COOLTRON®

180W SMD LED Lighting Heat Sink

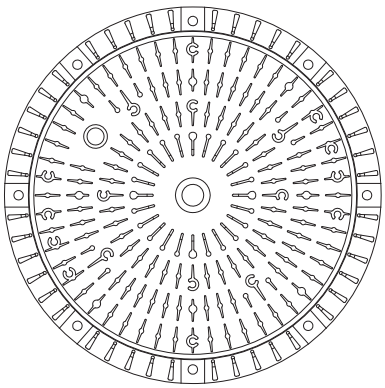
Features :

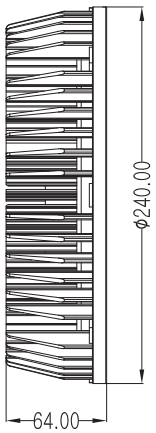
- Best Cost/Performance Custom Thermal Solution for 180W SMD LED Lighting; Thermal Resistance 0.18~0.40℃/W
- Most Optimum Surface Area and Heat Sink Designs for Best Heat Dissipation and Budget Affordability
- Pure Aluminum AL1070 Made by Cold-Forging Techniques much better than Conventional Extrusion or Die-Casting Techniques; Superior Thermal Conductivity - 238W/(m*K)
- Flexible Adaption with Multiple Choices of SMD LED Modules 3030 and etc
- Advanced Surface Treatment & Custom Color Options: Anodized Black or Clear; Electrophoresis Black
- Great Varieties of Applications: High Bay Light, Down Light, Flood Light, Street Light, Grow Light, etc

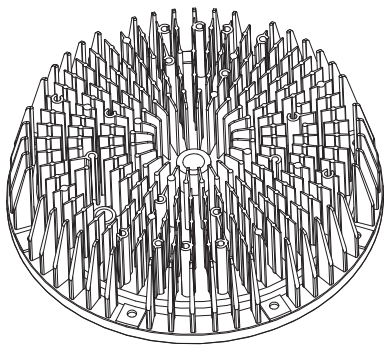
Product Information :

Model Number: DG240-150-001
Cooling Surface(mm²) : 430749
Thermal Resistance(℃/W): 0.18~0.40
Weight: 1.3 kgs/2.84 lbs
Dimension (mm): ∮240X64
Cooling Performance (lm): 18000~21600
Dissipated Power (W): 150~180
Material: AL1070
Surface Treatment Options: Anodized Black or Clear; Electrophoresis Black

180W Heat Sink Dimensions:

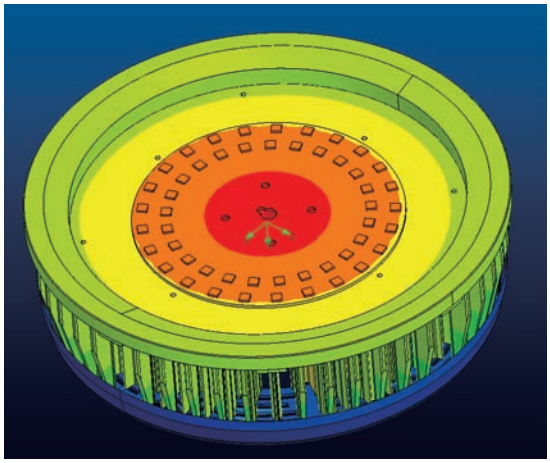






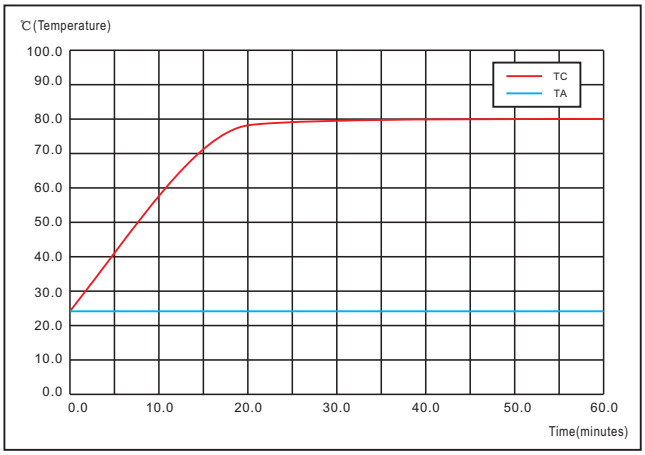
Heat Dissipation Simulation :

Simulation under SMT Chip Model# 3030



Power =180W: Ta=25 Tc=80 △T=55 Rca=0.3℃/W

Temperature Rise Curve :



Model Number	LED Power (W)	Ambient Temperature Ta (°C)	Heat Sink Temperature Tc (°C)	Temperature Rise △T (°C)	Thermal resistance Rca (°C/W)	Angle of LED Simulator
DG240-150-001	180	25	80	55	0.3	90°

Applications:

A great variety of applications in High Bay Light, Down Light, Flood Light, Street Light, Sports Light, and more.

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