

ø86 x H30 / 60 (mm)  
Rth 2.08 - 1.56 °C/W  
Power Pd 24 - 32 W

[MORE PRODUCT DETAILS](#)

## CoolStar® 86 Designer series Cree XLamp LED Star Cooler ø86mm

### Mounting Instruction

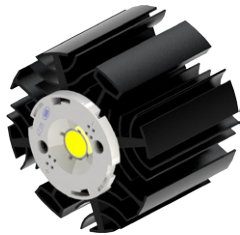
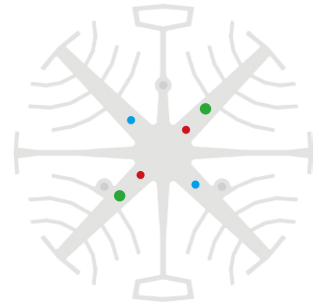


Cree XLamp® LEDs deliver the industry's best lighting-class performance and are application-optimized to enable the lowest system cost.

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.



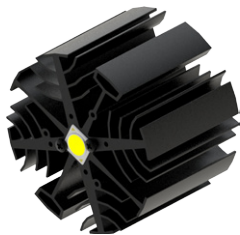
#### Cree XLamp CXA18 / CXB18 LED Array

##### Model names

- CXA1816-xxxx
- CXB1816-xxxx
- CXA1820-xxxx
- CXB1820-xxxx

##### Mounting

- With Zhaga Book 3 LED holder  
BJB Spotlight connector 47.319.2131  
Ideal Industries Chip-Lok™ holder 50-2101CR  
TE Connectivity Lumawise type Z50 2213401-1  
TE Connectivity Lumawise type Z50 2213401-2  
Mounting with 2 screws M3 x 6mm  
Green indicator marks



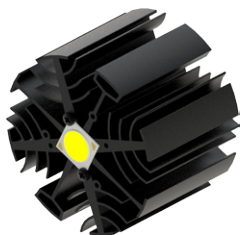
#### Cree XLamp CMT14 LED Array

##### Model names

- CMT1412
- CMT1420

##### Mounting

- Direct mounting with 2 screws M3 x 6mm  
Red 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



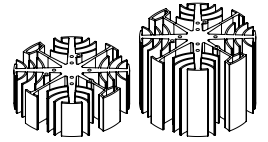
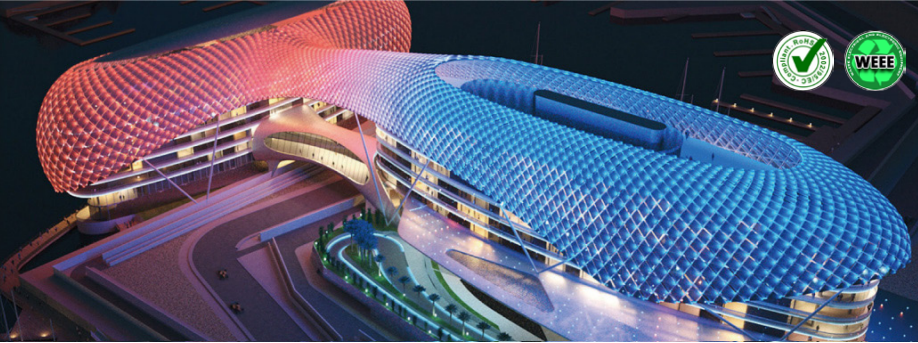
#### Cree XLamp CMT19 LED Array

##### Model names

- CMT1922
- CMT1925
- CMT1930

##### Mounting

- Direct mounting with 2 screws M3 x 6mm  
Blue 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 screws M3 x 6mm  
Green indicator marks

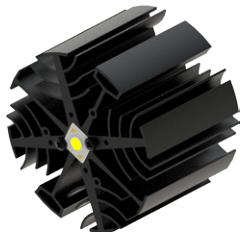


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## CoolStar® 86 Designer series Cree XLamp LED Star Cooler ø86mm

### Mounting Instruction



#### Cree XLamp CMA13 LED Array

##### Model names

- CMA1303
- CMA1306

##### 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



#### 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 screws M3 x 6mm  
Green indicator marks