



IceLED | Citizen Modular Active Star LED Cooler ø99mm

Mounting Instruction

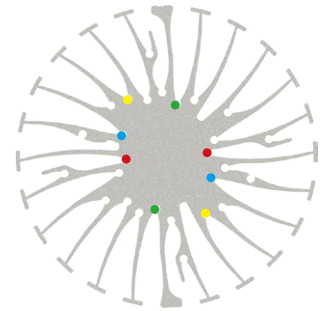
CITIZEN

Micro HumanTech

Citizen Electronics Co., Ltd. is a precision electronics manufacturer with headquarters in Fujiyoshida City, Yamanash Japan. Prefecture and a subsidiary of Citizen Holdings Co., Ltd. Citizen Electronics is a leader in LED light sources for electronic devices and high power white LED lamps. The second generation CITELED CLL LED COB modules and the new upcoming generation CLU distinguish themselves through the combination of high lumen per watt performance combined with a perfect light quality control.

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.



Citizen Cited CLL032 - CLU034 - CLU036 - CLU038

Model names

- CLL032-xxxx
- CLU034-xxxx
- CLU036-xxxxxx
- CLU038-xxxxxx

Mounting

- Direct mounting with 2 self tapping screws M3 x 6mm
Red indicator marks
- With Zhaga Book 3 LED holder
BJB spotlight connector 47.319.2021
Ideal Industries Chip-Lok™ holder 50-2103CT
TE Connectivity Lumawise type Z50 2213254-1
TE Connectivity Lumawise type Z50 2213254-2
Mounting with 2 self tapping screws M3 x 6mm
Green indicator marks



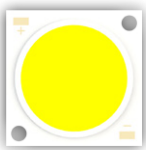
Citizen Cited CLL042 - CLU044 - CLU046 - CLU048

Model names

- CLL042-xxxx
- CLU044-xxxx
- CLU046-xxxxxx
- CLU048-xxxxxx

Mounting

- Direct mounting with 2 self tapping screws M3 x 6mm
Blue indicator marks
- With Zhaga Book 3 LED holder
BJB spotlight connector 47.319.2033
Ideal Industries Chip-Lok™ holder 50-2204CT
Mounting with 2 self tapping screws M3 x 6mm
Green indicator marks



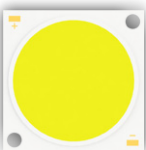
Citizen Cited CLL052 - CLU054 - CLU056 - CLU058

Model names

- CLL052-xxxx
- CLU054-xxxx
- CLU056-xxxxxx
- CLU058-xxxxxx

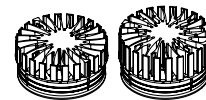
Mounting

- Direct mounting with 2 self tapping screws M3 x 6mm
Yellow indicator marks





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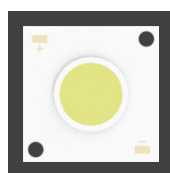


ø99 x H45 / 55 (mm)
Rth 0.58 - 0.46 °C/W
Power Pd 85.5 - 109 W

[MORE PRODUCT DETAILS](#)

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Mounting Instruction



Citizen Cited High Intensity Type CLU730

Model names

☑ CLU730-1210B8

Mounting

- ☑ Direct mounting with 2 self tapping screws M3 x 6mm
Blue indicator marks
- ☑ With Zhaga Book 3 LED holder
BJB spotlight connector 47.319.2033
Ideal Industries Chip-Lok™ holder 50-2204CT
Mounting with 2 self tapping screws M3 x 6mm
Green indicator marks