



for

LED



BuLED

BuLED-30E-LG LED light accessory to replace MR16 fitting for LG Innotek modulars

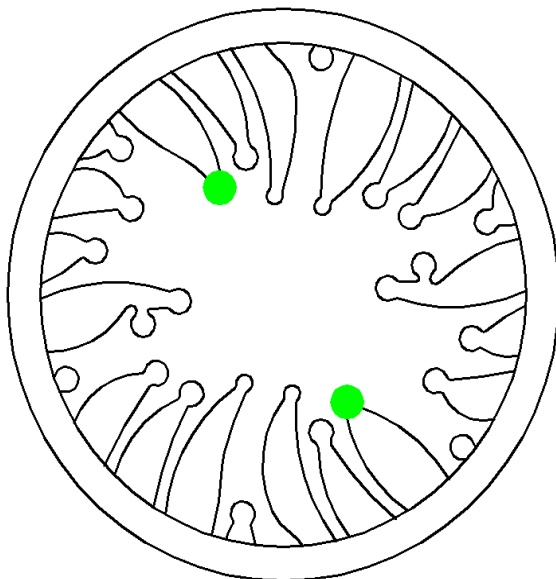
Features VS Benefits

- * BuLED-30E LED light accessory includes one LED cooler and one LED housing to be assembled with LG Innotek 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 LG Innotek COB 10W/13W 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 LG Innotek 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.



LG Innotek LED engines Mounting Options

10W COB:

- LEMWM18580Gxxxx;
- LEMWM18580HGxxxx;
- LEMWM18580JGxxxx;
- LEMWM18580LGxxxx;
- LEMWM18580MGxxxx;

Green indicator marks.
Direct mounting with machine screws M2x6.5mm;

13W COB:

- LEMWM18680HGxxxx;
- LEMWM18680JGxxxx;
- LEMWM18680LGxxxx;
- LEMWM18680MGxxxx;

Green indicator marks.
Direct mounting with machine screws M2x6.5mm;

Mounting Options and Drawings & Dimensions

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

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

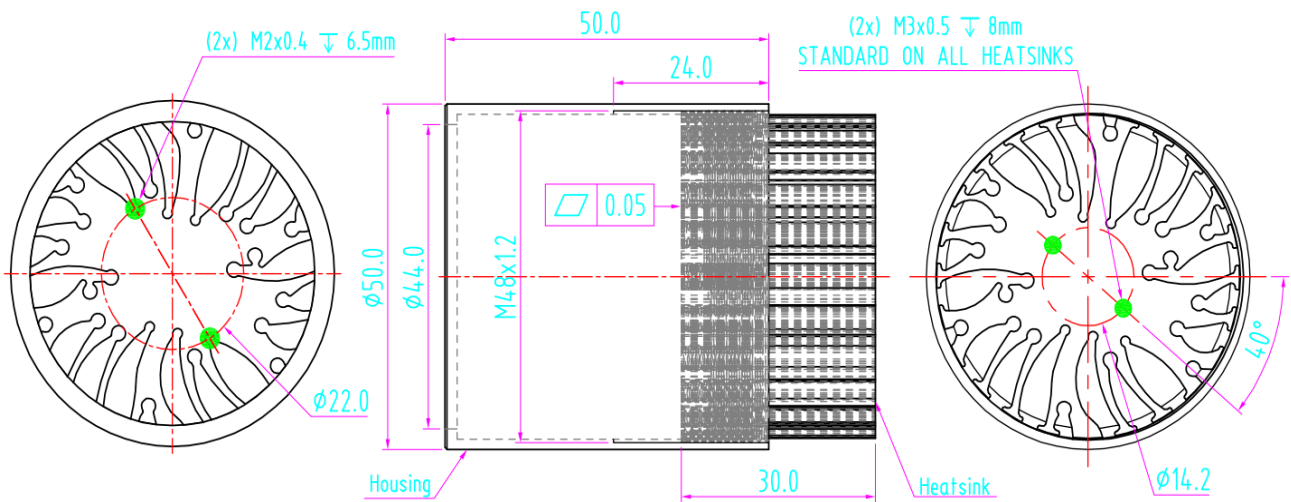
- 1** Anodising Color
 - B-Black
 - C-Clear
 - Z-Custom

- 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.	THREA D	THREAD DEPTH	THREAD HOLE DISTANCE
1	COB 10W/13W	/	M2	6.5mm	22.0mm/ @180°



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The thermal data table

	 <i>BuLED</i>
Model No.	BuLED-30E-LG
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)	Heat sink to ambient thermal resistance Rhs-amb (°C/W)		Heat sink to ambient temperature rise Ths-amb (°C)	
	Pd = Pe x (1-ηL)	BuLED-30E-LG	BuLED-30E-LG	BuLED-30E-LG
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

