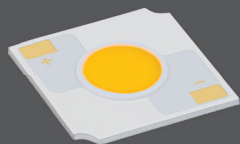


CITILED COB Series for Museum Lighting



CITILED High Intensity COB Series Ver.4 UQ



CLU713



CLU703



CLU7A3



CITILED Standard COB Series Ver.9 UQ



CLU03Q



CLU02Q



UQ型号: 高显色性、高可靠性COB LED,适用于博物馆照明

「UQ」产品具有Ra97(标准值)、R9 90(标准值)的优异CRI特性,实现无染色纯白光色。基于Hi COB Ver.4 和 Standard Ver.9 COB平台,提供可靠的13,000小时高信赖性LM-80报告。另外,小发光面(LES)适用于需要精密光学控制上的应用。

Color Variation

High Intensity COB Series Version.4 UQ

Package	Die Configuration	LES Diameter Size (mm)	Package Outline Size (mm)	CRI 97 Typ.			
				2700K	3000K	3500K	4000K
CLU7A3	1201	Φ4.2	13.5×13.5	★	○	○	○
CLU703	1202	Φ6.0	13.5×13.5	★	○	○	○
CLU713	1204	Φ8.5	19.0×19.0	★	○	○	○

Note : "★" indicate that optional color line up. Please contact our sales team if you are considering ordering the color which is except for standard line up.

Standard COB Series Version.9 UQ

Package	Die Configuration	LES Diameter Size (mm)	Package Outline Size (mm)	CRI 97 Typ.			
				2700K	3000K	3500K	4000K
CLU02Q	1203/1204	Φ9.8	13.5x13.5	★	○	○	○
CLU03Q	1208	Φ14.5	19.0x19.0	★	○	○	○

Note : "★" indicate that optional color line up. Please contact our sales team if you are considering ordering the color which is except for standard line up.

Representative specifications

High Intensity COB series Version.4 UQ

(Tj=85C)

Product code	Electro-optical Characteristics								Absolute Maximum Rating
	CRI	CCT	Forward current (mA)	Voltage Typ. (V)	Input power Typ. (W)	Luminous flux Typ. (lm)	Efficacy Typ. (lm/W)	Thermal resistance Rj-c(C/W)	Forward current (mA)
CLU7A3-1201E1-303UQX5	97Typ.	3000K	175	36.5	6.4	618	97	3.4	300
CLU703-1202E1-303UQX5	97Typ.	3000K	350	36.5	12.8	1,241	97	1.7	600
CLU713-1204E1-303UQX5	97Typ.	3000K	700	36.5	25.6	2,522	99	0.95	1,200

Standard COB series Version.9 UQ

(Tj=85C)

Product code	Electro-optical Characteristics								Absolute Maximum Rating
	CRI	CCT	Forward current (mA)	Voltage Typ. (V)	Input power Typ. (W)	Luminous flux Typ. (lm)	Efficacy Typ. (lm/W)	Thermal resistance Rj-c(C/W)	Forward current (mA)
CLU02Q-1203E1-302UQX5	97Typ.	3000K	270	33.8	9.1	1,067	117	1.0	690
CLU02Q-1204E1-302UQX5	97Typ.	3000K	360	33.8	12.2	1,398	115	0.86	920
CLU03Q-1208E1-302UQX5	97Typ.	3000K	720	33.8	24.3	2,833	116	0.48	1,840

Note : Product codes and specifications in this catalogue are subject to change without notice for improvement, and products may be discontinued. We will not be held liable for any damages or costs caused by such change or discontinuation. Please ask our sales team for details of the release date and the latest specifications of each product.

Contact

Website <https://ce.citizen.co.jp/e/>
Sales Network https://ce.citizen.co.jp/productse/sales_network
Requests / Inquiries E-mail : cej-inquiry@ml.citizen.co.jp

CITIZEN ELECTRONICS CO., LTD. shall not be liable for any disadvantages or damages resulting from the use of downloaded data or the impossibility of download and use, responsibility for the cause of lawsuit or any other damages or losses. This data shall be provided as is to users and CITIZEN ELECTRONICS CO., LTD. does not guarantee the absence of error or other defects in this data, conformance of this data to specific purpose, this data or its use will not infringe the right of users or third parties or any other matters. CITIZEN ELECTRONICS CO., LTD. reserves the right to make changes to data without notification.