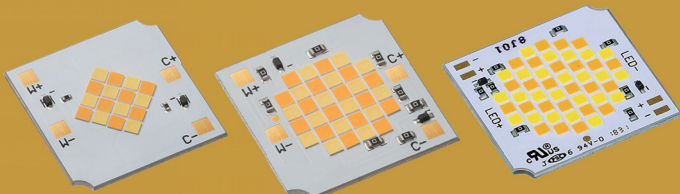


# CITILED Tunable white

This product (LCN) is comprised two different color CSPs to realize tunable white.  
By using the four terminals, the brightness and CCT are adjustable according to the scene.



## CITILED Tunable White



LCN-C01B2/  
C04B2

LCN-C02B2/  
C05B2

LCN-C03A2/  
C06A2

Small LES module with  
high-density CSP

Tunable CCT range  
Warm 2,700K - Cool 6,500K

## Color temperature can be changed according to scenes where the light is used.







For example, in a living room, Cool Color makes it easier for children to study, and Warm Color creates a comfortable atmosphere at mealtime.

In addition, color temperature can be changed from morning through night as if the natural light changes its color by time of day, so that workers can stay more comfortable in the workplace.



## Product List

(T<sub>c</sub>=25°C)

Product code	Product code	Electro-optical Characteristics										Absolute Maximum Rating
		LES Diameter Size (mm)	Package Outline Size (mm)	CRI	CCT	Forward current (mA)	Voltage Typ. (V)	Input power Typ. (W)	Luminous flux Typ. (lm)	Efficacy Typ. (lm/W)	Thermal resistance R <sub>j-c</sub> (C/W)	
	LCN-C01B2	Φ10.9	20.0×20.0	80min	2,700K	350	24.0	8.4	1,078	128	3.5	400
				80min	6,500K	350	24.0	8.4	1,205	143	3.5	400
	LCN-C04B2	Φ10.9	20.0×20.0	90min	2,700K	350	24.0	8.4	895	106	3.5	400
				90min	6,500K	350	24.0	8.4	1,032	122	3.5	400
	LCN-C02B2	Φ14.5	20.0×20.0	80min	2,700K	700	24.0	16.8	2,155	128	2.3	800
				80min	6,500K	700	24.0	16.8	2,411	143	2.3	800
	LCN-C05B2	Φ14.5	20.0×20.0	90min	2,700K	700	24.0	16.8	1,789	106	2.3	800
				90min	6,500K	700	24.0	16.8	2,054	122	2.3	800
	LCN-C03A2	Φ18.2	23.5×23.5	80min	2,700K	700	36.0	25.2	3,233	128	1.5	800
				80min	6,500K	700	36.0	25.2	3,616	143	1.5	800
	LCN-C06A2	Φ18.2	23.5×23.5	90min	2,700K	700	36.0	25.2	2,684	106	1.5	800
				90min	6,500K	700	36.0	25.2	3,077	122	1.5	800
	LCN-C07A2	Φ24	38.0×38.0	80min	2,700K	1,400	30.0	42.0	5,180	123	0.95	1,600
				80min	6,500K	1,400	30.0	42.0	5,880	140	0.95	1,600
	LCN-C08A2	Φ31	52.0×52.0	80min	2,700K	700	96.0	67.2	8,400	125	0.60	800
				80min	6,500K	700	96.0	67.2	9,500	141	0.60	800
	LCN-C09A2	Φ32	52.0×52.0	80min	2,700K	700	111.0	77.7	9,700	124	0.52	800
				80min	6,500K	700	111.0	77.7	11,000	141	0.52	800

\*1 Absolute maximum of power input and Forward current are the summation of cool color & warm color, not for individual value of each input.

## Contact

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