



# Point Source

## CITILED High Intensity COB Series Version. 4 for Museum Lighting

*Since this product is under development, please do not design lighting fixture or create a budget.  
Citizen Electronics reserve the right to change or cancel without notice.*

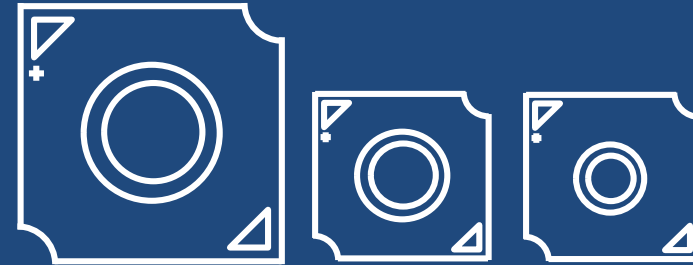


# Concept



## Special Features

1. Excellent color quality
2. Super High CRI both Ra / R9
3. White color without color tint



## Basic Features

1. Based on CITIZEN HI Ver.4  
High quality COB platform
2. Industry Standard outline/LES  
(LES dia  $\Phi$  4.2/6.0/8.5 mm)
3. Highly reliable COB PKG  
13kH LM-80 report available

# Model “UQ” Features

Model “UQ” has excellent color quality.

- 1, Superior values in CRI,  
Target specs;  $R_a > 95$ ,  $R_9$  90typ.
- 2, Pure white color, without color tint.  
Based on CITIZEN HI Ver4 COB platform,
- 3, Highly reliable COB type LED PKG,  
13kH LM-80 report available.\*
- 4, Small LES COB, suitable for precise optical  
control and professional commercial  
luminaire design

e.g. Spot beam / Track system lighting  
in museum, retail shop, etc...

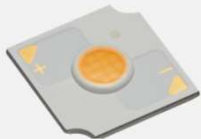
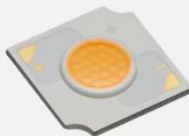
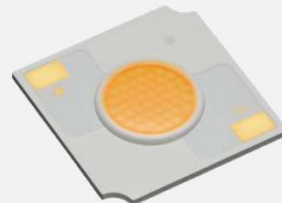
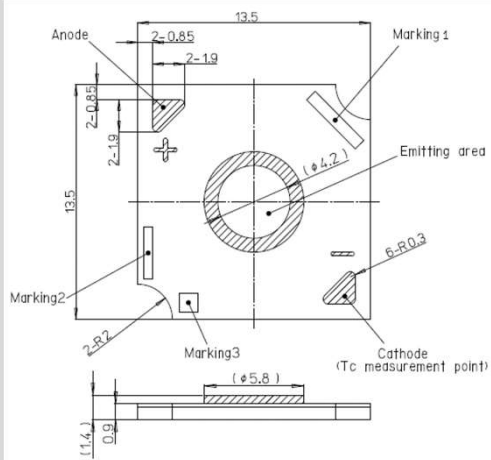
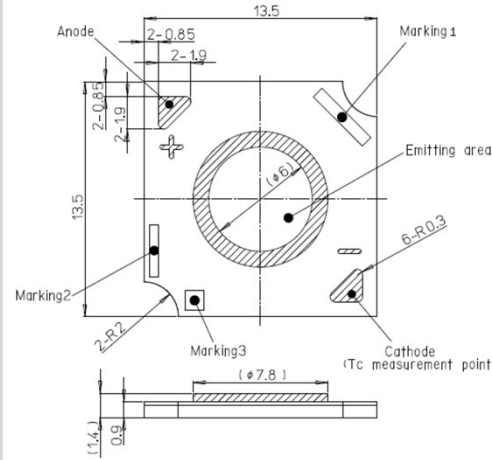
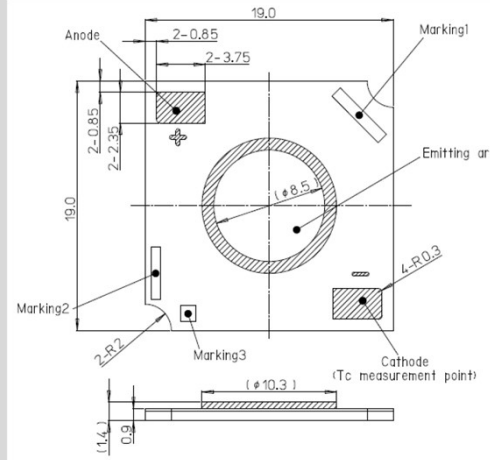


\*Images are for reference purposes only.

# Package Outline

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OPC23-0163-07

Package	CLU7A3	CLU703	CLU713
Appearance			
Outline (mm)	□13.5	□13.5	□19.0
LES (mm)	Φ4.2	Φ6.0	Φ8.5
Drawing			

Basic specifications are same as standard HI Ver.4 COB series, for details please refer the product specification and product leaflet for HI4 standard COBs.

# Specification (Tentative)

ON MARKETING

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OPC23-0163-07  
@Tj=85C

Package	SDCM	IF (mA)	VF (V)	Pd (W)	φV(lm)	lm/W
					3000K	3000K
CLU7A3-1201E1-xx3UQX5	(3)	175	36.5	6.4	624	98

## Line Up

Package	2700K	3000K	3500K	4000K
CLU7A3-1201E1-xx3UQX5	○	●	●	●
CLU7003-1202E1-xx3UQX5	○	●	●	●
CLU7103-1204E1-xx3UQX5	○	●	●	●

○ : Please contact our sales team

## (Additional Line Up)

Package	2700K	3000K	3500K	4000K
CLU02Q-1203E1-xx2UQX5 CLU02Q-1204E1-xx2UQX5 CLU03Q-1208E1-xx2UQX5	○	●	●	●

○ : Please contact our sales team

These are tentative specs from engineering sample for reference, the values may change without prior notice and NOT guaranteed the specification for mass production.

**CONFIDENTIAL** All information and value might be changed or updated later. This is an uncontrolled drawing provided for reference purposes only. Citizen Electronics Co.,LTD. reserves the right to implement engineering changes and to modify dimensions, design details, and materials as necessary.

CITIZEN ELECTRONICS CO.,LTD.

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# Schedules

Engineering Samples : Available (On Request\*)

Mass Production : 2025/06

UL Certification : Available

ENEC Certification : N/A (TBD)

LM80 report : Available\*

\*Please contact our sales team