



for

LED

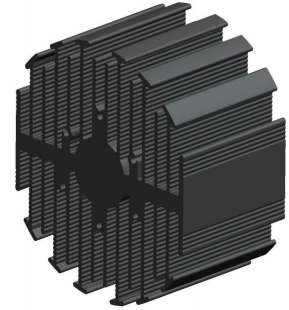


eLED

eLED-LUME-9550 Lumens Modular Passive Star LED Heat Sink Φ 95mm

Features VS Benefits

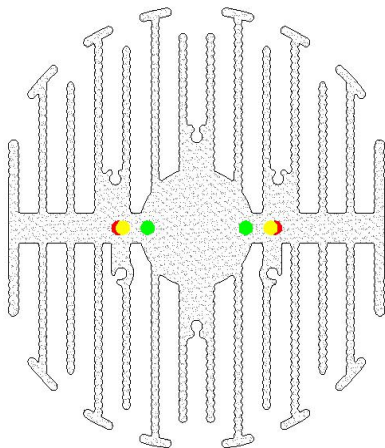
- * The eLED-LUME-9550 Lumens Modular Passive Star LED Heat Sinks are specifically designed for luminaires using the Lumens LED engines.
- * Mechanical compatibility with direct mounting of the LED engines to the LED cooler and thermal performance matching the lumen packages.
- * For spotlight and downlight designs from 1800 to 4500 lumen.
- * Thermal resistance range R_{th} 1.35°C/W.
- * Modular design with mounting holes foreseen for direct mounting of Lumens ERC1820, ERC2530, ERC2540, ERC3050 and AC-ALL series LED engines.
- * Diameter 95mm - 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 Lumens COB's and LED modules which standard fit on the eLED Star LED Heat Sinks.
- * 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.

LUMENS



Lumens LED engines for which Zhaga LED Modules holders are available.

For the ERC2530/2540 LED engines.

ERC2530S8xxHE;	ERC2540S8xxHE;
ERC2530S9xxHE;	ERC2540S9xxHE;

Mounting with machine screws M3x8mm;
 NO.1: With Zhaga Book 3 LED holder for red indicator marks.
 (Ideal Holder: 50-2102CR);
 (BJB Holder: 47.319.2141.50);
 (AAG.STUCCHI holder: 8401-G2);
 NO.2: Without the LED holder for yellow indicator marks.

For the ERC1820 LED engines.

ERC1820S8xxHE;
ERC1820S9xxHE;

Mounting with machine screws M3x8mm;
 NO.1: With Zhaga Book 3 LED holder for red indicator marks.
 (Ideal Holder: 50-2101CR);
 (BJB holder: 47.319.2131.50);
 NO.2: Without the LED holder for green indicator marks.

For the ERC3050 LED engines.

ERC3050S8xxHE;
ERC3050S9xxHE;

Mounting with machine screws M3x8mm;
 With Zhaga Book 3 LED holder for red indicator marks.
 (Ideal Holder: 50-2234C);
 (BJB holder: 47.319.2151.50);

For the AC-ALL series LED engines.

EDC/47C/15W/XXX/230V/A;	EDC/47C/15W/XXX/120V/B;
EDC/57C/15W/XXX/230V/A;	EDC/57C/15W/XXX/120V/B;
EDC/57C/20W/XXX/230V/A;	EDC/57C/20W/XXX/120V/X;
EDC/57C/30W/XXX/230V/A;	EDC/57C/30W/XXX/120V/X;
EDC/57C/40W/XXX/230V/A;	EDC/57C/40W/XXX/120V/X;

Mounting with machine screws M3x8mm;
 With Zhaga Book 3 Lumens LED holder for red indicator marks.
 Please refer to the www.lumensleds.com data provided on the manual.

eLED

eLED-LUME-9550 Lumens Modular Passive Star LED Heat Sink Φ 95mm

Mounting Options and Drawings & Dimensions

Example:eLED-LUME-9550-B-3

Example:eLED-LUME-9550-1-2-3

- 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:

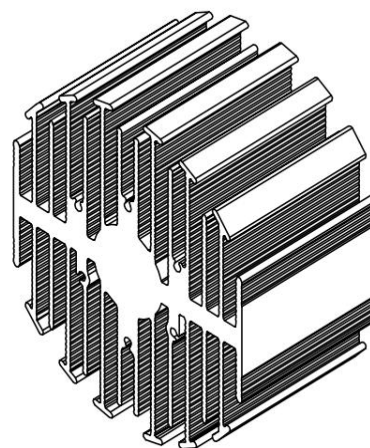
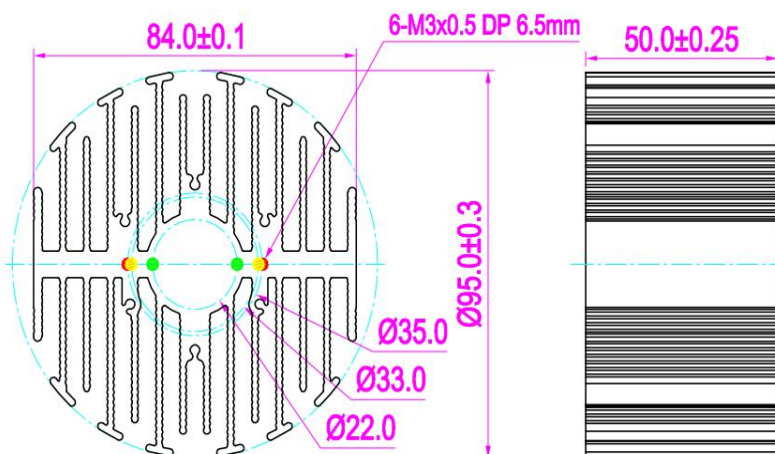
- Mentioned models are an extraction of full product range.
- For specific mechanical adaptations please contact MingfaTech.
- MingfaTech reserves the right to change products or specifications without prior notice
- Note : option 2 and option 3 can not be combined

MOUNTING OPTION	Module type	Holder NO.	THREAD	THREAD DEPTH	THREAD HOLE DISTANCE
1	ERC1820	/	M3	6.5mm	25.0mm/ 2-@180°
2	ERC2530 ERC2540	/	M3	6.5mm	33.0mm/ 2-@180°
3	ERC2530 ERC2540	Ideal 50-2102CR	M3	6.5mm	35.0mm/ 2-@180°
		BJB 47.313.2141.50			
		AAG. 8401-G2			
	ERC3050	Ideal 50-2234C			
		BJB 47.313.2131.50			
	AC-ALL	Lumens			

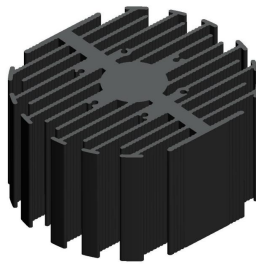
LUMENS



A. A. G.
STUCCHI
Ideas are made of light



The thermal data table

	 <i>eLED-9550</i>
Model No.	eLED-LUME-9550
Size	Φ95xH50mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	353
Thermal Wattage	40.5W
HeatsinkΘs-a²	108320
Heat Sink T Rise Above Ambient	1.25

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-LUME-9550	
10	1.80	18
20	1.40	28
30	0.97	29
40	1.25	50
50	1.18	59

