



for

LED



SimpoleD

SimpoleD-EDI-16050 for Edison Modular Passive LED Cooler Φ 160mm

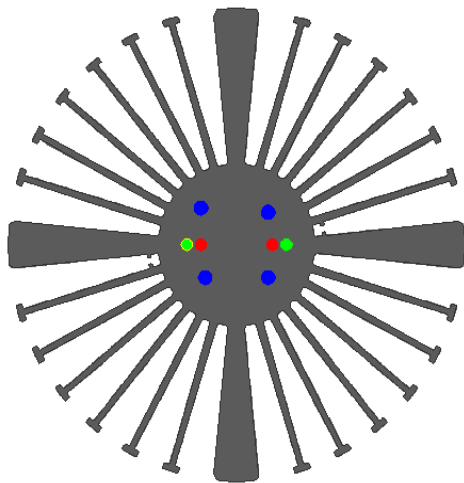
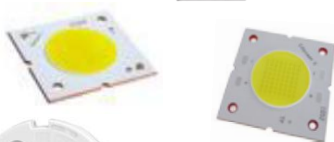
Features VS Benefits

- * The SimpoleD-EDI-16050 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 2500 to 7200 lumen.
- * Thermal resistance range Rth 0.68°C/W.
- * Modular design with mounting holes foreseen for direct mounting of Edison EdiLex II COB LED engines.
- * Diameter 160mm - 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 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 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.

- 2PSD60WW05P04001;
- 2PSD60NW05P04001;
- 2PSD60CW06P04001;
- 2PSDA2WW05P04001;
- 2PSDA2NW05P04001;
- 2PSDA2CW06P04001;

Direct mounting with machine screws M4x6mm;
Blue indicator marks.

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

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Mounting Options and Drawings & Dimensions

Example: SimpoleD-EDI-16050-B-3

Example: SimpoleD-EDI-160 **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:

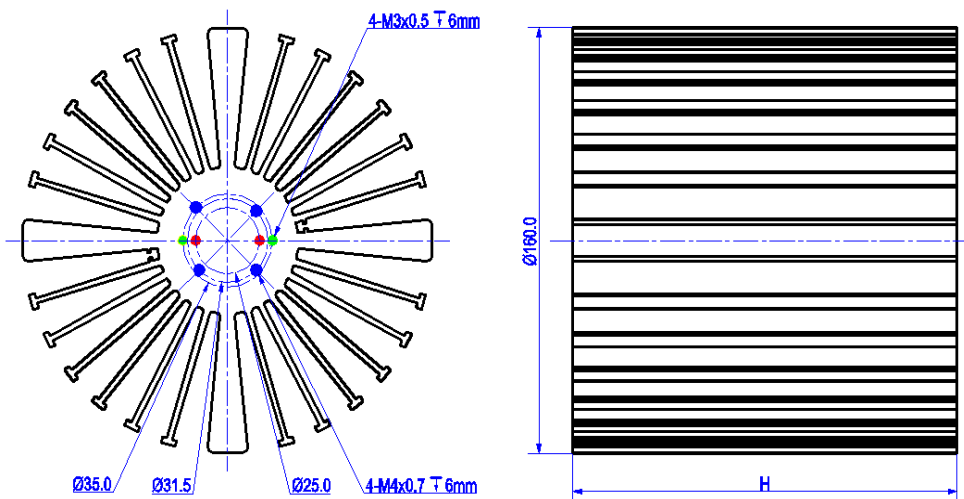
- Mentioned models are an extraction of full product range.
- For specific mechanical adaptations please contact MingfaTech.
- MingfaTech reserves the right to change products or specifications without prior notice.



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



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 SD	/	M4	6mm	31.5mm/ 4-@90°
3	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	/			



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The thermal data table

	 <i>SimpoleD-16050</i>
Model No.	SimpoleD-EDI-16050
Size	Φ160xH50mm
Material	AL6063-T5
Finish	Black Anodized
Weight(gr)	1052.0
Thermal Wattage	71.3W
HeatsinkΘs-a²	179161
Heat Sink T Rise Above Ambient	0.68

	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)
		SimpoleD-EDI-16050	SimpoleD-EDI-16050
Dissipated Power Pd(W)	15.0	0.92	13.8
	30.0	0.83	24.9
	45.0	0.78	35.1
	60.0	0.70	42.0
	75.0	0.67	50.3
	90.0	0.60	54.0
	100.0	0.55	55.0

