

ø134 x H20 / 50 / 100 (mm)
Rth 1.32 - 0.88 - 0.67 °C/W
Power Pd 38 - 57 - 75 W

[MORE PRODUCT DETAILS](#)

ModuLED Mega | Cree XLamp Modular Passive Star LED Cooler ø134mm

Mounting Instruction

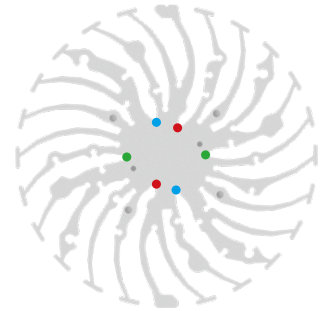


Cree XLamp® LEDs deliver the industry's best lighting-class performance and are application-optimized to enable the lowest system cost.

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 CXA18 / CXB18 LED Array

Model names

- CXA1816-xxxx
- CXB1816-xxxx
- CXA1820-xxxx
- CXB1820-xxxx
- CXA1830-xxxx
- CXB1830-xxxx
- CXA1850-xxxx

Mounting

- With Zhaga Book 3 LED holder
BJB Spotlight connector 47.319.2131 (CXA/CXB1830 excluded)
Ideal Industries Chip-Lok™ holder 550-2101CR
TE Connectivity Lumawise type Z50 2213401-1
TE Connectivity Lumawise type Z50 2213401-2
Mounting with 2 self tapping screws M3 x 8mm
Green indicator marks



Cree XLamp CXA25 / CXB25 LED Array

Model names

- CXA2520-xxxx
- CXA2530-xxxx
- CXB2530-xxxx
- CXA2540-xxxx
- CXB2540-xxxx
- CXA2590-xxxx

Mounting

- With Zhaga Book 3 LED holder
BJB Spotlight connector 47.319.2141
Ideal Industries Chip-Lok™ holder 50-2102CR
TE Connectivity Lumawise type Z50 2213407-1
TE Connectivity Lumawise type Z50 2213407-2
Mounting with 2 self tapping screws M3 x 8mm
Green indicator marks



Cree XLamp CXA30 / CXB30 LED Array

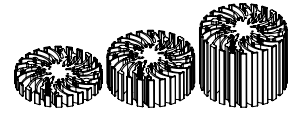
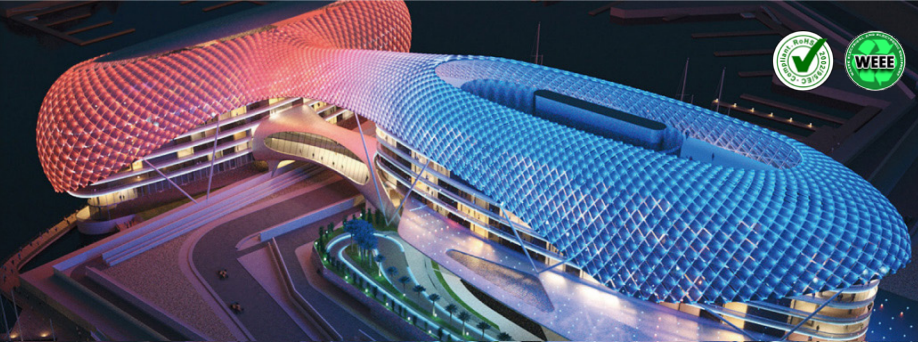
Model names

- CXA3050-xxxx
- CXB3050-xxxx
- CXA3070-xxxx
- CXB3070-xxxx

Mounting

- With Zhaga Book 3 LED holder
BJB Spotlight connector 47.319.2151
Ideal Industries Chip-Lok™ holder 50-2234C
Mounting with 2 self tapping screws M3 x 8mm
Green indicator marks



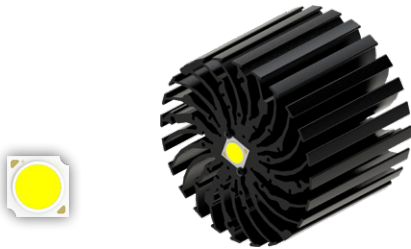


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Mounting Instruction



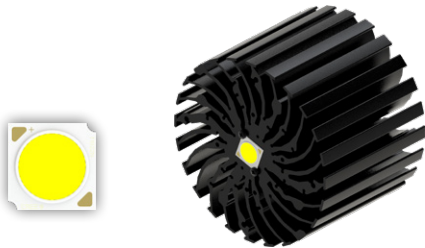
Cree XLamp CMT14 LED Array

Model Names

- CMT1420

Mounting

- With Zhaga Book 3 LED holder
 Bender+Wirth Hybrid holder 634a available with different housings
 Mounting with 2 self tapping screws M3 x 8mm
 Green indicator marks



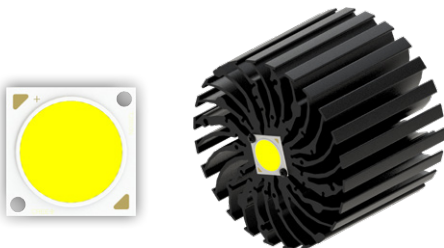
Cree XLamp CMT19 LED Array

Model Names

- CMT1922
- CMT1925
- CMT1930
- CMT1945

Mounting

- Direct mounting with 2 self tapping screws M3 x 6mm
 Red indicator marks
- With Zhaga Book 3 LED holder
 TE Connectivity Lumawise type Z50 2213254
 Bender+Wirth Hybrid holder 633c available with different housings
 Mounting with 2 self tapping screws M3 x 8mm
 Green indicator marks



Cree XLamp CMT28 LED Array

Model Names

- CMT2850
- CMT2870
- CMT2890

Mounting

- Direct mounting with 2 self tapping screws M3 x 6mm
 Blue indicator marks
- With Zhaga Book 3 LED holder
 TE Connectivity Lumawise type Z50 2213480
 Bender+Wirth Hybrid holder 631b available with different housings
 Mounting with 2 self tapping screws M3 x 8mm
 Green indicator marks



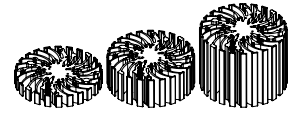
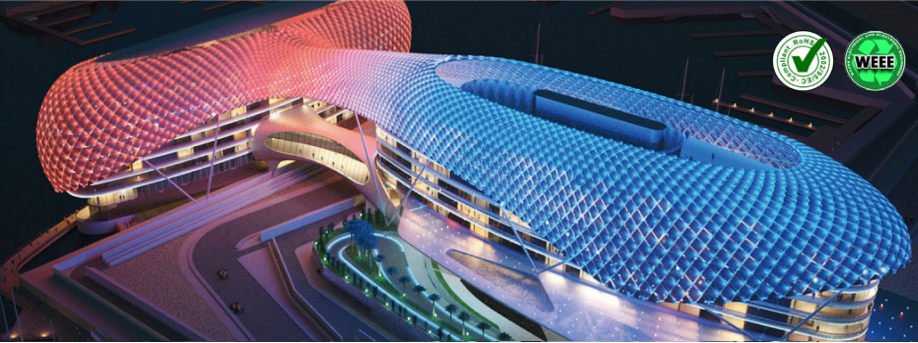
Cree XLamp CMA15 LED Array

Model Names

- CMA1516

Mounting

- With Zhaga Book 3 LED holder
 Bender+Wirth Hybrid holder 641a available with different housings
 Mounting with 2 self tapping screws M3 x 8mm
 Green indicator marks



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Mounting Instruction



Cree XLamp CMA18 LED Array

Model Names

- CMA1825

Mounting

- With Zhaga Book 3 LED holder
Bender+Wirth Hybrid holder 637a available with different housings
Mounting with 2 self tapping screws M3 x 8mm
Green indicator marks



Cree XLamp CMA25 LED Array

Model Names

- CMA2550

Mounting

- With Zhaga Book 3 LED holder
Bender+Wirth Hybrid holder 639a available with different housings
Mounting with 2 self tapping screws M3 x 8mm
Green indicator marks



Cree XLamp CMA30 LED Array

Model Names

- CMA3090

Mounting

- Direct mounting with 2 self tapping screws M3 x 6mm
Blue indicator marks
- With Zhaga Book 3 LED holder
Bender+Wirth 447 typ 1
Mounting with 2 self tapping screws M3 x 8mm
Green indicator marks