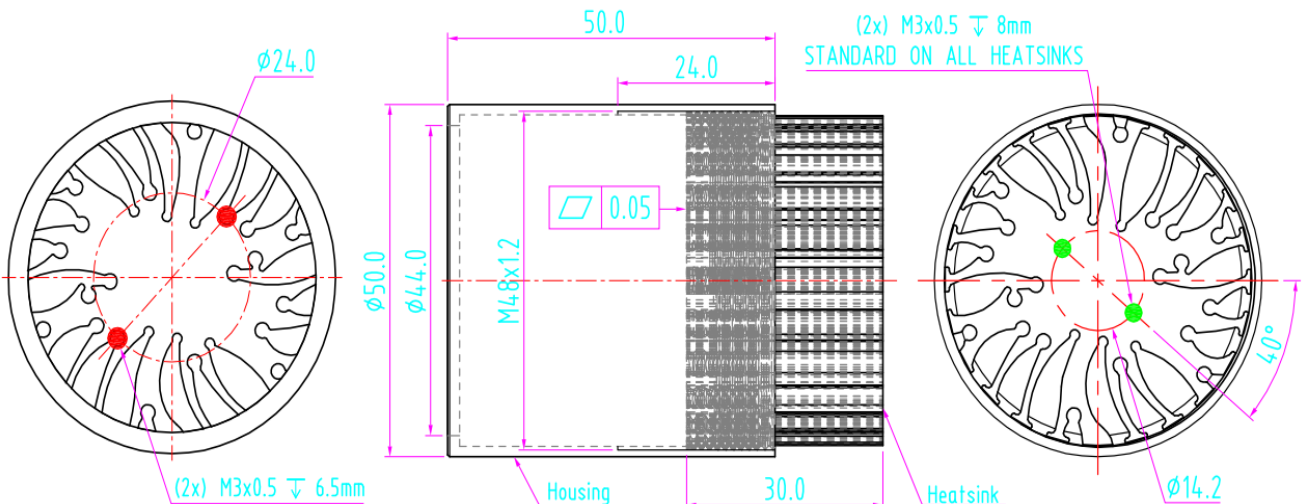
- 2** Mounting Options - see graphics for details Combinations available
 Ex.order code - 12
 means option 1 and 2 combined



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	LC013	/	M3	6.5mm	24.0mm/ 2-@180°



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The thermal data table

	 BuLED
Model No.	BuLED-30E-SAM
Heatsink Size	Φ48xH30mm
Housing Size	Φ50xH50mm
Material	AL6063-T5
Finish	Black Anodized
Weight(g)	110.0
Thermal Wattage	12.0W
HeatsinkOs-a²	22820
Thermal Resistance (°C/W)²	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-30E-SAM	BuLED-30E-SAM
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

