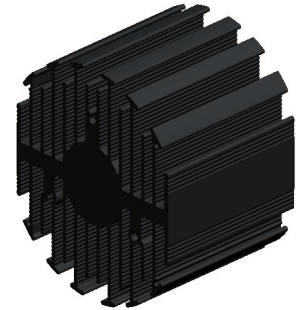


eLED

eLED-BRI-7050 Bridgelux Modular Passive Star LED Heat Sink Φ 70mm

Features VS Benefits

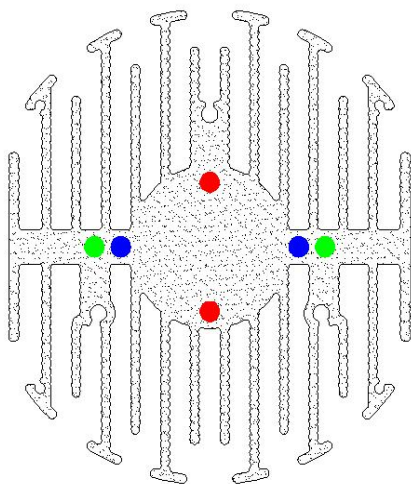
- * The eLED-BRI-7050 Bridgelux Modular Passive LED Coolers are specifically designed for luminaires using the Bridgelux LED engines.
- * Mechanical compatibility with direct mounting of the LED engines to the LED cooler and thermal performance matching the lumen packages.
- * For spotlight and downlight 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 Bridgelux ES Rectangle ES Star Array Series, Vero 13 and Vero18 COB engines.
- * Diameter 70mm - standard height 50mm Other heights on request.
- * Extruded from highly conductive aluminum.



Bridgelux LED engine and radiator assembly directly Mounting Options

- * Below you find an overview of Bridgelux COB's and LED modules which standard fit on the Cool-LED Simpo 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.

bridgelux



Bridgelux LED Modules directly Mounting Options

ES Rectangle Array Series LED engines

BXRA-27E0800-x-xx ;	BXRA-30E0800-x-xx ;
BXRA-27E1200-x-xx ;	BXRA-30E1200-x-xx ;
BXRA-27E2000-x-xx ;	BXRA-30E2000-x-xx ;
BXRA-27G0800-x-xx ;	BXRA-30G0800-x-xx ;
BXRA-27G1200-x-xx ;	BXRA-30G1200-x-xx ;
BXRA-27G2000-x-xx ;	BXRA-30G2000-x-xx ;
BXRA-35E0800-x-xx ;	BXRA-50C1100-x-xx ;
BXRA-35E1200-x-xx ;	BXRA-50C1600-x-xx ;
BXRA-35E2000-x-xx ;	BXRA-50C2600-x-xx ;
BXRA-40E0950-x-xx ;	BXRA-56C1100-x-xx ;
BXRA-40E1350-x-xx ;	BXRA-56C1600-x-xx ;
BXRA-40E2200-x-xx ;	BXRA-56C2600-x-xx ;

With the Zhaga book 3 holders, Gree indicator marks.

(BJB Holder: 47.319.2040.50)

Direct mounting with machine screw M3x8mm;

Blue indicator marks.

ES Star Array Series LED engines

BXRA-27E0540-A-03 ;
BXRA-27E0740-A-03 ;
BXRA-27G0540-A-03 ;
BXRA-27G0740-A-03 ;
BXRA-30E0540-A-03 ;
BXRA-30E0740-A-03 ;
BXRA-30G0540-A-03 ;
BXRA-30G0740-A-03 ;
BXRA-40E0600-A-03 ;
BXRA-40E0810-A-03 ;
BXRA-50C1000-A-03 ;
BXRA-56C0700-A-03 ;
BXRA-56C1000-A-03 ;

Direct mounting with machine screw M3x8mm;

Red indicator marks.

Tel: +86-769-39023131

E-fax: +86-(020)28819702 ext:22122

Email: sales@mingfatech.com

Http://www.heatsinkled.com

Http://www.mingfatech.com



for

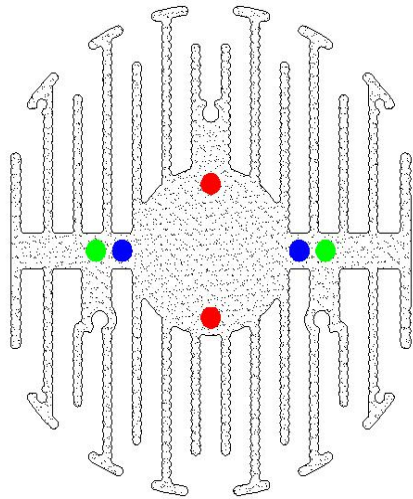
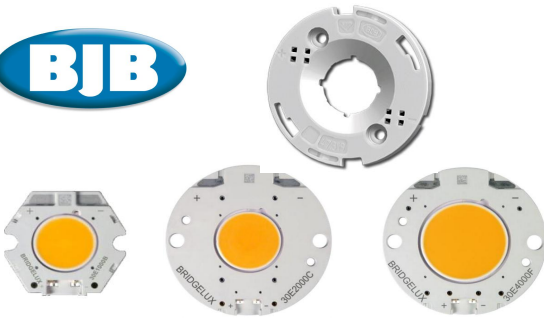
LED



eLED

eLED-BRI-7050 Bridgelux Modular Passive Star LED Heat Sink Φ 70mm

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Bridgelux LED Modules directly Mounting Options

Vero 10 Array Series LED engines

- BXRC-27E1000-B-xx;
- BXRC-27G1000-B-xx;
- BXRC-30E1000-B-xx;
- BXRC-30G1000-B-xx;
- BXRC-35E1000-B-xx;

- BXRC-40E1000-B-xx;
- BXRC-40G1000-B-xx;
- BXRC-50C1000-B-xx;
- BXRC-50E1000-B-xx;
- BXRC-50G1000-B-xx;

Direct mounting with machine screw M3x8mm;
Red indicator marks.

Vero 18 Array Series LED engines

- Vero 18 BXRC-27x4000
- Vero 18 BXRC-30x4000
- Vero 18 BXRC-35E4000
- Vero 18 BXRC-40E4000
- Vero 18 BXRC-50C4000

Direct mounting with machine screws M3 x 6mm
Green indicator marks

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eLED-BRI-7050 Bridgelux Modular Passive Star LED Heat Sink Φ 70mm

Mounting Options and Drawings & Dimensions

Example:eLED-BRI-7050-B-3

Example:eLED-BRI-70 **1** - **2** - **3**

1 Height (mm)

2 Anodising Color

B-Black

C-Clear

Z-Custom

3 Mounting options;

On request;

Mounting holes, cable holes;

Screw thread, thermal interface pad.



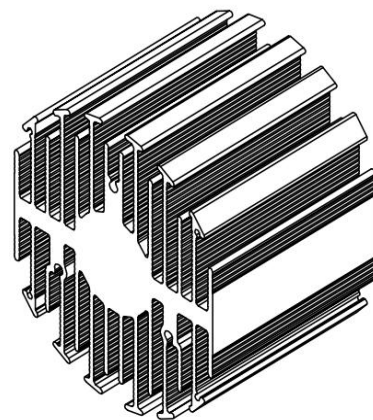
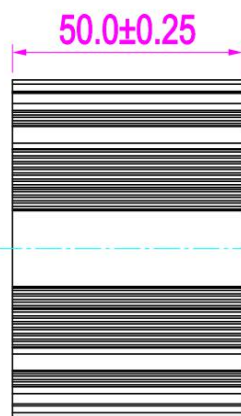
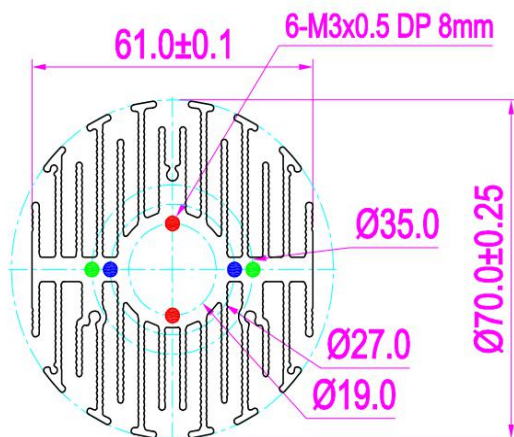
Notes:

- 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	ES-Star Array Vero-10;	/	M3	6.5mm	19.0mm/ 2-@180°
2	ES-Rectangle	/	M3	6.5mm	27.0mm/ 2-@180°
3	ES-Rectangle	BJB 47.313.2040.50	M3	6.5mm	35.0mm/ 2-@180°



for

LED

eLED

eLED-BRI-7050 Bridgelux Modular Passive Star LED Heat Sink Φ 70mm

The thermal data table

	 <i>eLED-7050</i>
Model No.	eLED-BRI-7050
Size	Φ 70xH50mm
Material	AL6063-T5
Finish	Black Anodized
Weight(g)	206
Thermal Wattage	22.9W
Heatsink Θs-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 ($^{\circ}$ C/W)	Heat sink to ambient temperature rise Ths-amb ($^{\circ}$ C)
		eLED-BRI-7050	
5		3.40	17
10		2.80	28
15		2.70	37
20		2.25	45
25		2.16	54

