

CoolFin® Giga - High Power heat pipe LED Cooler for Citizen LED COB

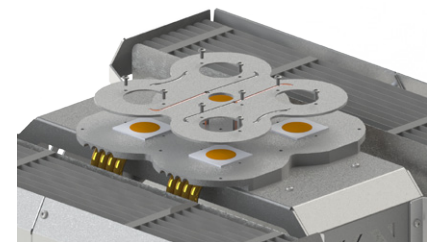
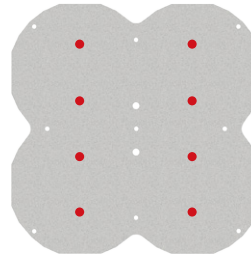
Mounting Instructions

CITIZEN

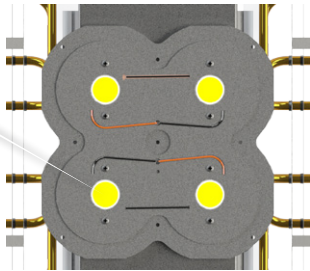
Micro_HumanTech

Citizen Electronics Co., Ltd. is a precision electronics manufacturer with headquarters in Fujiyoshida City, Yamanashi 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 CITILED 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.

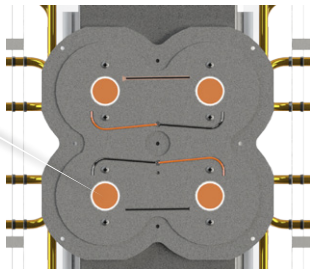
Mounting indicator marks overview



(4x) Citizen
28x28mm
LED COB



(4x) Citizen
28x28mm
HC LED COB



Citizen Citiled CLU048 LED COB

Model names

- CLU048-xxxxxx

Mounting

- With CoolConnect® holder 2x2HC-01
(Co-development LED holder with Bender+Wirth)
Mounting with 8 screws M3 x 6mm
Red indicator marks

Citizen Citiled CLU04H Horticulture LED COB

Model names

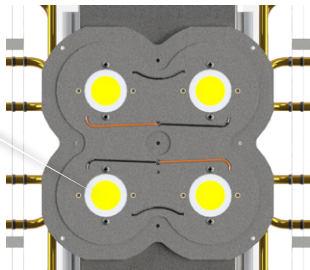
- CLU04H-85/200-PW-01
- CLU04H-85/200-PRB-01

Mounting

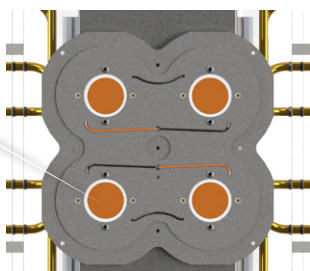
- With CoolConnect® holder 2x2HC-01
(Co-development LED holder with Bender+Wirth)
Mounting with 8 screws M3 x 6mm
Red indicator marks



(4x) Citizen
38x38mm
LED COB



(4x) Citizen
38x38mm
HC LED COB



Citizen Citiled CLU058 LED COB

Model names

- CLU058-xxxxxx

Mounting

- With CoolConnect® holder 2x2HC-02
(Co-development LED holder with Bender+Wirth)
Mounting with 8 screws M3 x 6mm
Red indicator marks

Citizen Citiled CLU05H Horticulture LED COB

Model names

- CLU05H-170/400-PW-01
- CLU05H-170/400-PRB-01

Mounting

- With CoolConnect® holder 2x2HC-02
(Co-development LED holder with Bender+Wirth)
Mounting with 8 screws M3 x 6mm
Red indicator marks