



Thermal Solution
Lighting Housing

2019/2020

Mingfa Tech
Manufacturing Limited



To Build a Better Commercial World



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Overview

With professional know-how focused on LED cooling and lighting kits, MingfaTech brings high value to all its customers' esteemed brands. MingfaTech believes that any good LED thermal solution can make solid state lighting work more efficiently.

Therefore, as a LED thermal solution leading provider, MingfaTech is not only working on high quality, reasonable price and satisfactory lead time for clients, but also providing optimized designs derived from the early concepts. In other words, MingfaTech cares more about the complete value it can offer to clients by its full concentration on LED coolers more than the product itself.

Capabilities

MingfaTech is now holding with its own professional mechanical manufacturers in LED market but different production processes as aluminum extrusion, cold forging, die casting, deep drawing, sheet metal stamping, CNC cutting, laser cutting, milling, turning, welding, anodizing, power coating, silk screening, assembly, etc.

At the end of 2014, MingfaTech has stepped into developing thermal interface material between LED coolers and LED modules, like aluminum spacer assembled with thermal pad. From June of 2017, some lighting accessories like reflectors and drivers were also supplied to partners. In the early 2018, MingfaTech has launched lighting kits for its partners' one-stop solution requests.



TW: Thermal Wattage
TR: Thermal Resistance

All LED coolers can be customized for height $\geq 20\text{mm}$

Lighting Housings



Established a strategic partnership with **Xicato, Bridgelux, LumiLEDs, Luminus, Seoul Semiconductor, LG Innotek, international light source brands**. All MingfaTech coolers compatible with more than **20 COB brands**.

Markets

Currently, MingfaTech has gained very good reputation from hundreds of valued customers in America, Europe, Middle East, Asia, Australia and rest of the world, who are mainly LED light manufacturers, LED OEM suppliers, LED design companies, LED consultant firms, LED distributors, and so on.

With more than seven years experiences in LED coolers manufacturing, as a trustworthy turnkey solution partner for all clients in LED industry, so the company is specialized in LED thermal management.

LED Coolers



Mingfa Tech Lighting Housing Overview

Product Family	Item No.	Size (mm)	Cut out (mm)	LES (mm)	Power (W)	Beam Angle
 Meng Family	Meng-8055-B-XX	Φ80*h55.0	Φ72.0-Φ75.0	Φ6.0	15w	15°/24°/36°/60°
	Meng-8065-B-XX	Φ80*h65.0	Φ72.0-Φ75.0	Φ6.0	15.5w	10°/24°/34°/60°
 Soak Family	Soak-059-300-BK	Φ100.0*h75.0	Φ90.0	Φ9.0	10.0w	45°
	Soak-059-400-BK	Φ140.0*h90.0	Φ130.0	Φ11.0 or Φ19.0	20.0w	45°
	Soak-059-600-BK	Φ185.0*h112.0	Φ170.0	Φ17.0 or Φ19.0	30.0w	45°
	Soak-059-800-BK	Φ230.0*h128.0	Φ200.0	Φ17.0 or Φ19.0	40.0w	30°
 Tango Family	Tango-2032-05	Φ60*h70	Φ50.0	Φ6.0	5.0w	10°/24°/38°
	Tango-2031-05	Φ60*h70	Φ50.0	Φ6.0	5.0w	10°/24°/38°
	Tango-2032-12	Φ86*h100	Φ75.0	Φ11.0	12.0w	15°/24°/38°
	Tango-2031-12	Φ86*h100	Φ75.0	Φ11.0	12.0w	15°/24°/38°
	Tango-2032-20	Φ105*h118	Φ95.0	Φ11.0	20.0w	15°/24°/38°
	Tango-2031-20	Φ105*h118	Φ95.0	Φ11.0	20.0w	15°/24°/38°
	Tango-2032-35	Φ133*h140	Φ120.0	Φ15.0	35.0w	15°/24°/38°
	Tango-2031-35	Φ133*h140	Φ120.0	Φ15.0	35.0w	15°/24°/38°
 CAP Family	CAP-3032-05	Φ60*h72	Φ51.0	Φ6.0	5.0w	10°/24°/38°
	CAP-3031-05	Φ60*h72	Φ51.0	Φ6.0	5.0w	10°/24°/38°
	CAP-3032-12	Φ86*h102	Φ75.0	Φ11.0	12.0w	15°/24°/38°
	CAP-3031-12	Φ86*h102	Φ75.0	Φ11.0	12.0w	15°/24°/38°
	CAP-3032-20	Φ105*h120	Φ95.0	Φ11.0	20.0w	15°/24°/38°
	CAP-3031-20	Φ105*h120	Φ95.0	Φ11.0	20.0w	15°/24°/38°
	CAP-3032-35	Φ133*h142	Φ120.0	Φ15.0	35.0w	15°/24°/38°
	CAP-3031-35	Φ133*h142	Φ120.0	Φ15.0	35.0w	15°/24°/38°
 Nature Family	Nature-002-2F	Φ70.0*h77.0	Φ90.0	Φ6.0	5.0w	15°/24°/38°
	Nature-002-25F	Φ83.0*h81.5	Φ130.0	Φ6.0	5.0w	15°/24°/38°
	Nature-002-3F	Φ93.0*h94.5	Φ170.0	Φ9.0	10.0w	15°/24°/38°
	Nature-002-35F	Φ109.0*h109.5	Φ200.0	Φ9.0 or Φ11.0	10.0w	15°/24°/38°
	Nature-002X-25F	Φ84.0*h86.2	Φ75.0	Φ6.0	5.0w	15°/24°/38°
	Nature-002X-3F	Φ93.0*h98.5	Φ85.0	Φ6.0	5.0w	15°/24°/38°
 Horticulture Light Kits	HL-16580	Dia.165×80	/	/	80w	45°/60°/90°/120°
	HL-165100	Dia.165×100	/	/	100w	45°/60°/90°/120°
	HL-22580	Dia.225×80	/	/	100w	45°/60°/90°/120°
	HL-225100	Dia.225×100	/	/	150w	45°/60°/90°/120°

Mingfa Tech LED Cooler Overview

Product Family	Style	Item No.	Diameter (mm)	Height (mm)	Net Weight (g/pcs)	Thermal Resistance(°C/W)	Thermal Wattage (W)	Cooling Performance(lm)
 ActiLED	Extrusion AL6063-T5	ActiLED-F3860	Φ38	50	68.9	1.38	20.5	3000
		ActiLED-F7070	Φ70	50	205.0	0.55	58.4	8000
		ActiLED-F8570	Φ85	40	249.9	0.48	71.0	7000
		ActiLED-F9670	Φ96	50	315.0	0.64	85.0	10000
	Forging Al1070	ActiLED-G5850	Φ58	30	115.0	0.45	100.0	12000
 FanLED	+ Extrusion AL6063-T5	FanLED-3820	Φ38	20	24.4	10.90	4.5	600
		FanLED-3850		50	60.9	6.90	7.0	1000
		FanLED-3880		80	97.4	5.20	9.0	1300
		FanLED-7020	Φ70	20	73.6	3.70	13.0	1800
		FanLED-7050		50	183.9	2.30	20.0	2800
		FanLED-7080		80	294.2	1.90	23.0	3200
		FanLED-8520	Φ85	20	100.0	2.60	17.0	2400
		FanLED-8550		50	249.9	1.70	26.0	3600
		FanLED-8580		80	399.8	1.30	32.0	4500
		FanLED-9620	Φ96	20	124.8	2.20	21.0	2900
		FanLED-9650		50	312.0	1.30	32.0	4500
		FanLED-9680		80	499.2	1.00	40.0	5600
 eLED	Extrusion AL6063-T5	eLED-46	Φ46	20	41.0	7.69	6.5	300-1200
				50	100.9	5.88	8.5	500-1400
				80	161.5	4.55	11.0	500-1600
		eLED-70	Φ70	20	83.0	3.70	13.5	500-2100
				50	206.0	2.63	19.0	800-2900
				80	329.0	2.17	23.0	1200-3600
		eLED-95	Φ95	20	141.5	2.08	24.0	1500-3800
				50	353.0	1.49	33.5	1800-5200
				80	564.0	1.22	41.0	2000-6300
		xLED-45	Φ45	30	45.0	7.14	7.0	300-1200
				50	63.5	5.55	9.0	400-1500
				68	90.0	4.76	10.5	500-1600
 xLED	Forging Al1070	xLED-60	Φ60	30	80.0	5.00	10.0	500-1600
				50	112.0	3.85	13.0	900-2200
		xLED-70	Φ70	30	106.0	3.85	13.0	900-2200
				50	150.0	3.13	16.0	1000-2600
		xLED-80	Φ80	30	140.0	3.13	16.0	1000-2600
				50	197.0	2.38	21.0	1100-3400
		xLED-130	Φ130	30	492.0	1.51	33.0	1800-5000
				50	625.0	1.04	48.0	2800-7500
				80	825.0	0.83	60.0	3500-9200
		xLED-165	Φ165	100	958.0	0.77	65.0	4000-10000
				30	830.0	0.91	55.0	3500-8500
				60	1200.0	0.55	90.0	4400-11000
		xLED-225	Φ225	100	1700.0	0.42	120.0	6000-15000
				30	1530.0	0.63	80.0	5000-12000
				60	2220.0	0.34	150.0	9000-23000
		tLED-9290	L92xW90	100	3150.0	0.26	200.0	10000-30000
				30	336.0	2.00	25.0	1500-4000
				50	486.0	1.43	35.0	2200-5600
		tLED-19070	L190xW70	30	553.0	1.16	43.0	2800-7000
				50	770.0	0.83	60.0	3800-9700
				50	781.0	1.04	48.0	3100-7800
		tLED-115115	L115xW115	50	781.0	1.04	48.0	3100-7800
				50	781.0	1.04	48.0	3100-7800
				50	781.0	1.04	48.0	3100-7800
 tLED	Extrusion AL6063-T5	tLED-9290	L92xW90	30	336.0	2.00	25.0	1500-4000
				50	486.0	1.43	35.0	2200-5600
				30	553.0	1.16	43.0	2800-7000
		tLED-19070	L190xW70	50	770.0	0.83	60.0	3800-9700
		tLED-115115	L115xW115	50	781.0	1.04	48.0	3100-7800

Mingfa Tech LED Cooler Overview

Product Family	Style	Item No.	Diameter (mm)	Height (mm)	Net Weight (g/pcs)	Thermal Resistance(°C/W)	Thermal Wattage (W)	Cooling Performance(lm)
	Forging AL1070 + Extrusion AL6063-T5	BuLED-30E	Φ50	30	106.0	6.80	8.8	400-1200
		BuLED-50E		50	155.0	5.00	12.0	500-1400
		BuLED-30F		30	75.0	6.70	9.0	400-1200
		BuLED-50F		50	93.0	4.90	12.2	500-1400
		BuLED-30Fx		30	76.0	6.30	9.5	400-1200
		BuLED-50Fx		50	95.0	4.80	12.5	500-1400
		BuLED-68Fx		68	125.0	4.60	13.0	650-1600
	Extrusion AL6063-T5	EtraLED-48	Φ48	20	53.0	7.69	6.5	300-1000
				50	134.0	5.00	10.0	400-1500
				80	213.0	4.17	12.0	700-1800
		EtraLED-70	Φ70	20	77.0	3.70	13.5	800-2000
				50	192.0	2.50	20.0	1200-3000
				80	308.0	2.08	24.0	1400-3600
		EtraLED-85	Φ85	20	115.0	2.38	21.0	1200-3100
				50	286.0	1.72	29.0	1700-4300
				80	458.0	1.47	34.0	2000-5100
		EtraLED-96	Φ96	20	144.0	2.08	24.0	1400-3600
				50	360.0	1.45	34.5	2000-5100
				80	575.0	1.20	41.5	2500-6200
		EtraLED-110	Φ110	20	165.0	1.79	28.0	1600-4200
				50	414.0	1.22	41.0	2400-6100
				80	662.0	1.03	48.5	3000-7200
		EtraLED-130	Φ130	20	274.0	1.39	36.0	2100-5400
				40	553.0	1.09	46.0	2700-6900
				50	684.0	1.02	49.0	3000-7300
				80	1108.0	0.83	60.0	3600-9000
	Forging AL1070	GooLED-35	Φ35	30	22.0	11.10	4.5	200-650
		GooLED-48	Φ48	30	46.0	6.25	8.0	400-1300
				50	63.0	5.00	10.0	500-1600
				68	91.0	4.35	11.5	600-1800
				80	101.0	3.85	13.0	700-2000
		GooLED-58	Φ58	30	79.0	5.00	10.0	500-1600
				50	114.0	3.85	13.0	800-2100
				80	182.0	3.34	15.0	900-2300
		GooLED-68	Φ68	30	107.0	4.00	12.5	800-2100
				50	153.0	3.23	15.5	900-2600
				60	176.0	2.94	17.0	1000-2800
				80	245.0	2.70	18.5	1100-3000
		GooLED-78	Φ78	30	138.0	3.03	16.3	1000-2700
				50	197.0	2.33	21.5	1200-3500
				80	316.0	2.08	24.0	1300-3700
		GooLED-86	Φ86.5	30	152.0	2.50	20.0	1200-3200
				50	210.0	1.85	27.0	1600-4400
				65	293.0	1.56	32.0	1800-5200
		GooLED-110	Φ110	50	463.0	1.47	34.0	2000-5500
				80	617.0	1.14	44.0	2500-7000
				100	720.0	1.00	50.0	3000-7500
		GooLED-160	Φ160	50	983.0	1.00	50.0	3000-7500
				80	1190.0	0.76	65.0	4000-9500
				140	1600.0	0.63	80.0	4800-12000
		GooLED-190	Φ190	37	600.0	0.83	60.0	3500-9000

Mingfa Tech LED Cooler Overview

Product Family	Style	Item No.	Diameter (mm)	Height (mm)	Net Weight (g/pcs)	Thermal Resistance(°C/W)	Thermal Wattage (W)	Cooling Performance(lm)
	Extrusion AL6063-T5	SimpoleD-58	Φ58	50	174.0	4.55	11.0	500-1600
				70	244.0	3.85	13.0	700-1900
		SimpoleD-81	Φ81	50	318.0	2.17	23.0	1300-3400
				80	508.0	1.85	27.0	1600-4000
		SimpoleD-117	Φ117	50	484.0	1.11	45.0	2600-6700
				80	774.0	0.96	52.0	3100-7800
		SimpoleD-135	Φ135	40	510.0	1.04	48.0	2800-7200
				50	638.0	0.96	52.0	3100-7800
				80	1020.0	0.79	63.0	3700-9400
		SimpoleD-160	Φ160	80	1052.0	0.81	62.0	3600-9300
				100	2104.0	0.64	78.0	4600-11000
				150	3155.0	0.56	90.0	5400-13000

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MENU

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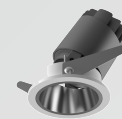
Lighting Housing



Meng Family

Screw, Body, Clips, Holder, Lens, Ring

Type	Size(mm)	Cut-out(mm)	Les(mm)	Power(W)	Beam Angle
Meng-8055-B-XX	Φ80*h55.0	Φ72.0-Φ75.0	Φ6.0	15w	15°/24°/36°/60°
Meng-8065-B-XX	Φ80*h65.0	Φ72.0-Φ75.0	Φ6.0	15.5w	10°/24°/34°/60°



Tango Family

Round wide ring, Mounting bracket, Heat sink, Reflector cup, Lens, Holder, Wire buckle

Type	Size(mm)	Cut-out(mm)	Les(mm)	Power(W)	Beam Angle
Tango-2032-05	Φ60*h70mm	Φ50.0mm	Φ6.0	5.0w	10°/24°/38°
Tango-2031-05	Φ60*h70mm	Φ50.0mm	Φ6.0	5.0w	10°/24°/38°
Tango-2032-12	Φ86*h100mm	Φ75.0mm	Φ11.0	12.0w	15°/24°/38°
Tango-2031-12	Φ86*h100mm	Φ75.0mm	Φ11.0	12.0w	15°/24°/38°
Tango-2032-20	Φ105*h118mm	Φ95.0mm	Φ11.0	20.0w	15°/24°/38°
Tango-2031-20	Φ105*h118mm	Φ95.0mm	Φ11.0	20.0w	15°/24°/38°
Tango-2032-35	Φ133*h140mm	Φ120.0mm	Φ15.0	35.0w	15°/24°/38°
Tango-2031-35	Φ133*h140mm	Φ120.0mm	Φ15.0	35.0w	15°/24°/38°



CAP Family

Round narrow ring, Installed net, Heat sink, Reflector cup, Lens, Holder, Wire buckle

Type	Size(mm)	Cut-out(mm)	Les(mm)	Power(W)	Beam Angle
CAP-3032-05	Φ60*h72mm	Φ51.0mm	Φ6.0	5.0w	10°/24°/38°
CAP-3031-05	Φ60*h72mm	Φ51.0mm	Φ6.0	5.0w	10°/24°/38°
CAP-3032-12	Φ86*h102mm	Φ75.0mm	Φ11.0	12.0w	15°/24°/38°
CAP-3031-12	Φ86*h102mm	Φ75.0mm	Φ11.0	12.0w	15°/24°/38°
CAP-3032-20	Φ105*h120mm	Φ95.0mm	Φ11.0	20.0w	15°/24°/38°
CAP-3031-20	Φ105*h120mm	Φ95.0mm	Φ11.0	20.0w	15°/24°/38°
CAP-3032-35	Φ133*h142mm	Φ120.0mm	Φ15.0	35.0w	15°/24°/38°
CAP-3031-35	Φ133*h142mm	Φ120.0mm	Φ15.0	35.0w	15°/24°/38°



Soak Family

Lamp body, Spring, Reflector, Lens, Holder, Wire buckle

Type	Size(mm)	Cut-out(mm)	Les(mm)	Power(W)	Beam Angle
Soak-059-300-BK	Φ100.0*h75.0mm	Φ90.0mm	Φ9.0	10.0w	45°
Soak-059-400-BK	Φ140.0*h90.0mm	Φ130.0mm	Φ11.0 or Φ19.0	20.0w	45°
Soak-059-600-BK	Φ185.0*h112.0mm	Φ170.0mm	Φ17.0 or Φ19.0	30.0w	45°
Soak-059-800-BK	Φ230.0*h128.0mm	Φ200.0mm	Φ17.0 or Φ19.0	40.0w	30°



Nature Family

Flat ring, dissipated cup, Spring, lens, Holder, Wire buckle

Type	Size(mm)	Cut-out(mm)	Les(mm)	Power(W)	Beam Angle
Nature-002-2F	Φ70.0*h77.0mm	Φ90.0mm	Φ6.0	5.0w	15°/24°/38°
Nature-002-25F	Φ83.0*h81.5mm	Φ130.0mm	Φ6.0	5.0w	15°/24°/38°
Nature-002-3F	Φ93.0*h94.5mm	Φ170.0mm	Φ9.0	10.0w	15°/24°/38°
Nature-002-35F	Φ109.0*h109.5mm	Φ200.0mm	Φ9.0 or Φ11.0	10.0w	15°/24°/38°



Nature Family

Angled ring, Dissipated cup, Spring, lens, Holder, Wire buckle

Type	Size(mm)	Cut-out(mm)	Les(mm)	Power(W)	Beam Angle
Nature-002X-25F	Φ84.0*h86.2mm	Φ75.0mm	Φ6.0	5.0w	15°/24°/38°
Nature-002X-3F	Φ93.0*h98.5mm	Φ85.0mm	Φ6.0	5.0w	15°/24°/38°

Horticulture Light Kits



Type	Size	Power	Beam Angle	Included accessories
HL-16580	Dia.165×80	80w	45° / 60° / 90° / 120°	heatsink:1pcs lens:1pcs lens waterproof ring:1pcs lens holder:1pcs
HL-165100	Dia.165×100	100w		
HL-22580	Dia.225×80	100w		
HL-225100	Dia.225×100	150w		

Thermal Tape



Standard Thickensses
0.010-inch to 0.200-inch (0. 25 to 5. 0mm)

		Test Method
Type	MF-882053	/
Finish	Grey	Visual
Thermal Conductivity	3W/mK	ASTM D5470
Haranness(shore 00)	40(at 3 second delay)	ASTM D2240
Density	2.5g/cc	/
Thckness Range	0.25-5.0mm	ASTM D347
Thickness Tolerance	±8%	ASTM D347
UL Flammability Rating	94V0	UL
Temperature Range	-45℃ to 200℃	TGA+DMA
Volume Resistivity	10^13 ohm-cm	ASTM D257
Outgassing TML	0.19%	SATM E595
Outgassing CVC	0.07%	SATM E595
Coefficient Thermal Expansion(CTE)	217ppm/C	IPC-TM650 2.4.24

ActiLED coolers

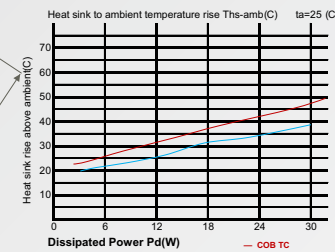
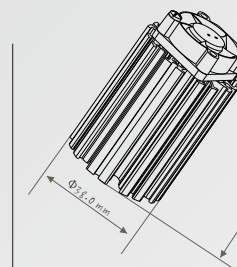
The product is suitable for market square universal fan

Suitable for Zhaga Book3 and custom holes

Suitable for COB modules with luminous surface over 30mm

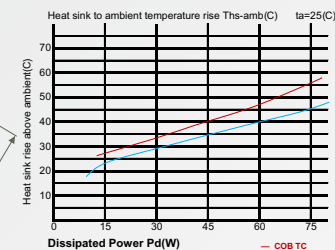
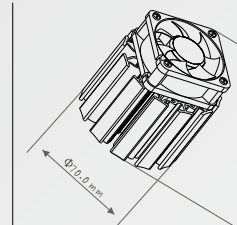
ActiLED-F3860

- Size: H50mm
- Material: AL6063-T5
- Finish: Black Anodized
- TW(max): 20.5W
- TR: 1.38°C/W



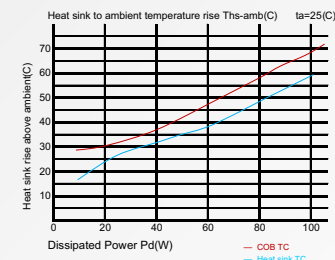
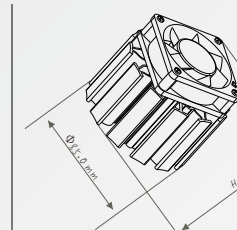
ActiLED-F7070

- Size: H50mm
- Material: AL6063-T5
- Finish: Black Anodized
- TW(max): 58.4W
- TR: 0.55°C/W



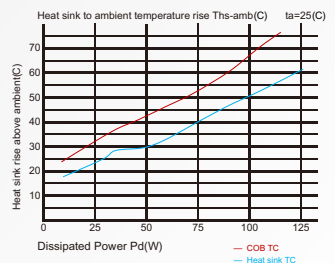
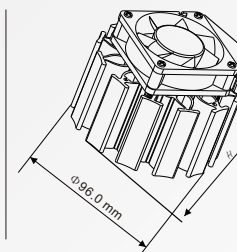
ActiLED-F8570

- Size: H40mm
- Material: AL6063-T5
- Finish: Black Anodized
- TW(max): 71.0W
- TR: 0.48°C/W



ActiED-F9670

- Size: H50mm
- Material: AL6063-T5
- Finish: Black Anodized
- TW(max): 85.0W
- TR: 0.64°C/W



ActiLED coolers

Ultra-Compact Lightweight 100-Watt Pin-Fin Heatsink

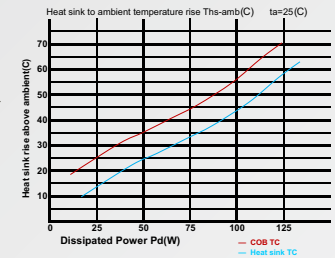
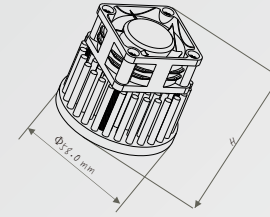
Large Mounting Area For COB/SMD arrays



MicroCooler
Revolutionary

ActiLED-G5850

- Size: H30mm
- Material: AL1070
- Finish: Black Anodized
- TW(max): 100W
- TR: 0.45°C/W



FANLED coolers

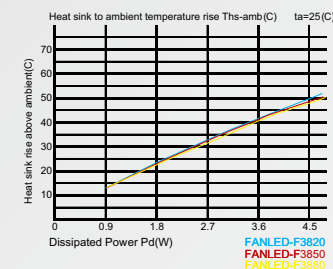
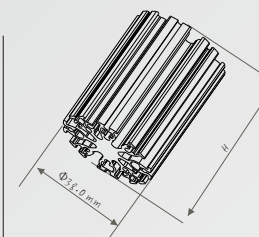
The product is suitable for Zhaga book 3 and Zhaga book 11 holes

The customer can use self-tapping screws to install without tapping

10%-15% thermal wattage higher than normal star heatsink

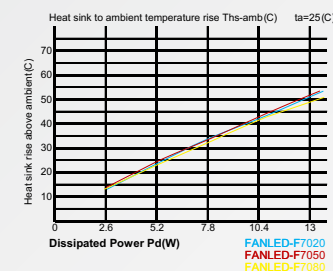
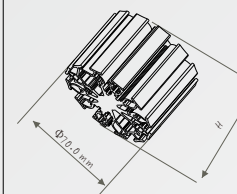
FANED-F38

- Size: H20/50/80mm
- Material: AL6063-T5
- Finish: Black Anodized
- TW(max): 4.5/7.0/9.0 W
- TR: 10.9/6.9/5.2 °C/W



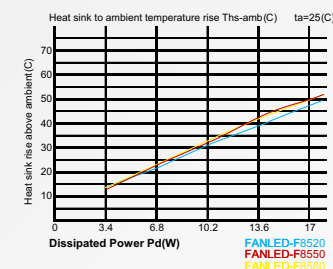
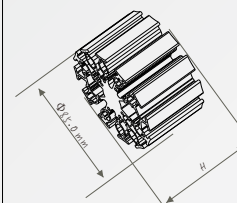
FANED-F70

- Size: H20/50/80mm
- Material: AL6063-T5
- Finish: Black Anodized
- TW(max): 13.0/20.0/23.0 W
- TR: 3.7/2.3/1.9 °C/W



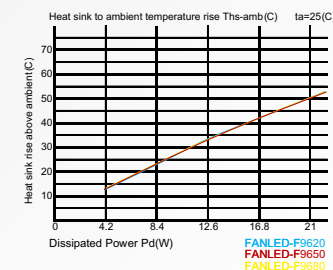
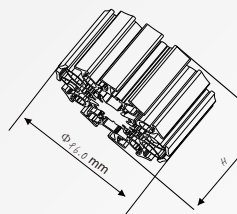
FANED-F85

- Size: H20/50/80mm
- Material: AL6063-T5
- Finish: Black Anodized
- TW(max): 17.0/26.0/32.0 W
- TR: 2.6/1.7/1.3 °C/W



FANED-F96

- Size: H20/50/80mm
- Material: AL6063-T5
- Finish: Black Anodized
- TW(max): 21.0/32.0/40.0 W
- TR: 2.2/1.3/1.0 °C/W

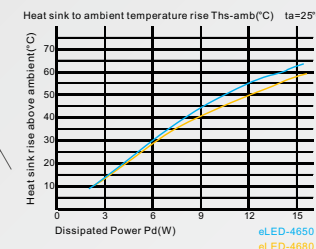
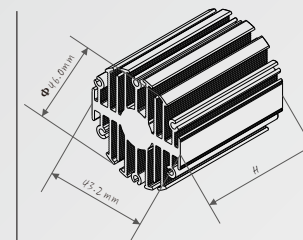


eLED coolers



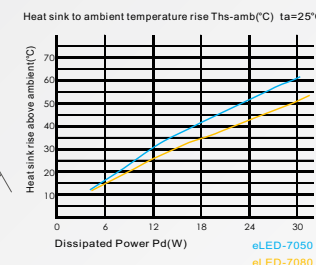
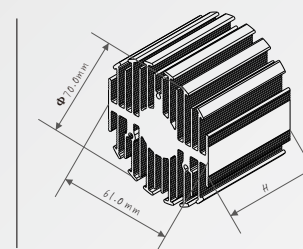
eLED-46

- Size: H50/80mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 13.0W
- TR: 3.80~5.00°C/W



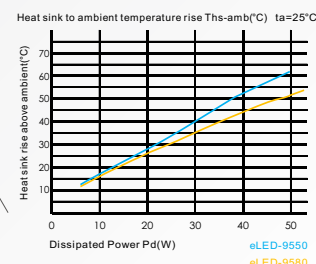
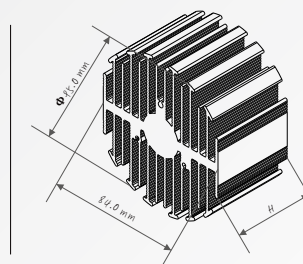
eLED-70

- Size: H50/80mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 28.2W
- TR: 1.77~2.18°C/W



eLED-95

- Size: H50/80mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 49.2W
- TR: 1.10~1.25°C/W



xLED coolers

There are 4PCS D2.5 holes at the top.

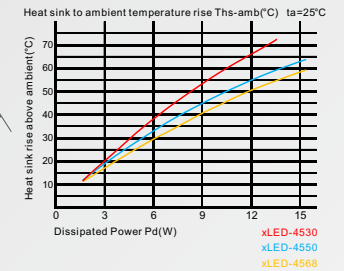
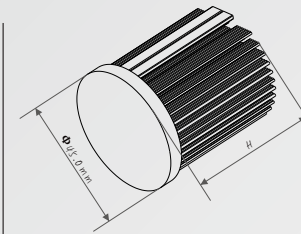
With dissipation surface **40%** more than traditional heatsinks

Side fins to be drilled M3 or M4 holes

Solid bottom plate can meet IP65~IP67

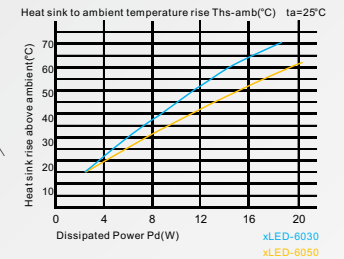
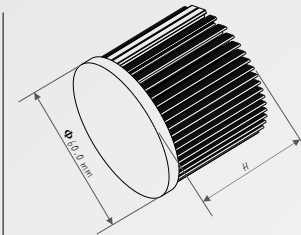
xLED-45

- Size: H30/50/68mm
- Material: AL1070
- Finish: Black/Clear Anodized
- TW(max): 12.0W
- TR: 4.20~6.40°C/W



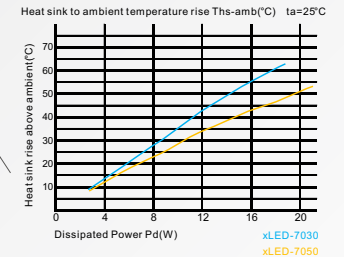
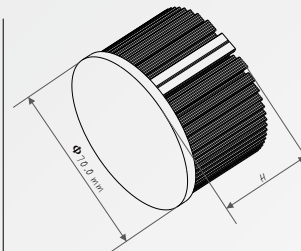
xLED-60

- Size: H30/50mm
- Material: AL1070
- Finish: Black/Clear Anodized
- TW(max): 15.5W
- TR: 3.30~4.20°C/W



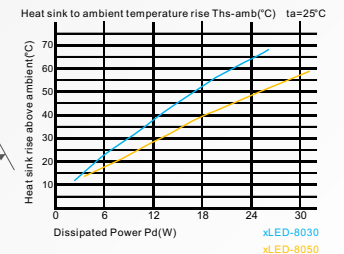
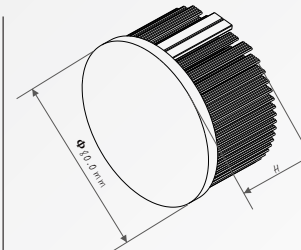
xLED-70

- Size: H30/50/60mm
- Material: AL1070
- Finish: Black/Clear Anodized
- TW(max): 19.5W
- TR: 2.56~3.30°C/W



xLED-80

- Size: H30/50mm
- Material: AL1070
- Finish: Black/Clear Anodized
- TW(max): 25.5W
- TR: 1.96~2.70°C/W



xLED coolers

4 poles for mounting Meanwell HBG drivers or drivers housings

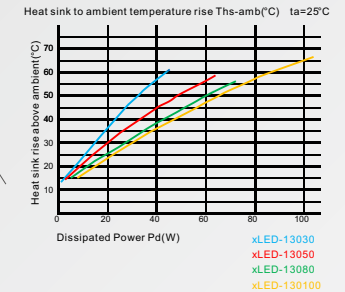
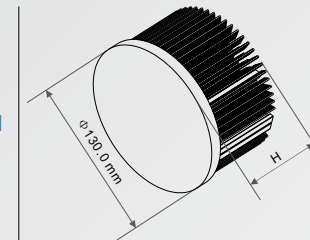
With dissipation surface **40%** more than traditional heatsinks

2pcs Dia3.5mm holes

Solid bottom plate can meet IP65~IP67

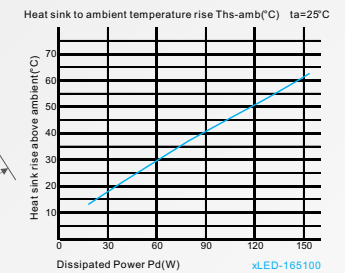
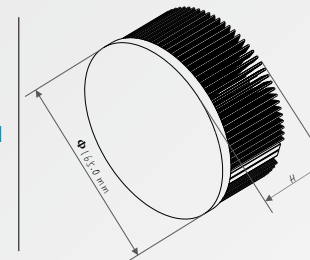
xLED-130

- Size: H30/50/80/100mm
- Material: AL1070
- Finish: Black/Clear Anodized
- TW(max): 65.0W
- TR:0.77~1.51°C/W



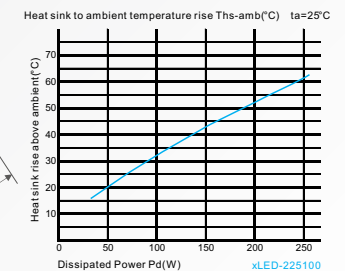
xLED-165

- Size: H30/60/100mm
- Material: AL1070
- Finish: Black/Clear Anodized
- TW(max): 120.0W
- TR:0.42~0.91°C/W



xLED-225

- Size: H30/60/100mm
- Material: AL1070
- Finish: Black/Clear Anodized
- TW(max): 200.0W
- TR:0.26~0.63°C/W



tLED coolers

AL6063-T5 thermal conductivity is
1.5 times higher than ADC12

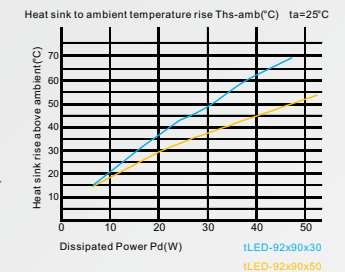
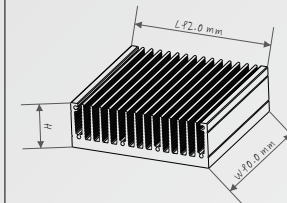
Compatible with more
than 20 SMD brands

Solid plate design to
meet the IP65~IP67

Locations for DIA2.5
or M3 mounting holes
(Total 12pcs or 16pcs per sizes)

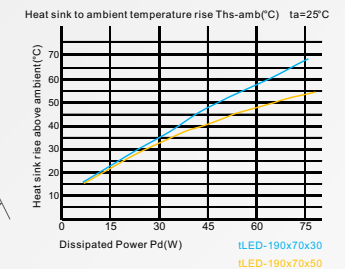
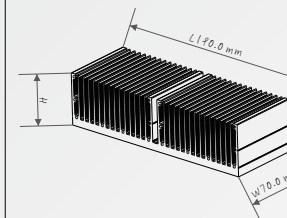
tLED-9290

- Size: H30/50mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 47.0W
- TR: 1.06~1.50°C/W



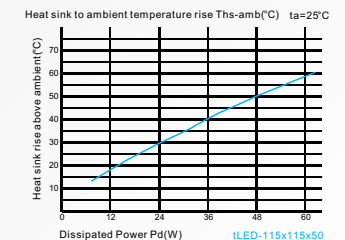
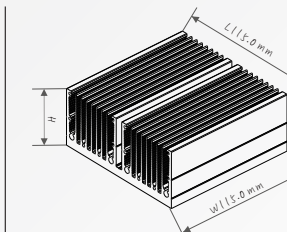
tLED-19070

- Size: H30/50mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 71.0W
- TR: 0.70~0.95°C/W



tLED-115115

- Size: H50mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 62.0W
- TR: 0.78°C/W



BuLED coolers



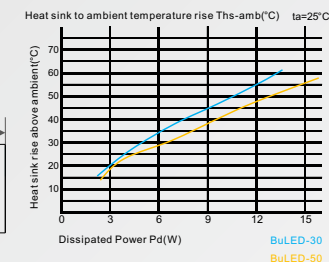
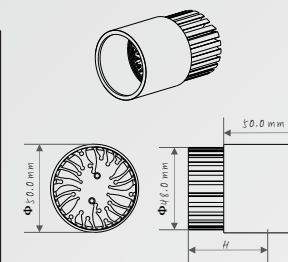
(3) BuLED-Fx



(1) BuLED-E (2) BuLED-F

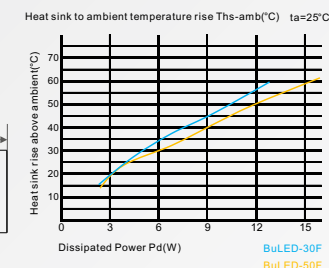
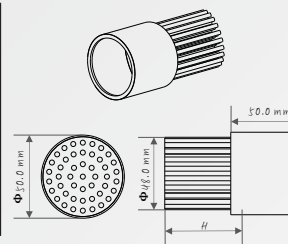
BuLED-30E/50E

- Size: H30/50mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 15.0W
- TR: 3.70~4.20°C/W



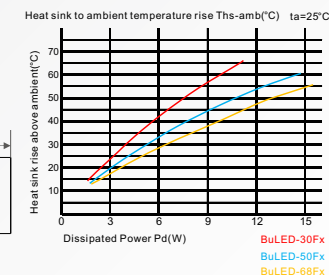
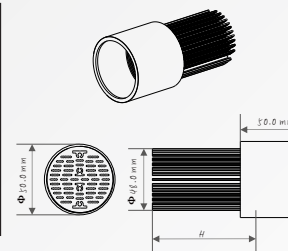
BuLED-30F/50F/68F

- Size: H30/50/68mm
- Material: AL1070+6063-T5
- Finish: Black/Clear Anodized
- TW(max): 15.0W
- TR: 3.70~4.20°C/W



BuLED-30Fx/50Fx/68Fx

- Size: H30/50/68mm
- Material: AL1070+6063-T5
- Finish: Black/Clear Anodized
- TW(max): 13.0W
- TR: 3.80~6.40°C/W



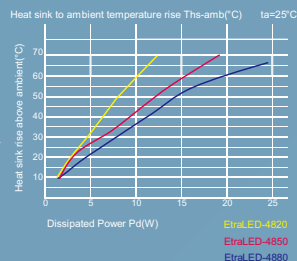
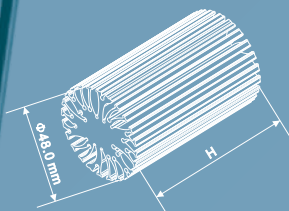
EtraLED coolers

Compatible with more than 20 COB brands. **Covering 85-95% of modules**

AL6063-T5 material

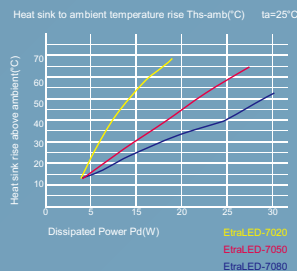
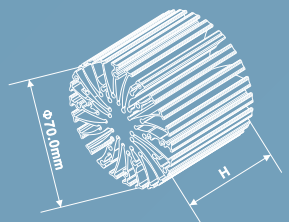
EtraLED-48

- Size: H20/50/80mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 14.0W
- TR: 3.60~6.25°C/W



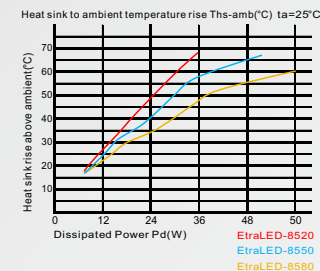
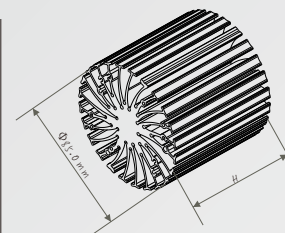
EtraLED-70

- Size: H20/50/80mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 28.1W
- TR: 1.80~3.57°C/W



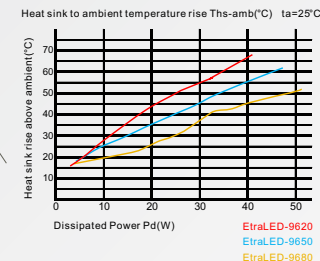
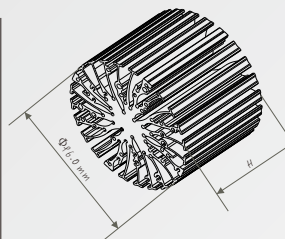
EtraLED-85

- Size: H20/50/80mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 38.0W
- TR: 1.30~2.00°C/W



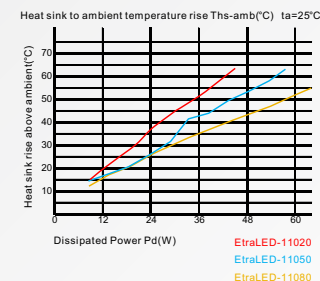
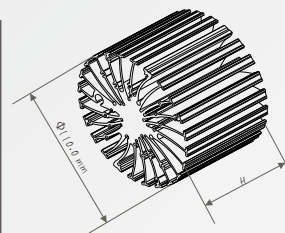
EtraLED-96

- Size: H20/50/80mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 49.2W
- TR: 0.92~1.80°C/W



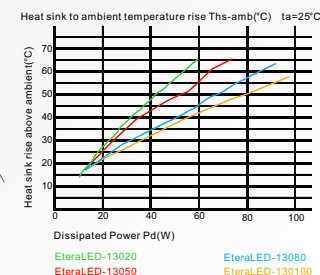
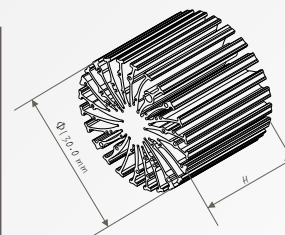
EtraLED-110

- Size: H20/50/80mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 57.0W
- TR: 0.90~1.50°C/W

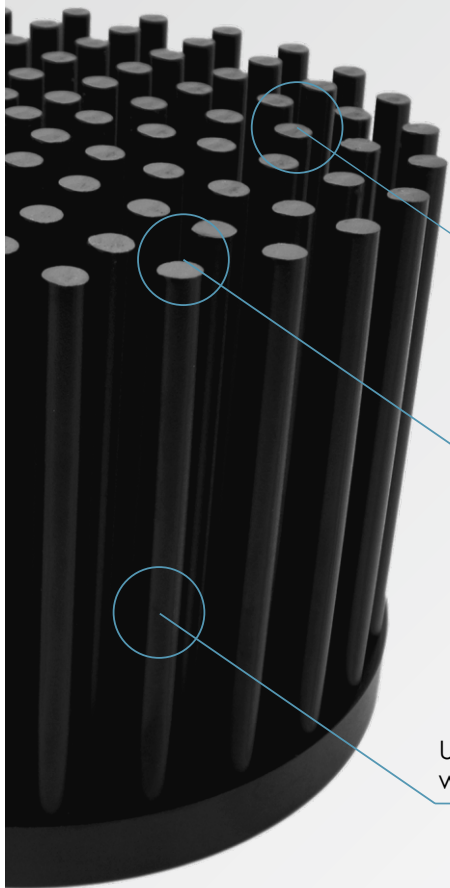


EtraLED-130

- Size: H20/50/80/100mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 76.2W
- TR: 0.65~1.10°C/W



GooLED coolers



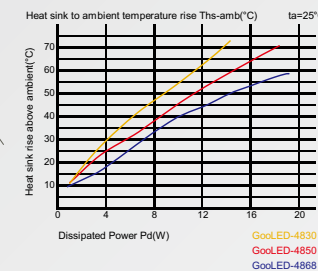
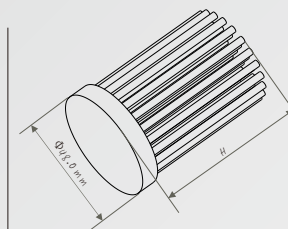
Compatible with more than 20 COB brands.
Covering almost 100% of modules

With 15% higher efficiency in heat dissipation than normal star heatsinks

Use AL1070 material by 30% lighter weight with high efficient heat dissipation

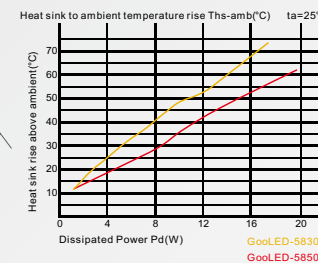
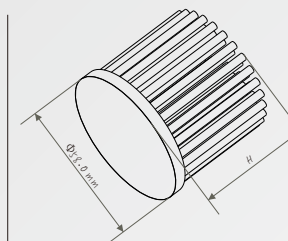
GooLED-48

- Size: H30/50/68/80mm
- Material: AL1070
- Finish: Black/Clear Anodized
- TW(max): 13.5W
- TR: 3.70~5.60°C/W



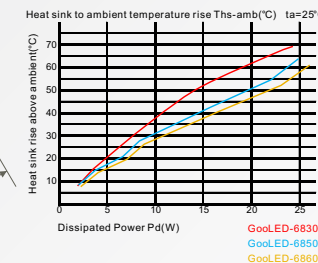
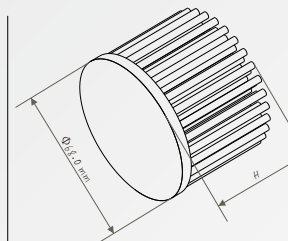
GooLED-58

- Size: H30/50/80mm
- Material: AL1070
- Finish: Black/Clear Anodized
- TW(max): 15.0W
- TR: 3.30~4.50°C/W



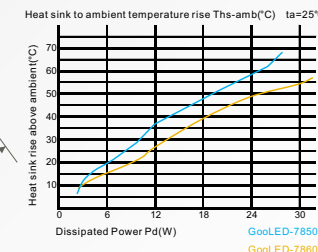
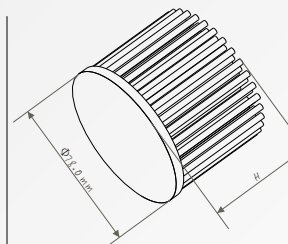
GooLED-68

- Size: H30/50/60/80mm
- Material: AL1070
- Finish: Black/Clear Anodized
- TW(max): 20.0W
- TR: 2.50~3.50°C/W

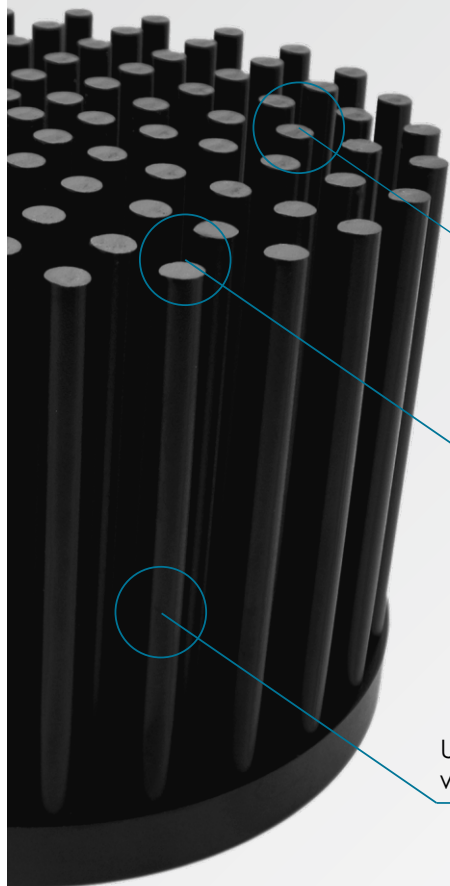


GooLED-78

- Size: H30/50/80mm
- Material: AL1070
- Finish: Black/Clear Anodized
- TW(max): 24.0W
- TR: 2.10~2.70°C/W



GooLED coolers



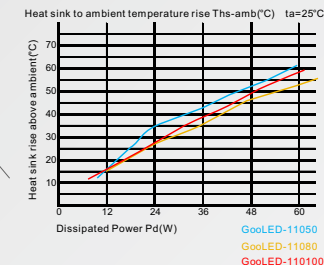
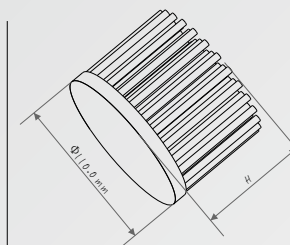
Compatible with more than 20 COB brands.
Covering almost 100% of modules

With 15% higher efficiency in heat dissipation than normal star heatsinks

Use AL1070 material by 30% lighter weight with high efficient heat dissipation

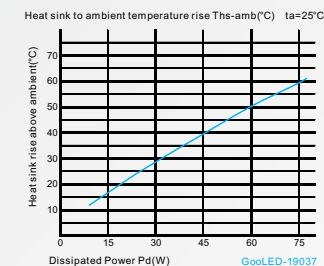
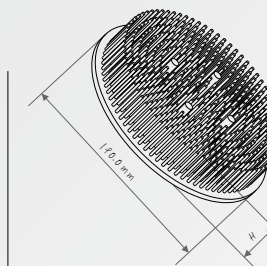
GooLED-110

- Size: H50/80/100mm
- Material: AL1070
- Finish: Black/Clear Anodized
- TW(max): 50.5W
- TR: 0.92~1.30°C/W



GooLED-190

- Size: H37mm
- Material: AL1070
- Finish: Black/Clear Anodized
- TW(max): 60.0W
- TR: 0.83°C/W



SimpoLED coolers

Fan, drivers and others can be installed on top if needed

Customized holes

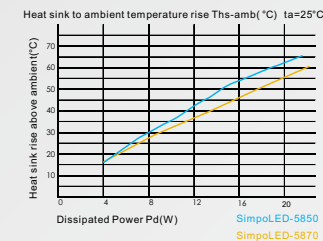
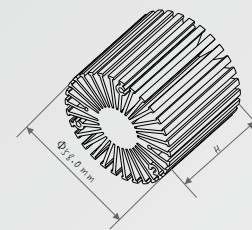
Screw holes can be drilled on the bottom and side

AL6063-T5 material

Wide range for thermal power,
Min 12.2w, Max 120w

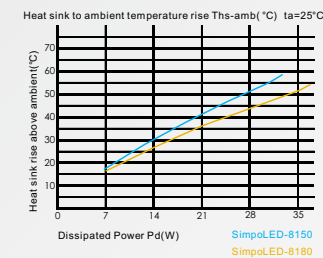
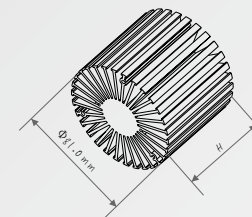
SimpoLED-58

- Size: H50/70mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 15.5W
- TR: 2.90~3.70°C/W



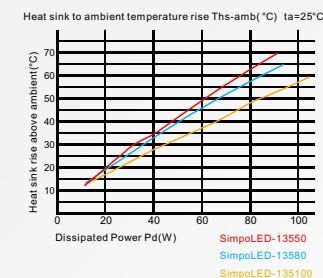
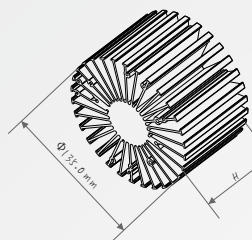
SimpoLED-81

- Size: H50/80mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 31.2W
- TR: 1.60~1.90°C/W



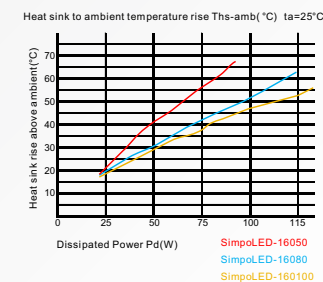
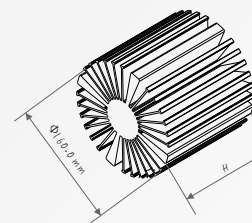
SimpoLED-135

- Size: H50/80/100mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 84.0W
- TR: 0.71~0.83°C/W



SimpoLED-160

- Size: H80/100/150mm
- Material: AL6063-T5
- Finish: Black/Clear Anodized
- TW(max): 120.0W
- TR: 0.50~0.70°C/W



HibayLED coolers

Compatible with more than 20 COB/PCB brands

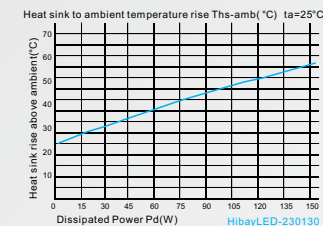
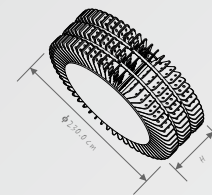
Screw holes can be drilled on the bottom and side

Cutting-edge cooling technology,
No fan, No Copper

30% lighter weight ,30% smaller volume
than normal heat sink

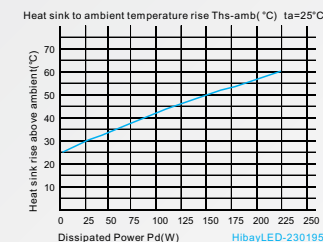
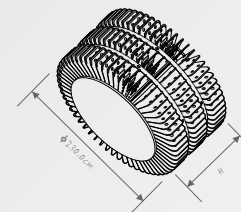
HibayLED-230130

- Size: H130mm
- Material: AL1070
- Finish: Clear Anodized
- TW(max): 150W
- TR: 0.34°C/W



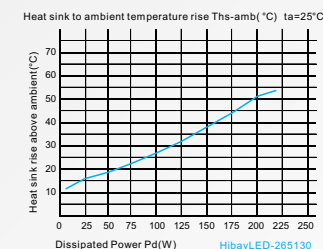
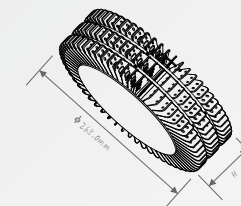
HibayLED-230195

- Size: H195mm
- Material: AL1070
- Finish: Clear Anodized
- TW(max): 200W
- TR: 0.25°C/W



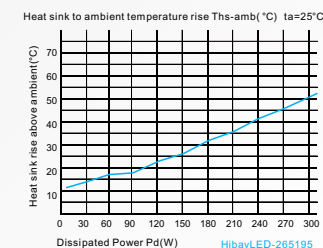
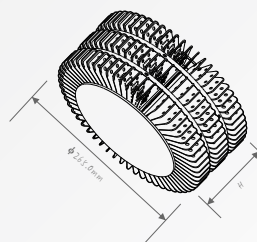
HibayLED-265130

- Size: H130mm
- Material: AL1070
- Finish: Clear Anodized
- TW(max): 200W
- TR: 0.26°C/W



HibayLED-265195

- Size: H195mm
- Material: AL1070
- Finish: Clear Anodized
- TW(max): 250W
- TR: 0.22°C/W



HibayLED coolers

Compatible with more than 20 COB/PCB brands

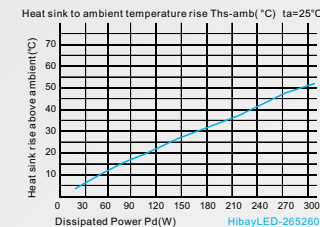
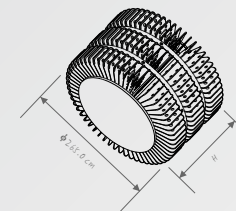
Screw holes can be drilled on the bottom and side

Cutting-edge cooling technology,
No fan, No Copper

30% lighter weight ,30% smaller volume
than normal heat sink

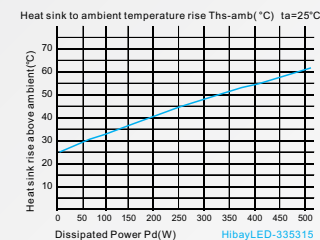
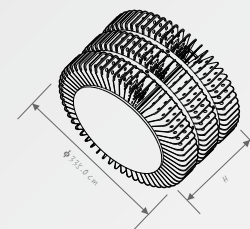
HibayLED-265260

- Size: H260mm
- Material: AL1070
- Finish: Clear Anodized
- TW(max): 300W
- TR: 0.18°C/W



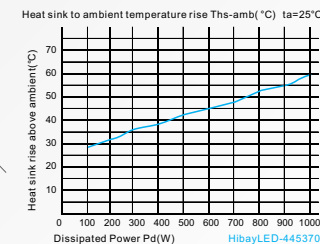
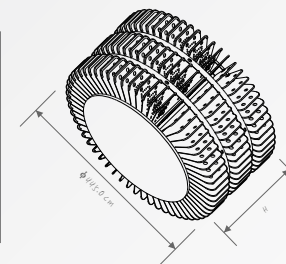
HibayLED-335315

- Size: H315mm
- Material: AL1070
- Finish: Clear Anodized
- TW(max): 500W
- TR: 0.11°C/W

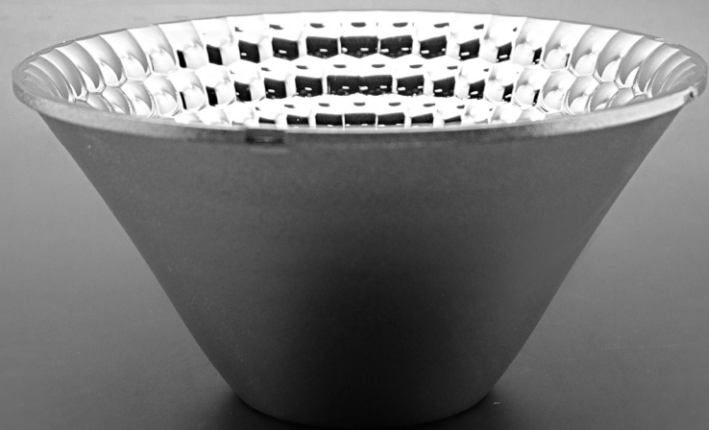


HibayLED-445370

- Size: H370mm
- Material: AL1070
- Finish: Clear Anodized
- TW(max): 1000W
- TR: 0.07°C/W



Reflector series



Highlighted electroplated reflector,
reflectivity higher than 97%



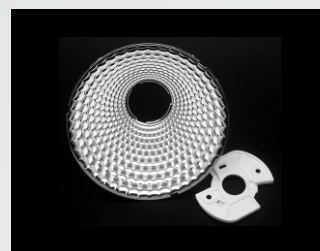
JTK42xx-RE-K

- Brand: Mingfa Tech
- Model: JTK42xx-RE-K
- Dia: 42.0mm
- Height: 25.4mm
- Beam Angle: 18°24°36°60°
- Material: PC



JTK45xx-RE-K

- Brand: Mingfa Tech
- Model: JTK45xx-RE-K
- Dia: 45.0mm
- Height: 27.3mm
- Beam Angle: 17°24°40°60°
- Material: PC



JTK50xx-RE-K

- Brand: Mingfa Tech
- Model: JTK50xx-RE-K
- Dia: 50.0mm
- Height: 30.7mm
- Beam Angle: 15°24°36°60°
- Material: PC



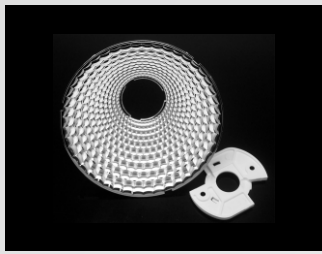
JTK69xx-RE-K

- Brand: Mingfa Tech
- Model: JTK69xx-RE-K
- Dia: 69.0mm
- Height: 36.1mm
- Beam Angle: 24°40°60°
- Material: PC



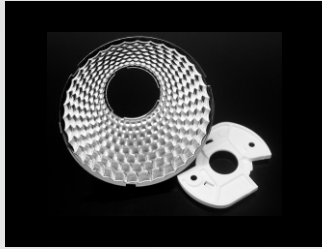
JTK75xx-RE-K

- Brand: Mingfa Tech
- Model: JTK75xx-RE-K
- Dia: 75.0mm
- Height: 44.4mm
- Beam Angle: 15°24°40°60°
- Material: PC



JTK85xx-RE-K

- Brand: Mingfa Tech
- Model: JTK85xx-RE-K
- Dia: 85.0mm
- Height: 44.4mm
- Beam Angle: 24°40°60°
- Material: PC



JTK92xx-RE-K

- Brand: Mingfa Tech
- Model: JTK92xx-RE-K
- Dia: 92.0mm
- Height: 44.3mm
- Beam Angle: 24°40°60°
- Material: PC



JTK95xx-RE-K

- Brand: Mingfa Tech
- Model: JTK95xx-RE-K
- Dia: 95.0mm
- Height: 66.4mm
- Beam Angle: 15°24°38°
- Material: PC



JTK110xx-RE-K

- Brand: Mingfa Tech
- Model: JTK110xx-RE-K
- Dia: 110.0mm
- Height: 44.3mm
- Beam Angle: 24°40°60°
- Material: PC

Reflector series are compatible with the branded LED module types listed as below:

- Tridonic: S17 Series.
- Sharp: 2024 Series.
- Osram: P13, S13, S19 Series.
- Samsung: S13, S21 Series.
- Luminus: CXM-14, CXM-18 Series.
- Seoul: ZC12, ZC18, ZC25, ZC40 Series.

- LumiLEDs: 1204, 1205, 1208, 1211 Series.
- Bridgelux: Vero10, Vero13; V15, V18 Series
- CREE: CXA15xx, CXA18xx, CXA25xx Series.
- Edison: HM05-18D, SL09, HM1630, HM40D, SL30 Series
- Citizen: CLL030, CLL630, CLL730, CLL720, CLL163, CLL173 Series.
- Lustrous: CCN09F-30F, LL604-620F, LL708-730F, CCH14-18 Series.

POWER Supply

8w

No Dimmable
Size: 98*39*22mm



Model	Input Voltage(V)	Out put current (mA)	Tol.	Out put Voltage (V)	PF	Effi.	IP	Approval
08-12070	220-240	700	±5%	8-12	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV
08-16050	220-240	500	±5%	8-16	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV
08-23035	220-240	350	±5%	14-23	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV
08-30025	220-240	250	±5%	20-30	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV

12w

No Dimmable
Size: 98*36*22mm



Model	Input Voltage(V)	Out put current (mA)	Tol.	Out put Voltage (V)	PF	Effi.	IP	Approval
12-17070	220-240	700	±5%	8-17	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV
12-24050	220-240	500	±5%	14-24	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV
12-34035	220-240	350	±5%	24-34	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV
12-40025	220-240	250	±5%	30-40	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV

18w

No Dimmable
Size: 108*43*24.5mm



Model	Input Voltage(V)	Out put current (mA)	Tol.	Out put Voltage (V)	PF	Effi.	IP	Approval
18-26070	220-240	700	±5%	16-26	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV
18-36050	220-240	500	±5%	26-36	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV
18-40035	220-240	350	±5%	30-40	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV
18-65030	220-240	300	±5%	45-65	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV

POWER Supply

30w

No Dimmable

Size: 108*43*24.5mm
140*48*28mm



Model	Input Voltage(V)	Out put current (mA)	Tol.	Out put Voltage (V)	PF	Effi.	IP	Approval
30-40080	220-240	800	±5%	30-40	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV
30-32090	220-240	900	±5%	23-32	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV
30-29105	220-240	1050	±5%	20-30	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV

40w; 50w

No Dimmable

Size: 140*48*28mm



Model	Input Voltage(V)	Out put current (mA)	Tol.	Out put Voltage (V)	PF	Effi.	IP	Approval
40-40105	220-240	1050	±5%	30-40	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV
50-40110	220-240	1100	±5%	30-40	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV
50-40120	220-240	1200	±5%	30-40	>0.9	80%-85%	IP 20	CE/CB/SAA/TUV

15w;20w;40w

Triac Edge Dimmable

Size: 80*38*21mm
95*41*26mm
115*54.5*29mm



Model	Input Voltage(V)	Out put current (mA)	Tol.	Out put Voltage (V)	PF	Effi.	IP	Approval
AL-D1542	100-132	100-300	±5%	18-42	>0.9	80%-85%	IP 20	CSA
AL-D2042	100-132	150-400	±5%	18-42	>0.9	80%-85%	IP 20	CSA
AL-D4042	100-132	450-800	±5%	18-42	>0.9	80%-85%	IP 20	CSA

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