

## IceLED Xtra | Cree Modular Active Star LED Cooler ø99mm

### 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 CXA15 / CXB15 LED Array

##### Model names

- CXA1512-xxxx
- CXB1512-xxxx
- CXA1520-xxxx

##### Mounting

- With Zhaga Book 11 LED holder
- BJB Spotlight connector 47.319.6101
- Ideal Industries Chip-Lok™ holder 50-2001CR
- Mounting with 2 self tapping screws M3 x 8mm
- Orange indicator marks



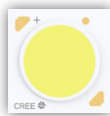
#### Cree XLamp CXA18 / CXB18 LED Array

##### 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 50-2101CR
- 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





ø99 x H55 (mm)  
 Rth 0.46 °C/W  
 Power Pd 109 W

[MORE PRODUCT DETAILS](#)

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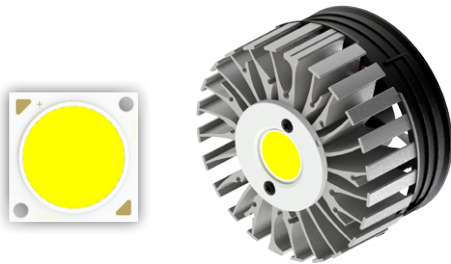
#### Cree XLamp CXA30 / CXB30 LED Array

##### 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



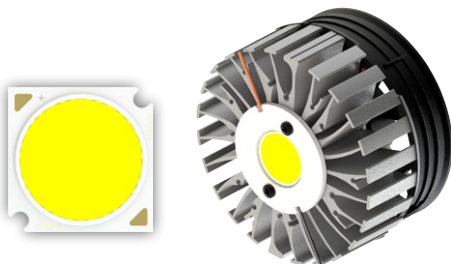
#### Cree XLamp CMT28 LED Array

##### Model names

- CMT2850
- CMT2870
- CMT2890

##### Mounting

- With Zhaga Book 3 LED holder  
 TE Convertivity 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 CMA30 LED Array

##### Model names

- CMA3090

##### Mounting

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