

CITILED COB Series VIVID Type

CLL020-1204B7 / CLL030-1208B7 / CLL030-1212B7



Product concept

Much more vividness for LED lighting

In addition to the high color rendering LEDs aimed at making the color of objects more faithful, the demands on high chromatic LEDs targeted for making objects more vivid are increasing.

For More brilliant & attractive displaying

These new products are the most suitable for the applications that place emphasis on the appearance of commercial products such as for store lighting.

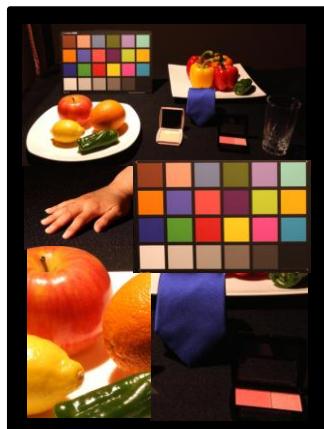
Spectrum tuning technology

Citizen Electronics has developed high chromatic LEDs that enable the vivid appearance of objects by selecting LED dice or phosphor and tuning the light emitting spectrum.

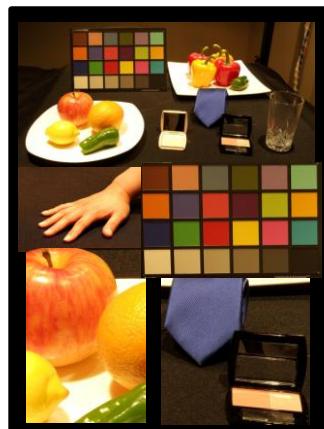


Comparison

VIVID LED (warm vivid)



Halogen Lamp (3,000K Ra100)



Characteristics

Tentative value / Tc 25 degC

Product Code	Color	IF	VF	Φv	LPW
		[mA]	[V]	[lm]	[lm/W]
CLL020-1204B7-35GH6D4	Warm	240	(38.2)	565	61.6
CLL020-1204B7-45GH6D4	White			565	61.6
CLL030-1208B7-35GH6D4	Warm	480	(38.2)	1170	63.8
CLL030-1208B7-45GH6D4	White			1180	64.4
CLL030-1212B7-35GH6D4	Warm	720	(38.2)	1730	62.9
CLL030-1212B7-45GH6D4	White			1735	63.1

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The Light Engine

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