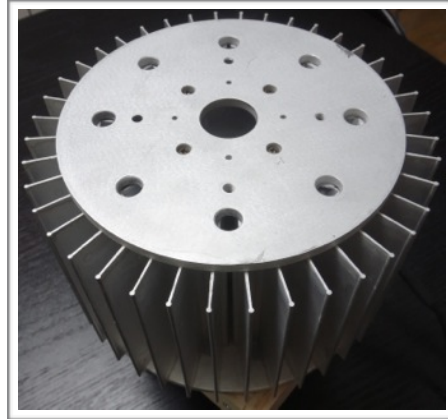




AI Vapor Chamber heat sink for 200W high power LED in Natural Convection



Advantages

- **AI vapor chamber technology** design
- **Lighter weight** and **smaller size**
- **30% faster** heat transfer by using R436a refrigerant
- 100% aluminium, **100% recyclable**
- Made from **CAB brazing process** for stronger structural

200 W High power LED test data (ALVC heat sink with extension fins)

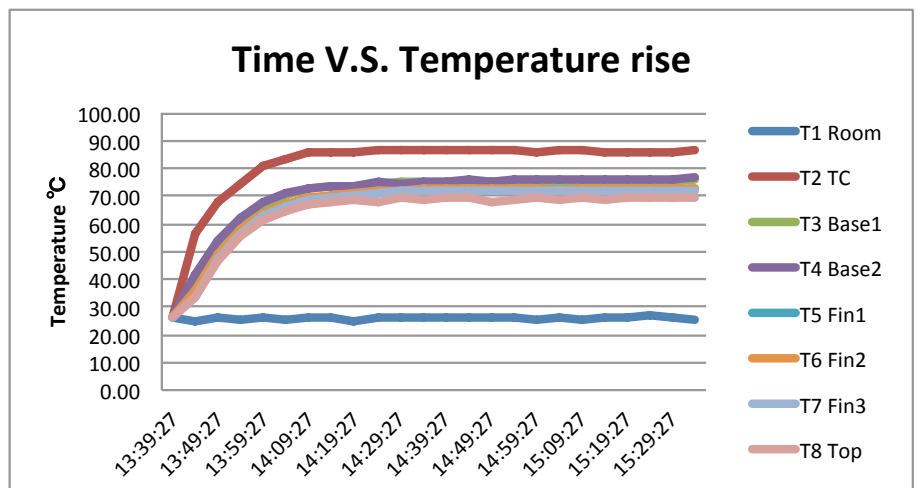
Test Point	Room	Chip	Base 1.	Base 2.	Fin 1.	Fin 2.	Fin 3.	On Top	Δ T	
	T1	T2	T3	T4	T5	T6	T7	T8	T-fin	T-sys.
°C	26.16	86.43	75.21	75.7	72.05	72.59	71.96	69.14		
Avg.			75.45		72.2				0.62	3.25

Specification

- D 182mm x H 200mm
- Weight : 2850 g
- Coolant: **R436a** *1
- 100% aluminium
- RoHS compliant

Application

- High specification down lighting
- High profile architectural lighting
- Street lighting
- Stage lighting
- High-Bay lighting



*1 To make our effort to keep the earth green, we had changed the cooling fluid from R134a to R435a which reduces GWP down to 3 (GWP for R134a is 1,430). We will continually do our best effort to provide the environment friendly products.