



# LUXEON CoB with FreshFocus Technology™

Accentuating freshness and overall visual appeal, making food irresistible



The LUXEON CoB with FreshFocus Technology creates the most impactful lighting ever available by accentuating the freshness and overall visual appeal of a variety of fresh food areas such as supermarkets, delis, butcher shops and bakeries.

LUXEON CoB with FreshFocus Technology brings out reds for greater visual appeal to meat; increases the appetite appeal of bread and pastries; exhibits the most natural and attractive fish and emphasizes the “just picked” appearance for produce (fruits and vegetables).

## FEATURES AND BENEFITS

- Spectrum engineered products with focused color points to enable the right lighting for specific merchandise and application
- IR free and UV free, which keeps the merchandise fresher longer and prevents meat discoloration
- Up to 4x lower thermal resistance than competitors enabling smaller heatsinks and higher lumens
- Mouse bites for M2 and M3 make it easy to work with

## PRIMARY APPLICATIONS

- Downlights
- Indoor Area Lighting
- Lamps
- Spotlights

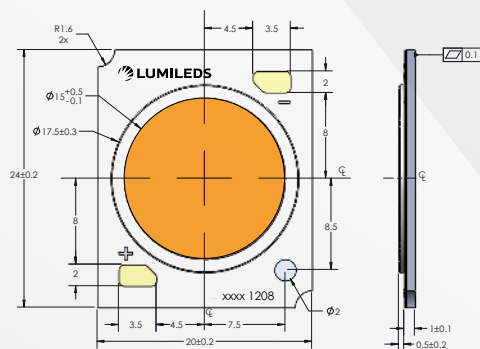
LUXEON CoB with FreshFocus Technology product performance at specified test current,  $T_j=85^{\circ}\text{C}$ .

SPECTRUM	PRODUCT	LUMINOUS FLUX <sup>[1, 2]</sup> (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	TEST CURRENT (mA)	LES <sup>[3]</sup> (mm)	PART NUMBER
		MINIMUM	TYPICAL				
Produce	LUXEON CoB 1208	2970	3300	105	900	15	L2C5-PR001208E1500
	LUXEON CoB 1211	4023	4470	107	1200	19	L2C5-PR001211E1900
Red Meat	LUXEON CoB 1208	1854	2059	65	900	15	L2C5-RM001208E1500
	LUXEON CoB 1211	2538	2820	67	1200	19	L2C5-RM001211E1900
Marbled Meat	LUXEON CoB 1208	1945	2161	69	900	15	L2C5-MM001208E1500
	LUXEON CoB 1211	2664	2960	70	1200	19	L2C5-MM001211E1900
Fish	LUXEON CoB 1208	3049	3387	108	900	15	L2C5-FS001208E1500
	LUXEON CoB 1211	4176	4640	110	1200	19	L2C5-FS001211E1900
Bread & Pastries	LUXEON CoB 1208	2871	3190	101	900	15	L2C5-BD001208E1500
	LUXEON CoB 1211	3933	4370	104	1200	19	L2C5-BD001211E1900

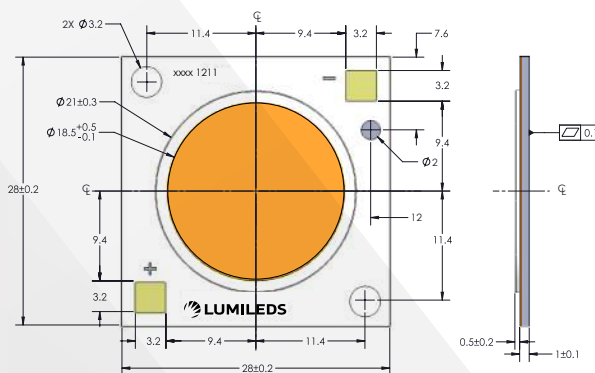
**Notes:**

1. Lumileds maintains a tolerance of  $\pm 6.5\%$  on luminous flux measurements.
2. Maximum luminous flux is 10% above typical luminous flux.
3. Light emitting surface (LES) is the inner diameter (phosphor area) inside the dam.

**Mechanical Dimensions.**



L2C5-xx001208E1500



L2C5-xx001211E1900

**Notes:**

1. Drawings are not to scale.
2. All dimensions are in millimeters.

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