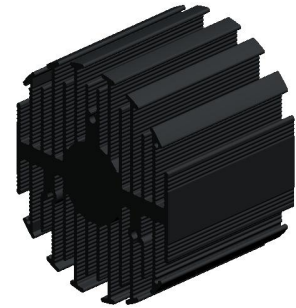


eLED

eLED-LG-7050 LG Innotek Modular Passive Star LED Heat Sink Φ 70mm

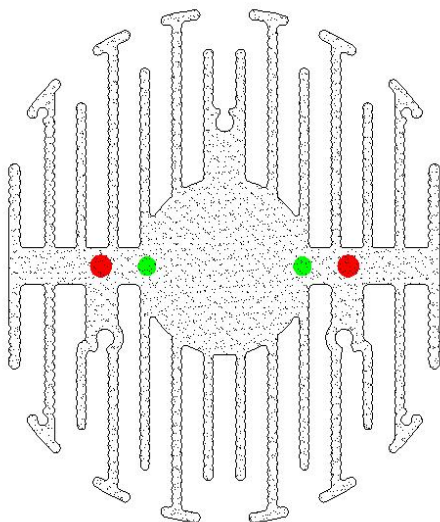
Features VS Benefits

- * The eLED-LG-7050 Innotek Modular Passive LED Coolers are specifically designed for luminaires using the LG Innotek LED engines.
- * 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 1000 to 2600 lumen.
- * Thermal resistance range R_{th} 2.18°C/W.
- * Modular design with mounting holes foreseen for direct mounting of LG Innotek COB 10W/13W/17W LED engines.
- * Diameter 70mm - standard height 50mm Other heights on request.
- * 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 engines COB's and LED modules which standard fit on the eLED coolers.
- * In this way mechanical after work and related costs can be avoided, and lighting designers can standardize their designs on a limited number of LED coolers.



LG Innotek LED engines directly Mounting Options

LEMWM 10W COB Modules:

LEMWM18580GGxxxx;
LEMWM18580HGxxxx;
LEMWM18580JGxxxx;
LEMWM18580LGxxxx;
LEMWM18580MGxxxx;

LEMWM 13W COB Modules:

LEMWM18680HGxxxx;
LEMWM18680JGxxxx;
LEMWM18680LGxxxx;
LEMWM18680MGxxxx;

LEMWM 17W COB Modules:

LEMWM18780GGxxxx;
LEMWM18780HGxxxx;
LEMWM18780JGxxxx;
LEMWM18780LGxxxx;
LEMWM18780MGxxxx;

Zhaga Book3 Red indicator marks:

AAG.STUCCHI holder:8600 ;
BJB holder:47.319.2080.50 ;
IDEAL holder:50-2100LG ;
Direct mounting with machine screws M3x6mm;

Green indicator marks.

Direct mounting with machine screws M2.5x6mm;

eLED

eLED-LG-7050 LG Innotek Modular Passive Star LED Heat Sink Φ 70mm

Mounting Options and Drawings & Dimensions

Example:eLED-LG-7050-B-1

Example:eLED-LG-7050-1-2-3

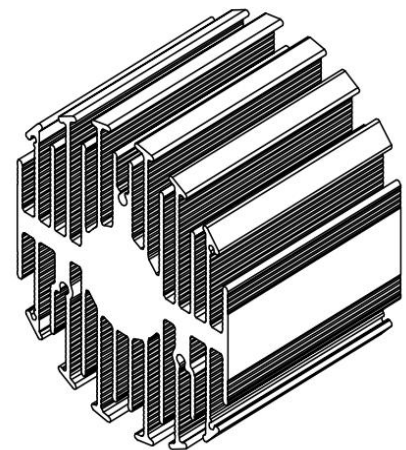
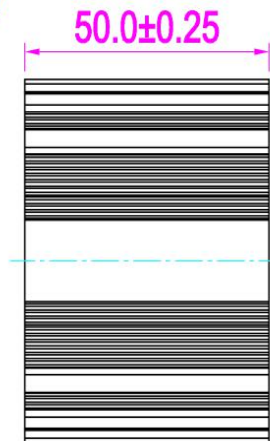
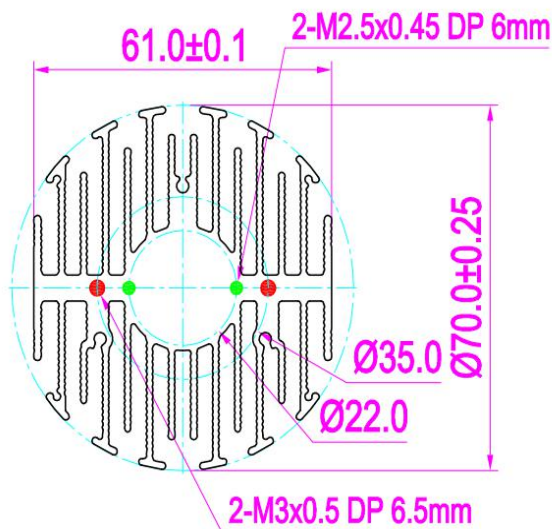
- 1 Height (mm)
- 2 Anodising Color
B-Black
C-Clear
Z-Custom
- 3 Mounting Options - see graphics for details Combinations available
Ex.order code - 12
means option 1 and 2 combined

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	LEMWM COB 10W/13W/17W	/	M2.5	5mm	22.0mm/ 2-@180°
2	LEMWM COB 10W/13W/17W	BJB:47.319.2028.50	M3	6.5mm	35.0mm/ 2-@180°
		AAG:STUCCHI 8600			
		IDEAL:50-2100LG			



for

LED

eLED

eLED-LG-7050 LG Innotek Modular Passive Star LED Heat Sink Φ 70mm

The thermal data table

	<p><i>eLED-7050</i></p>
Model No.	eLED-LG-7050
Size	Φ70xH50mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	206
Thermal Wattage	22.9W
HeatsinkΘs-a²	73369
Heat Sink T_{Rise Above Ambient}	2.18

Dissipated Power Pd(W)	Pd = Pe x (1- η L)	Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
		eLED-LG-7050	
5		3.40	17
10		2.80	28
15		2.70	37
20		2.25	45
25		2.16	54

