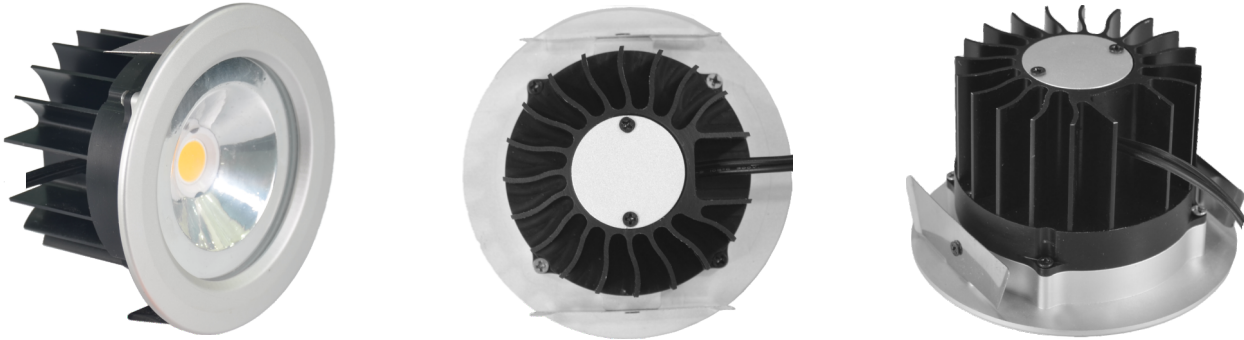


15~25W COB LED Down Light Heat Sink Module (3") DG091-020-001



Features :

- Best Thermal Performance for 15~25W COB LED (Recessed) Down Light/Track Light Application
- Integral Whole Design: Heat Sink and LED Driver Power Cables Conduit Box
- Best Fit Most Popular COB LED Brands: Cree CXB2530 / Citizen CLU038 / Bridgelux V18 / Samsung LC030C; Thermal Resistance 2.0~3.5°C/W
- Cold-Forging Benefits: Lower Fin Height, Lighter Weight, and Down Size
- Better Thermal Conductive Aluminum AL1070 Material Than Extrusion AL6061 or Die-Casting ADC12
- Advanced Surface Treatment for Best Corrosion Protection
- Great Varieties of LED Lighting Applications

Product Information:

Model Number: DG091-020-001

Dimension (mm): Ø91x54.96

Cooling Surface(mm²): 57,020

Cooling Performance (lm): 1,800~2,400

Thermal Resistance(°C/W): 2.0~3.5

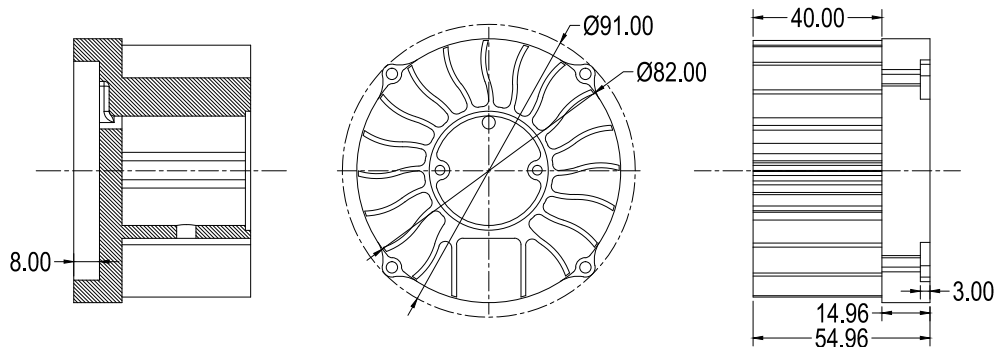
Dissipated Power (W): 15W~25W

Weight: 0.252 kgs/0.56 lbs

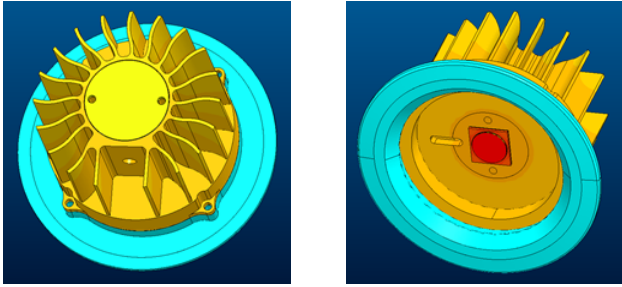
Material: AL1070 Aluminum

Surface treatment options: Anodized Black or clear; Electrophoresis Black

DG091-020-001 Dimensions:



Heat Dissipation Simulation:



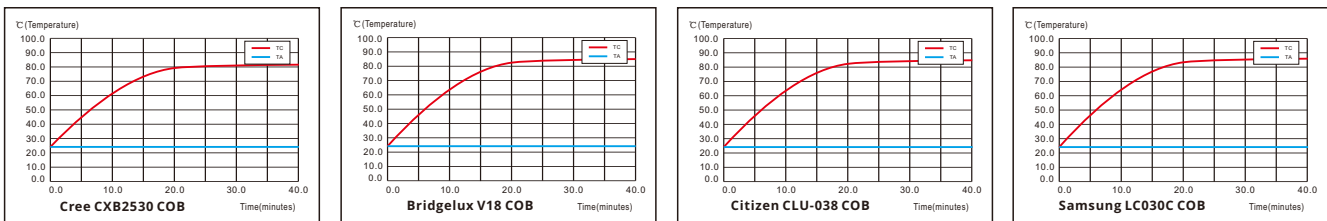
Applications:

A great variety of applications in Recessed Down Light, Track Light, Spot Light and more



Temperature Rise Curve:

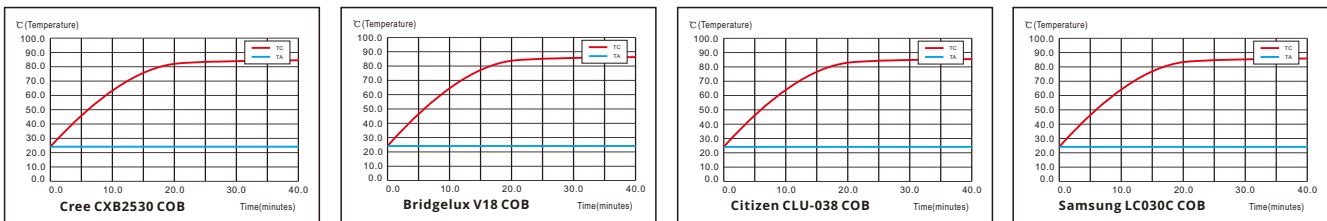
(Test Condition: With Glass Cover only)



COB	LED Power (W)	Ambient Temperature Ta (°C)	COB Case Temperature Tc (°C)	Temperature Rise ΔT (°C)	Thermal resistance Rc-a (°C/W)	Angle of LED Simulator
Cree CXB2530	25	25	81.8	56.8	2.27	90°
Bridgelux V18	25	25	84.8	59.8	2.39	90°
Citizen CLU-038	25	25	83.7	58.7	2.34	90°
Samsung LC030C	25	25	86.5	61.5	2.46	90°

Temperature Rise Curve:

(Test Condition: Wood Box + Heat Insulation Foam + Metal Enclosure Box + Glass Cover)



COB	LED Power (W)	Ambient Temperature Ta (°C)	COB Case Temperature Tc (°C)	Temperature Rise ΔT (°C)	Thermal resistance Rc-a (°C/W)	Angle of LED Simulator
Cree CXB2530	20	25	84.5	59.5	2.97	90°
Bridgelux V18	20	25	86.5	61.5	3.08	90°
Citizen CLU-038	20	25	85.5	60.5	3.02	90°
Samsung LC030C	20	25	86.8	61.8	3.09	90°