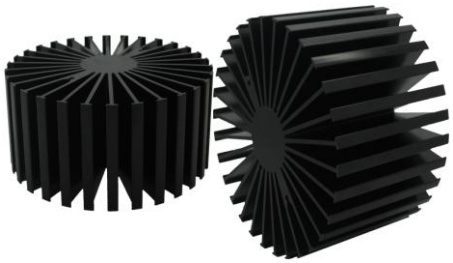
SimpoLED

SimpoLED-EDI-11780 for Edison Modular Passive LED Cooler Φ117mm

Features VS Benefits

* The SimpoLED-EDI-11780 Edison Modular Passive LED Coolers are specifically designed for luminaires using the Edison 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 1700 to 6100 lumen.
* Thermal resistance range Rth 0.8°C/W.
* Modular design with mounting holes foreseen for direct mounting of Edison EdiLex SLM and EdiLex II COB LED engines.
* Diameter 117mm - standard height 80mm Other heights on request.
* Extruded from highly conductive aluminum.

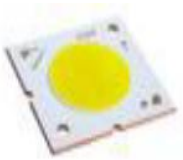


Zhaga LED engine and radiator assembly is a unified future international standardization

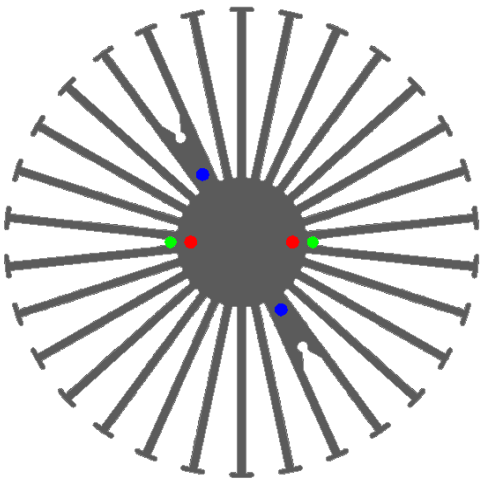
* Below you find an overview of Edison engines COB's and LED modules which standard fit on the SimpoLED coolers.
* In this way mechanical after work and related costs can be avoided, and lighting designers can standardize their designs on a limited number of LED coolers.

EDISON

BJB



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



Edison LED engines Mounting Options

For the EdiLex Spot Light Module (SLM).

5PHR35WWS0010001;
5PHR35NWS0010001;

Zhaga Book3 Green indicator marks:
Direct mounting with machine screws M3x8mm;

For the EdiLex II HM Series LED engines.

2PHM30WW27P13001;
2PHM30NW27P13001;
2PHM30CW27P13001;

BJB holder:47.319.2021.50;
AAG.STUCCHI holder:8101-G2.

2PHM40WW27P16001;
2PHM40NW27P16001;
2PHM40CW27P16001;

BJB holder:47.319.2030.50;
AAG.STUCCHI holder:8101-G2.

Zhaga Book3 Green indicator marks
Mounting with machine screws M3x8mm;

For the EdiLex II HM CRI90 Series LED engines.

2PHM30WW38P13001;
2PHM30NW38P13001;
2PHM30CW38P13001;

BJB holder:47.319.2021.50;
AAG.STUCCHI holder:8101-G2.

2PHM40WW38P16001;
2PHM40NW38P16001;
2PHM40CW38P16001;

BJB holder:47.319.2030.50;
AAG.STUCCHI holder:8101-G2.

Zhaga Book3 Green indicator marks
Mounting with machine screws M3x8mm;

Edison LED engines directly Mounting Options

For the EdiLex II SD Series LED engines.

2PSD40WW01P03001;
2PSD40NW05P03001;
2PSD40CW06P03001;

2PSD50WW01P03001;
2PSD50NW05P03001;
2PSD50CW06P03001;

Direct mounting with machine screws M3x6mm;
Blue indicator marks.

Please refer to the "http://www.edison-opto.com" data provided on the manual.

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Mingfa TECH

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Mounting Options and Drawings & Dimensions

Example:SimpoLED-EDI-11780-B-3

Example:SimpoLED-EDI-117 [1] - [2] - [3]

[1] Height (mm)

[2] Anodising Color

B-Black

C-Clear

Z-Custom

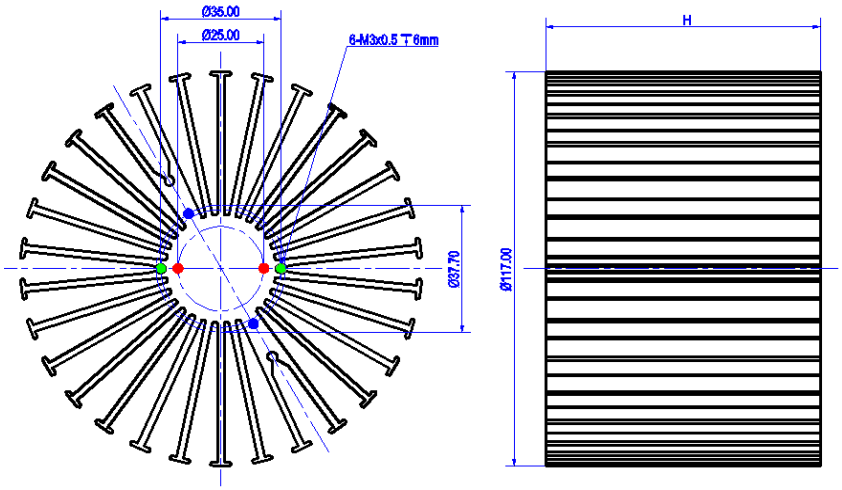
[3] Mounting Options - see graphics for details Combinations available

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	EdiLex II CAC	Ideal:50-2000CR	M3	6mm	25.0mm/ 2-@180°
		BJB:47.319.6120.50			
2	EdiLex II HM	AAG.STUCCHI (8101-G2) (8102-G2)	M3	6mm	35.0mm/ 2-@180°
		BJB (47.319.2021.50) (47.319.2030.50)			
	EdiLex II SLM	/			
3	EdiLex II SD	/	M3	6mm	37.7mm/ 2-@180°



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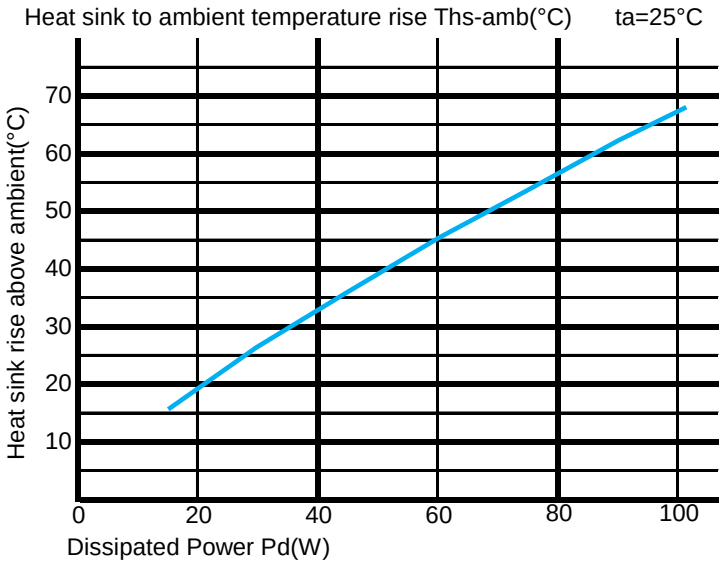
The thermal data table

	SimpoLED-11780
Model No.	**SimpoLED-EDI-11780**
Size	**Φ117xH80mm**
Material	**AL6063-T5**
Finish	**Black Anodized**
Weight(gr)	**774.0**
Thermal Wattage	**60.7W**
HeatsinkΘs-a²	**231490**
Heat Sink T Rise Above Ambient	**0.8**

Pd = Pe x (1-ηL)		Heat sink to ambient thermal resistance Rhs-amb (°C/W)	Heat sink to ambient temperature rise Ths-amb (°C)
		SimpoLED-EDI-11780	SimpoLED-EDI-11780
Dissipated Power Pd(W)	15.0	1.01	15.2
	30.0	0.88	26.4
	45.0	0.80	36.1
	60.0	0.75	45.2
	75.0	0.71	53.8
	90.0	0.68	62.0



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