

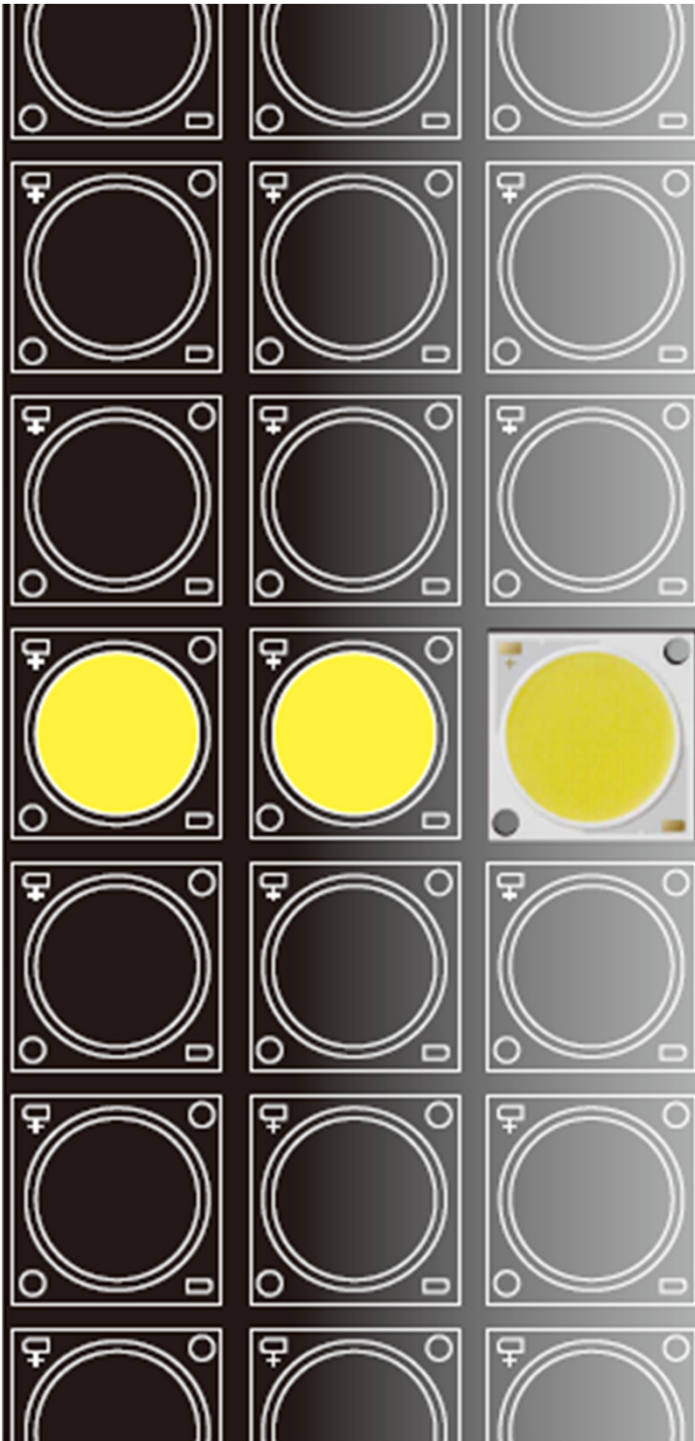
CITIZEN

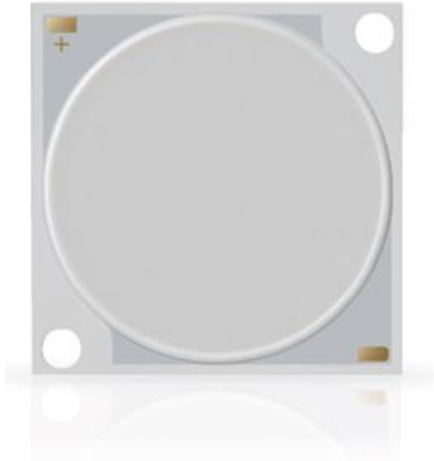
Technical information update

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.





Targeting on special lighting

- *Blue light has higher transmitting property in the water.
(Suitable for near(in the) water application)
- *Various application in Niche-market.

Target Market

Schedule	Sample	: 7/M
	Datasheet	: 7/E
	MP	: 9/B



Pool /Water light
Landscape



Aquarium

Reference LINE-UPS

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Appearance	 CLU038 Series	 CLU048 Series	 CLU058 Series	 CLU550
Dimensions (mm)	19 × 19	28 × 28	38 × 38	38 × 38
Number of Series-Parallel	12S8P 12S10P	12S12P 18S12P 18S18P	18S25P 36S18P	36S26P
LES Size (mm)	Φ 14.5	Φ 22.0	Φ 32.8	Φ 32.8
Color	BLUE			

Reference SPEC

CITIZEN

Product Specifications

Tc=25°C

製品名	Forward Current (mA)	Voltage typ. (V)	Input power typ. (W)	Luminous flux typ. (lm)	Radiant Flux typ. (W)	Wave Length Peak Typ. (nm)	Thermal resistance Rj-c (°C/W)
CLU038-1208C4	720	34.6	24.9	(562)	(14)	(455)	0.51
CLU038-1210C4	900	34.6	31.1	(702)	(18)	(455)	0.42
CLU048-1212C4	1,080	34.6	37.4	(842)	(21)	(455)	0.34
CLU048-1812C4	1,080	52.0	56.2	(1,264)	(32)	(455)	0.25
CLU048-1818C4	1,620	52.0	84.2	(1,895)	(47)	(455)	0.17
CLU058-1825C4	2,250	52.0	117.0	(2,633)	(66)	(455)	0.14
CLU058-3618C4	1,620	103.9	168.3	(3,791)	(95)	(455)	0.10
CLU550-3626C4	2,340	103.9	243.1	(5,476)	(137)	(455)	0.07

Thank You