

ø47 x H40 / 60 (mm)
 Rth 5.0 - 4.17 °C/W
 Power Pd 10 - 12 W

MORE PRODUCT DETAILS

CoolStar® 47 Designer series Cree XLamp LED Star Cooler ø47mm

Mounting Instructions



Cree XLamp® LEDs deliver the industry's best lighting-class performance and are application-optimized to enable the lowest system cost.

Cree's new CXA LED Arrays deliver high lumen output and efficacy in a family of single, easy-to-use components. Optimized to simplify designs and lower system cost, Cree's CXA LED arrays are available in system level performance from 300 to over 16,000 lumens and can enable applications ranging from GU10s and commercial downlights to outdoor area lighting and high-bay lighting.

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.



Cree XLamp CXA13 / CXB13 LED Array



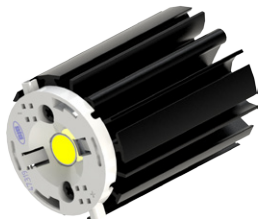
Model names

- CXA1304-xxxx
- CXB1304-xxxx

Mounting

- With Zhaga Book 11 LED holder
- BJB Spotlight connector 47.319.6120
- Ideal Industries Chip-Lok™ holder 50-2000CR
- Mounting with 2 screws M3 x 6mm
- Orange indicator marks

Cree XLamp CXA15 / CXB15 LED Array



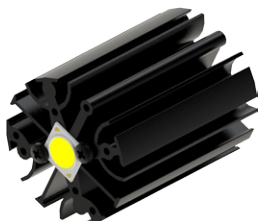
Model names

- CXA1507-xxxx
- CXB1507-xxxx

Mounting

- With Zhaga Book 11 LED holder
- BJB Spotlight connector 47.319.6101
- Ideal Industries Chip-Lok™ holder 50-2001CR
- Mounting with 2 screws M3 x 6mm
- Orange indicator marks

Cree XLamp CMT14 LED Array

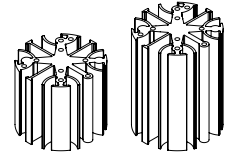
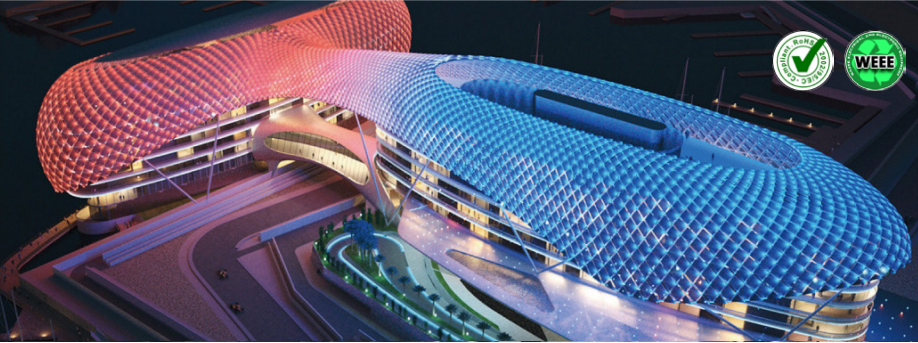


Model names

- CMT1407
- CMT1412

Mounting

- Direct mounting with 2 screws M3 x 6mm
- Red indicator marks
- With Zhaga Book 11 LED holder
- TE Connectivity Lumawise type Z35 2213678
- Mounting with 2 screws M3 x 6mm
- Orange indicator marks
- With Zhaga Book 3 LED holder
- Bender+Wirth Hybrid holder 634a available with different housings
- Mounting with 2 screws M3 x 6mm
- Green indicator marks

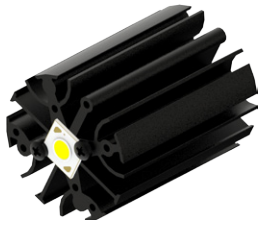


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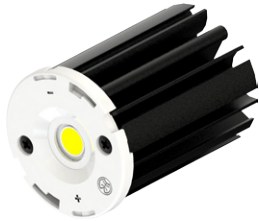
Cree XLamp CMA13 LED Array

Model names

- CMA1303

Mounting

- Direct mounting with 2 screws M3 x 6mm
Red indicator marks
- With Zhaga Book 3 LED holder
Bender+Wirth Hybrid holder 634c available with different housings
Mounting with 2 screws M3 x 6mm
Green indicator marks



Cree XLamp CMA15 LED Array

Model names

- CMA1516

Mounting

- With Zhaga Book 3 LED holder
Bender+Wirth Hybrid holder 641a available with different housings
Mounting with 2 screws M3 x 6mm
Green indicator marks