

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 | Citizen Modular Passive Star LED Cooler ø134mm

### Mounting Instruction

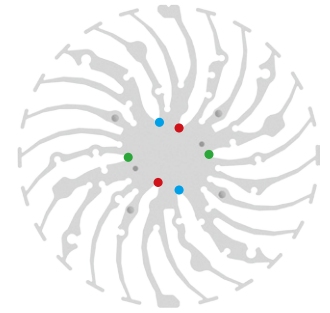
## CITIZEN

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 LED COB CLU038 - CLU03J

#### Model names

- CLU038-xxxxxx
- CLU03J-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  
Bender+Wirth Hybrid holder 633a available with different housings  
Ideal Industries Chip-Lok™ holder 50-2103CT  
TE Connectivity Lumawise type Z50 2213254  
Mounting with 2 self tapping screws M3 x 6mm  
Green indicator marks



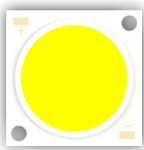
### Citizen Cited LED COB CLU048 - CLU04J

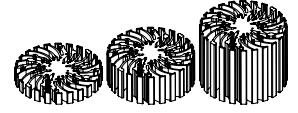
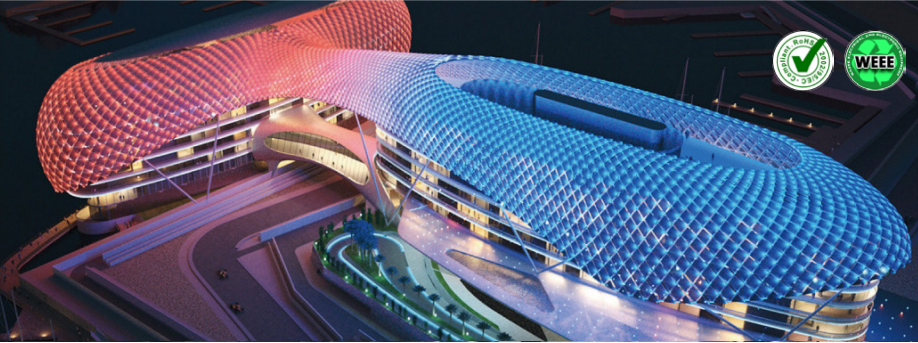
#### Model names

- CLU048-xxxxxx
- CLU04J-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  
Bender+Wirth Hybrid holder 631a available with different housings  
Ideal Industries Chip-Lok™ holder 50-2204CT  
Mounting with 2 self tapping screws M3 x 6mm  
Green indicator marks





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## ModuLED Mega | Citizen Modular Passive Star LED Cooler ø134mm

### Mounting Instruction



#### Citizen Cited COB High Intensity Type Version 3 CLU712

##### Model names

- CLU712-1204C9

##### 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  
Bender+Wirth Hybrid holder 633a available with different housings  
Ideal Industries Chip-Lok™ holder 50-2103CT  
TE Connectivity Lumawise type Z50 2213254  
Mounting with 2 self tapping screws M3 x 6mm  
Green indicator marks