

# Chip-Lok™ LED COB Array Holder

**CREE** 

▶ LED Solution Provider



Flange provides strength & thermal path to allow chip to run cooler

Hardened stainless prevents creep over time/temperature



Daisy chaining capable

Designed to achieve Zhaga dimensions

Keyways allow easier assembly

Spring holds PCB in position to ease assembly



- *Designed for Cree CXA Array Series*
- *Daisy chain up to 250 volts and 4 amps*
- *Metal acts as heatsink and allows chip to run cooler*
- *Hardened SS holder provides great thermal force over time/temperature*
- *Keyway and spring leg ease assembly*
- *Dimensions designed to meet Zhaga specifications*
- *Holders compatible with commercially available reflectors*



Contact IDEAL to learn about LED technology developments for other lighting applications.

US & Foreign Patents Pending

Cree is a registered trademark and the Cree LED Solution Provider logo is a trademark of Cree, Inc. in the United States and/or other countries.



 **Zhaga**  
Member



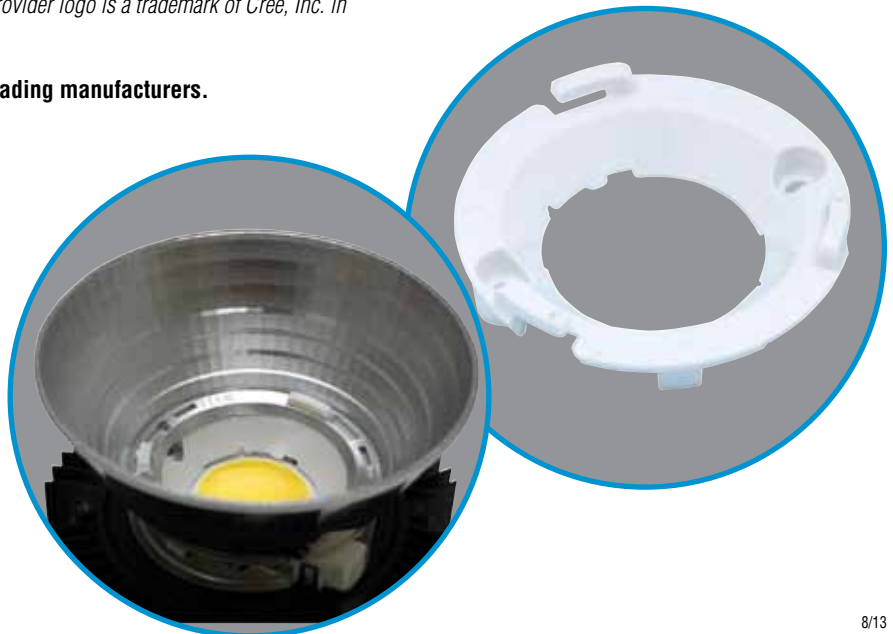
# Chip-Lok™ LED COB Array Holder

| Ordering Information         |                                       |           |                                       |             |            |
|------------------------------|---------------------------------------|-----------|---------------------------------------|-------------|------------|
| IDEAL Catalog No.            | 50-2001CR                             | 50-2101CR | 50-2102CR                             | 50-2234C    | 50-2303CR  |
| Model No.                    | 50-20                                 | 50-21     | 50-21                                 | 50-22       | 50-23      |
| Cree Part No.                | CXA15                                 | CXA18     | CXA25                                 | CXA30       | CXA35      |
| Specifications               |                                       |           |                                       |             |            |
| Electrical                   |                                       |           |                                       |             |            |
| UL/CSA Voltage               | Class 2                               |           |                                       | 250V        |            |
| UL/CSA Current               | TBD                                   |           |                                       | 4A          |            |
| ENEC Voltage                 | TBD                                   |           |                                       | 150V        |            |
| ENEC Current                 | TBD                                   |           |                                       | 2A          |            |
| Mechanical                   |                                       |           |                                       |             |            |
| Diameter                     | 35mm                                  |           | 50mm                                  |             | 65mm       |
| Max. Height                  | 5mm                                   |           | 7.2mm                                 |             | 7.2mm      |
| Weight                       | 6 grams                               |           | 7.7 grams                             |             | 11.4 grams |
| Physical                     |                                       |           |                                       |             |            |
| Housing                      | Stainless Steel 1/2 Hard              |           |                                       |             |            |
| Terminal                     | Copper Alloy/Ag Plating               |           |                                       |             |            |
| Temperature                  | T-110C                                |           |                                       |             |            |
| Color                        | White/Silver                          |           |                                       |             |            |
| Standards and Specifications |                                       |           |                                       |             |            |
|                              | TBD                                   | Pending   | UL 496/ENEC                           | UL 496/ENEC | Pending    |
|                              | RoHS and REACH Compliant              |           |                                       |             |            |
|                              | Patents Pending Globally              |           |                                       |             |            |
| Wire Range                   |                                       |           |                                       |             |            |
| Solid                        | 20 - 24 AWG; 0,25-0,75mm <sup>2</sup> |           | 18 - 24 AWG; 0,25-0,75mm <sup>2</sup> |             |            |
| Stranded                     | 20 - 22 AWG; 0,50-0,75mm <sup>2</sup> |           | 18 - 22 AWG; 0,25-0,75mm <sup>2</sup> |             |            |
| Tin Bonded                   | 20 - 24 AWG; 0,25-0,75mm <sup>2</sup> |           | 18 - 24 AWG; 0,25-0,75mm <sup>2</sup> |             |            |

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Contact us for solutions to attach reflectors from leading manufacturers.

50-2100AN Adaptor shown with Ledil Angelina.



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