MechaTronix Luminus Modular Passive Star LED Cooler Instructions
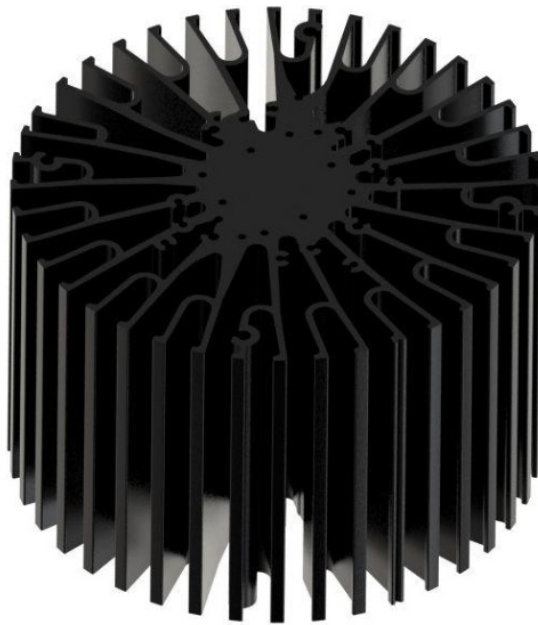
Contents

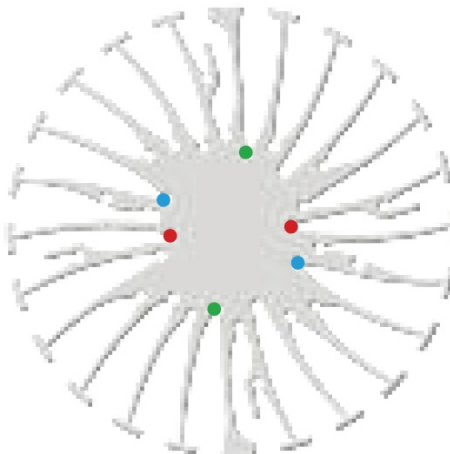**MechaTronix Luminus Modular Passive Star LED Cooler**

ModuLED | Luminus Modular Passive Star LED Cooler ø99mm

Mounting Instruction

Patented, high performance Luminous LEDs are the brightest and most versatile solid state light sources available today, redefining the solid state lighting landscape by enabling the adoption of LED technology into emerging markets. Luminous technology is used in commercial and industrial lighting fixtures, theatrical lighting, projectors, signs, medical equipment, UV curing… just about anywhere a bright, efficient, reliable, long-life light source is needed.

Mounting indicator marks overview

MechaTronix recommends the use of a high thermal conductive interface between the LED module and the LED cooler. Either thermal grease, a thermal pad or a phase change thermal pad thickness 0.1-0.15mm is recommended. Thermal pads or phase change thermal pads can be pre-applied from MechaTronix.

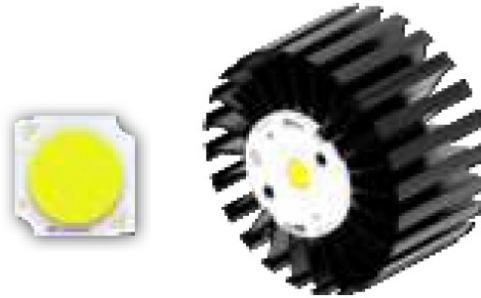**Luminus Gen 4 COB Array**
Model names

- CXM-9 (AC)

Mounting

- With Zahra Book 3 LED holder

  Bender+ Wirth 634a

  Mounting with 2 self tapping screws M3 x 6mm Green indicator marks

Luminus Gen 4 COB Array
Model names

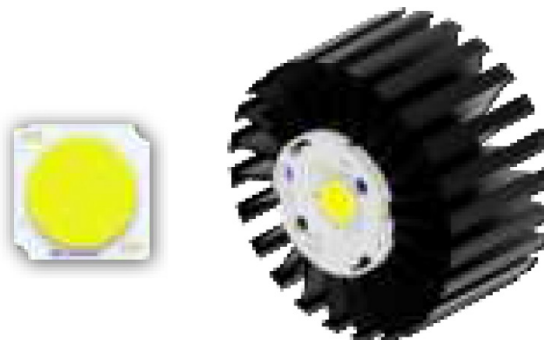- CIM-14
- CLM-14
- CXM-14 (AC)
- CGM-14

Mounting

- Direct mounting with 2 self tapping screws M3 x 6mm Red indicator marks
- With Zahra Book 3 LED holder

  BJB spotlight connector 47.319.2021

  Bender+ Wirth 633a

  TE Connectivity Lumazine type Z50 2213254 Mounting with 2 self tapping screws M3 x 6mm Green indicator marks

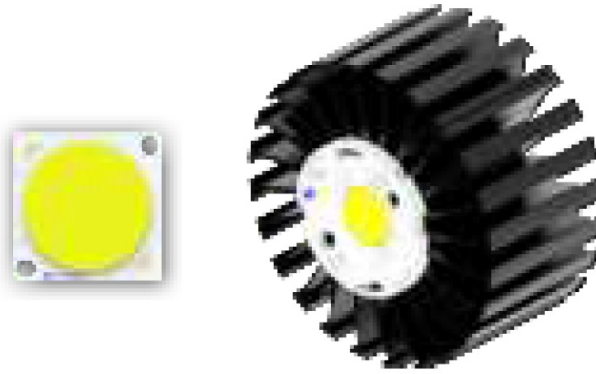## Luminus Gen 4 COB Array
Model names

- CXM-18

Mounting

- With Zhaga Book 3 LED holder

  BJB spotlight connector 47.319.2281 Mounting with 2 self tapping screws M3 x 6mm Green indicator marks
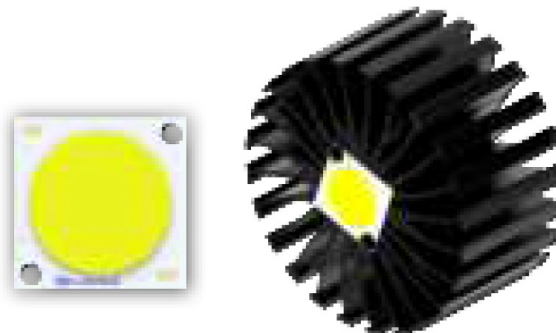
Luminus Gen 4 COB Array

Model names

- CIM-22
- CLM-22
- CXM-22

Mounting

- Direct mounting with 2 self tapping screws M3 x 6mm Blue indicator marks
- With Zhaga Book 3 LED holder

  BJB spotlight connector 47.319.2033

  Bender+Wirth 631a

  Mounting with 2 self tapping screws M3 x 6mm Green indicator marks
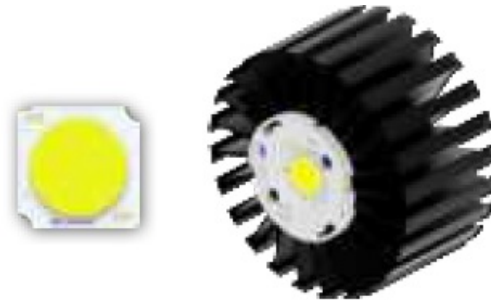
Luminus Gen 3 COB Array
Model names

- CXM-11 (AC)
- CIM-14 (AC)
- CLM-14 (AC)
- CXM-14 (AC)

Mounting

- Direct mounting with 2 self tapping screws M3 x 6mm Red indicator marks

- With Zhaga Book 3 LED holder

  BJB spotlight connector 47.319.2021

  Bender+Wirth 633a

  TE Connectivity Lumawise type Z50 2213254 Mounting with 2 self tapping screws M3 x 6mm Green indicator marks
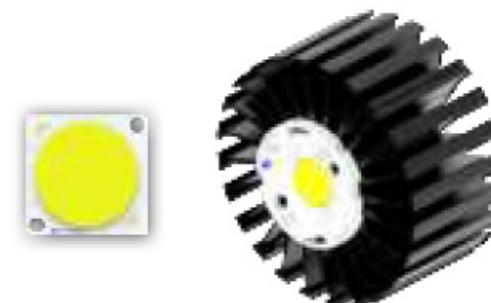

Luminus Gen 3 COB Array
Model names

- CXM-18 (AA)

Mounting

- With Zhaga Book 3 LED holder

  BJB spotlight connector 47.319.2281 Mounting with 2 self tapping screws M3 x 6mm Green indicator marks
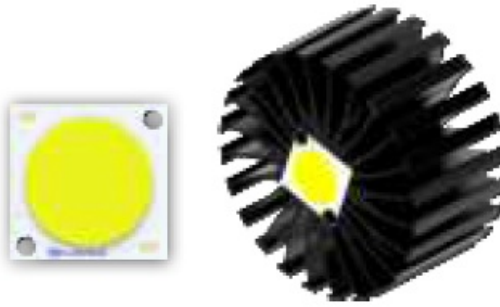

Luminus Gen 3 COB Array
Model names

- CLM-22 (AC)
- CXM-22 (AC)

Mo1unting

- Direct mounting with 2 self tapping screws M3 x 6mm Blue indicator marks
- With Zhaga Book 3 LED holder

  BJB spotlight connector 47.319.2033

  Bender+Wirth 631a

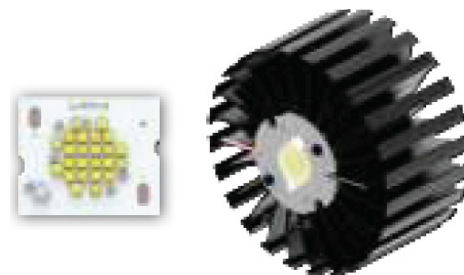 Mounting with 2 self tapping screws M3 x 6mm Green indicator marks

Luminus Dynamic COB Warm Dimming Modules

Model names

- CDM-14
- CDM-18

Mounting

- With Zhaga Book 3 LED holder
  BJB spotlight connector 47.360.5090
  Bender+Wirth 491 Typ L8
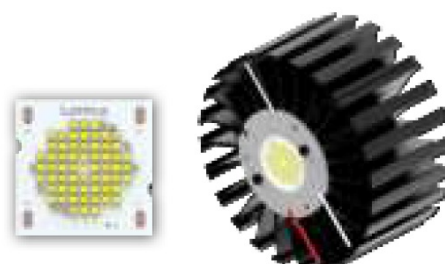 Mounting with 2 self tapping screws M3 x 6mm Green indicator marks

Luminus Dynamic COB Two Channel CCT Tunable Modules

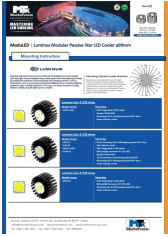## Model names

- CTM-22

Mounting

- With Zhaga Book 3 LED holder
  Bender+Wirth 494 Typ Z1
  Mounting with 2 self tapping screws M3 x 6mm Green indicator marks

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Documents / Resources

MechaTronix Luminus Modular Passive Star LED Cooler [pdf] Instructions
Luminus Modular Passive Star LED Cooler, Passive Star LED Cooler, Star LED Cooler, Luminus Modular LED Cooler, LED Cooler

References

- **MechaTronix LED Coolers**