



for

LED

SimpoleD

SimpoleD-TRI-11750 for Tridonic Modular Passive LED Cooler Φ 117mm

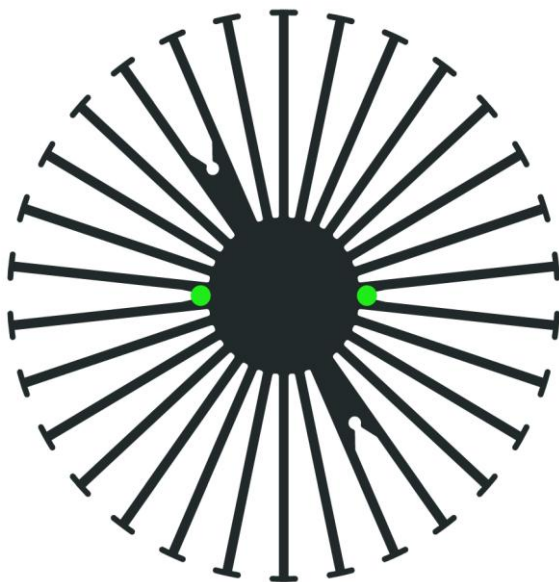
Features VS Benefits

- * The SimpoleD-TRI-11750 Tridonic Modular Passive LED Coolers are specifically designed for luminaires using the Tridonic 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 7000 lumen.
- * Thermal resistance range Rth 0.92°C/W.
- * Modular design with mounting holes foreseen for direct mounting of Tridonic TALEXXmodule SLE modules engines.
- * Diameter 117mm - 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 Tridonic COB's 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.



Zhaga Book3 Spot Light LED engines
LED COB's for which Zhaga book3 LED Modules holders are available

SLE G4 EXCITE LED Modules:

SLE 19mm 3000lm – Operating mode HO at 1,400 mA

SLE G4 19mm 3000lm 930 C EXC;

SLE G4 19mm 3000lm 940 C EXC;

SLE 23mm 5000lm – Operating mode NM

SLE G4 23mm 5000lm 930 C EXC;

SLE G4 23mm 5000lm 940 C EXC;

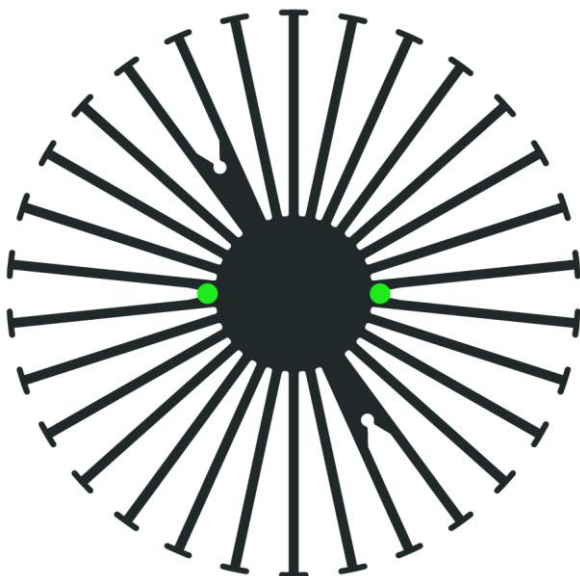
SLE G4 ESSENCE LED Modules:(Drive Current Max 1400mA)

STARK-SLE-G4-23-5000-830-PURE W/O-C;

STARK-SLE-G4-23-5000-840-PURE W/O-C;

Direct mounting with machine screws M3x6mm;
Green indicator marks.





SLE G4 ADVANCED LED Modules:

SLE 19mm 3000lm – Operating mode HO at 1,400 mA

SLE G4 19mm 3000lm 830 C ADV;

SLE G4 19mm 3000lm 840 C ADV;

SLE 23mm 5000lm – Operating mode NM

SLE G4 23mm 5000lm 830 C ADV;

SLE G4 23mm 5000lm 840 C ADV;

SLE G4 23mm R SNC LED Modules: (Drive Current Max 500mA)

SLE G4 23MM 5000LM 830 R SNC;

SLE G4 23MM 5000LM 840 R SNC;

SLE G4 23MM 5000LM 850 R SNC;

SLE G4 23MM 5000LM 930 R SNC;

SLE G4 23MM 5000LM 940 R SNC;

STARK SLE GEN3 SELECT LED Modules:

STARK-SLE-19-3000 – Operating mode HO at 1,400 mA

STARK-SLE-G3-19-3000-930-SE;

STARK-SLE-G3-19-3000-940-SE;

STARK-SLE-23-3000 – Operating mode HO at 1,400 mA

STARK-SLE-G3-23-3000-930-SE;

STARK-SLE-G3-23-3000-940-SE;

STARK SLE GEN3 CLASSIC EM Modules:

STARK-SLE-23-3000 – Operating mode HO at 1,400 mA

STARK-SLE-G3-23-3000-830-CLA-EM;

STARK-SLE-G3-23-3000-840-CLA-EM;

STARK SLE GEN3 CLASSIC Modules:

STARK-SLE-19-3000 – Operating mode HO at 1,400 mA

STARK-SLE-G3-19-3000-830-CLA;

STARK-SLE-G3-19-3000-840-CLA;

STARK-SLE-23-3000 – Operating mode HO at 1,400 mA

STARK-SLE-G3-23-3000-830-CLA;

STARK-SLE-G3-23-3000-840-CLA;

STARK SLE GEN3 Food LED Modules:

STARK-SLE-19 – Operating mode HO at 1,400 mA

STARK-SLE-G3-19-GOLD;

STARK-SLE-G3-19-GOLD+;

STARK-SLE-G3-19-FM;

STARK-SLE-G3-19-MEAT+;

STARK SLE GEN3 ART Modules:

STARK-SLE-19 – Operating mode HO at 1,400 mA

STARK-SLE-G3-PURE-19-930-ART;

STARK SLE GEN3 FASHION Modules:

STARK-SLE-19 – Operating mode HO at 1,400 mA

STARK-SLE-PURE-G3-19-FASHION;

Direct mounting with machine screws M3x6mm;
Green indicator marks.



Mounting Options and Drawings & Dimensions

Example: SimpoleD-TRI-11750-B-3

Example: SimpoleD-TRI-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

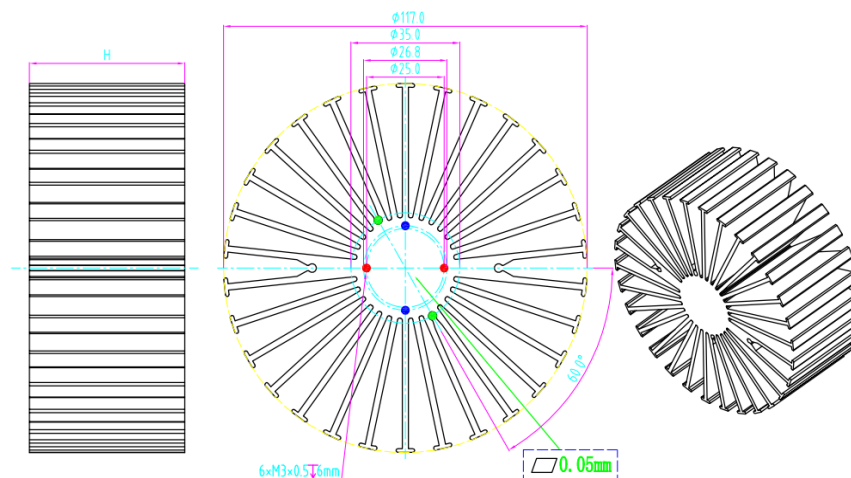
means option 1 and 2 combined



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	SLE G4 10mm R SNC; STARK SLE GEN3 Mini Classic; STARK SLE GEN3 Mini Select; STARK SLE GEN3 Art;	BJB (47.319.6060.50)	M3	6mm	25.0mm/ 2-@180° (Zhaga Book11)
2	SLE G4 Advanced; SLE G4 Excite;	/	M3	6mm	26.8mm/ 2-@180°
3	SLE G4 EXCITE; SLE G4 ESSENCE; SLE G4 ADVANCED; SLE G4 23mm R SNC; STARK SLE GEN3 SELECT; STARK SLE GEN3 CLASSIC EM; STARK SLE GEN3 CLASSIC; STARK SLE GEN3 Food; STARK SLE GEN3 ART; STARK SLE GEN3 FASHION;	/	M3	6mm	35.0mm/ 2-@180° (Zhaga Book3)





for

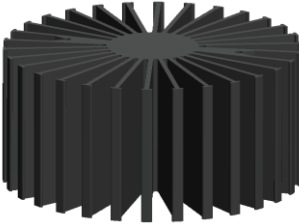
LED



SimpoleD

SimpoleD-TRI-11750 for Tridonic Modular Passive LED Cooler Φ117mm

The thermal data table

	 <i>SimpoleD-11750</i>
Model No.	SimpoleD-TRI-11750
Size	Φ117xH50mm
Material	AL6063-T5
Finish	Black Anodized
Weight(g)	484.0
Thermal Wattage	49.2W
HeatsinkØs-a²	147370
Heat Sink T Rise Above Ambient	0.92

Dissipated Power Pd(W)	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-TRI-11750	SimpoleD-TRI-11750
8.0		1.35	10.8
16.0		1.16	18.5
24.0		1.05	25.3
32.0		0.98	31.5
40.0		0.94	37.5
48.0		0.90	43.0
56.0		0.88	49.0

