

Tunable White

Tunable White is a module PKG product that achieves thin, small size and LES small size by using ultra-small CSP.

By using the two-color LED, it is possible to freely change the luminous flux and color tone, so it is possible to produce light according to the scene.

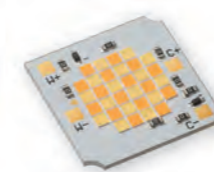


- Narrow LES module with CSPs of high-density
- Color temperature can be adjusted freely
- Extensive CCT range Warm 2,700K - Cool 6,500K
- Arrangement design of CSPs for better color homogeneity
- Covers up to 3000lm class

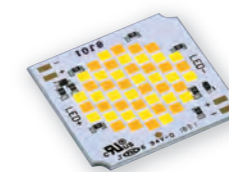
CITILED Tunable White



LCN-C01B/C04B



LCN-C02B/C05B



LCN-C03A/C06A

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

(Tc=25°C)

Package	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) *1
	LCN-C01B	80min	2700K	350	24.0	8.4	965	115	3.5	400
		80min	6500K	350	24.0	8.4	1116	133	3.5	400
	LCN-C04B	90min	2700K	350	24.0	8.4	828	99	3.5	400
		90min	6500K	350	24.0	8.4	1011	120	3.5	400
	LCN-C02B	80min	2700K	700	24.0	16.8	1929	115	2.3	800
		80min	6500K	700	24.0	16.8	2232	133	2.3	800
	LCN-C05B	90min	2700K	700	24.0	16.8	1655	99	2.3	800
90min		6500K	700	24.0	16.8	2023	120	2.3	800	
	LCN-C03A	80min	2700K	700	36.0	25.2	2894	115	1.5	800
		80min	6500K	700	36.0	25.2	3348	133	1.5	800
	LCN-C06A	90min	2700K	700	36.0	25.2	2483	99	1.5	800
90min		6500K	700	36.0	25.2	3034	120	1.5	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.
 Note 3: 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.

This product has sales restrictions. Please contact our sales team prior to placing your order.