



# Mingfa Tech Manufacturing Limited

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Mingfa Tech's LED Cooler Series		Some Specifications for Mingfa Tech's standard LED Coolers						Unique Advantages of Mingfa Tech's LED Coolers
Series	Pictures	Item No.	Diameter (mm)	Height (mm)	Thermal Resistance	Thermal Max Wattage	N.W	
EtraLED Star Coolers	<p>EtraLED coolers</p> <p>LED Thermal solution</p>	EtraLED-48	φ48mm	20mm	6.25°C/W	8W	53.3g	1. With diameters <b>2mm~4mm smaller</b> than competitors' star heatsinks. 2. With around <b>10% more</b> cooling surfaces than competitors' star heatsinks. 3. At least <b>2 or 4</b> fins for side mounting options, more flexible assembly than competitors' star heatsinks. 4. Compatible with over <b>20</b> branded LED modules, <b>more optional self-tapping holes</b> than competitors' star heatsinks.
				50mm	4.2°C/W	12W	134g	
				80mm	3.6°C/W	14W	213g	
		EtraLED-70	φ70mm	20mm	3.57°C/W	14W	77g	
				50mm	2.2°C/W	22.9W	192g	
				80mm	1.8°C/W	28.1W	308g	
		EtraLED-85	φ85mm	20mm	2°C/W	25W	115G	
				50mm	1.5°C/W	34W	286g	
				80mm	1.3°C/W	38W	458g	
		EtraLED-96	φ96mm	20mm	1.8°C/W	28W	144g	
				50mm	1.2°C/W	37.5W	360g	
		EtraLED-110	φ110mm	20mm	1.5°C/W	33W	165g	
				50mm	1.1°C/W	48W	414g	
		EtraLED-130	φ130mm	80mm	0.9°C/W	57W	662g	
20mm	1.1°C/W			42W	274g			
50mm	0.9°C/W			56.5W	684g			
80mm	0.7°C/W			70.6W	1108g			
GooLED Pin Fin Coolers	<p>Once the tilting angle designs over 50°, the pin fin heat-sinks keeps on good heat dissipation than others.</p>	GooLED-48	φ48mm	30mm	5.6°C/W	8.8W	46g	1. With <b>5%</b> smaller diameters than competitors' pin fin heatsinks. 2. With around <b>5%</b> Lighter-weight than competitors' pin fin heat sinks. 3. With around <b>10%</b> higher efficiency in heat dissipation than competitors' pin fin heat sinks. 4. Compatible with over <b>20</b> branded LEDs, optional mounting holes.
				50mm	4.2°C/W	12W	63g	
				68mm	3.7°C/W	13.5W	91g	
		GooLED-58	φ58mm	30mm	4.5°C/W	11.2W	79g	
				50mm	3.3°C/W	15W	114g	
		GooLED-68	φ68mm	30mm	3.5°C/W	14.W	107g	
				50mm	2.7°C/W	18.5W	153g	
				60mm	2.5°C/W	20W	176g	
		GooLED-78	φ78mm	30mm	2.7°C/W	18.2W	138g	
				50mm	2.1°C/W	24W	197g	
GooLED-110	φ110mm	50mm	1.3°C/W	39W	463g			
		80mm	0.92°C/W	50.5W	617g			

(To be continued)



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BuLED MR16 Coolers		XSA-390-M3-B-N	φ50mm	30mm	4.2°C/W	12W	75g	1. For branded COBs in higher wattage up to <b>15w</b> . 2. <b>Higher</b> CRI, Higer lumens than traditional MR16. 3. <b>Better</b> beam- focusing ,more <b>aesthetic</b> appearance than traditional MR16. 4. Compatible with more than <b>20</b> brands of LED COBs.
		XSA-391-M3-B-N	φ50mm	50mm	3.7°C/W	15W	93g	
		XSA-388-M3-B-N	φ50mm	30mm	4.2°C/W	12W	75g	
		XSA-389-M3-B-N	φ50mm	50mm	3.7°C/W	15W	93g	
SimpoleD Coolers		SimpoleD-58	φ58mm	50mm	3.7°C/W	12.2W	174g	1. With full ranges of diameters <b>58mm~160mm</b> . 2. Small diameter for low power less than <b>50W</b> . 3. In 160mm diameter for <b>High bay 50W~120W, without fans</b> . 4. Compatible with more than <b>20</b> brands of LED modules. 5. <b>Simple</b> design style but <b>more aesthetic</b> appearance than normal heatsinks.
				70mm	2.9°C/W	15.5W	244g	
		SimpoleD-81	φ81mm	50mm	1.9°C/W	26.5W	318g	
				80mm	1.6°C/W	31.2W	508g	
		SimpoleD-117	φ117mm	50mm	0.92°C/W	49.2W	484g	
				80mm	0.8°C/W	60.7W	774g	
		SimpoleD-135	φ135mm	50mm	0.83°C/W	60.3W	638g	
				80mm	0.71°C/W	69.8W	1020g	
		SimpoleD-160	φ160mm	50mm	0.7°C/W	70W	1052g	
				100mm	0.6°C/W	100W	2104g	
150mm	0.5°C/W			120W	3155g			
High Bay LED Coolers	<p>High-power phase transition LED Cooler</p> <p>120W-1000W</p>	HibayLED-230	φ230mm	126mm	0.34°C/W	150W	1590g	1. <b>0</b> thermal resistance, <b>no fan, no cooper</b> . 2. For High-bay LED modules <b>120W~1000W</b> . 3. With <b>30%</b> smaller volume than competitors' heatsinks. 4. With <b>30%</b> lighter weight than competitors' heatsinks.
				192mm	0.25°C/W	200W	2290g	
		HibayLED-330	φ330mm	316mm	0.11°C/W	500W	5700g	5. With <b>20</b> times in heat conduction speed than cooper. 6. Compatible with more than <b>20</b> brands of LED modules.