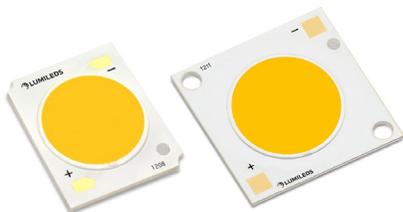




LUXEON CoB with FreshFocus Technology™

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

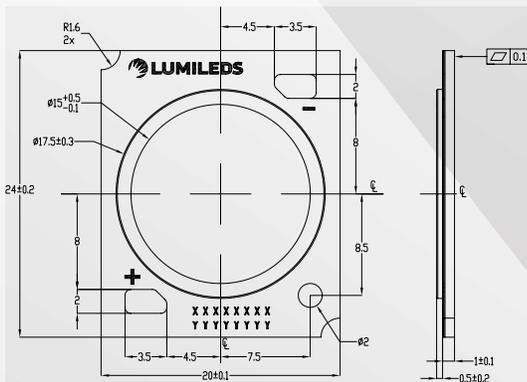
LUXEON CoB with FreshFocus Technology product performance at specified test current, T_j=85°C.

SPECTRUM	PRODUCT	LUMINOUS FLUX ^[1, 2] (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	TEST CURRENT (mA)	LES ^[3] (mm)	ENERGY EFFICIENCY CLASS ^[4]	PART NUMBER
		MINIMUM	TYPICAL					
Produce	LUXEON CoB 1208	3056	3396	108	900	15	F	L2C5-PR001208E1500
	LUXEON CoB 1211	4032	4480	107	1200	19	F	L2C5-PR001211E1900
Red Meat	LUXEON CoB 1208	2196	2440	78	900	15	Note 5	L2C5-RM001208E1500
	LUXEON CoB 1211	2920	3244	78	1200	19	Note 5	L2C5-RM001211E1900
Marbled Meat	LUXEON CoB 1208	2095	2328	74	900	15	Note 5	L2C5-MM001208E1500
	LUXEON CoB 1211	2803	3114	75	1200	19	Note 5	L2C5-MM001211E1900
Fish	LUXEON CoB 1208	3519	3910	125	900	15	E	L2C5-FS001208E1500
	LUXEON CoB 1211	4847	5386	129	1200	19	E	L2C5-FS001211E1900
Bread & Pastries	LUXEON CoB 1208	3337	3708	118	900	15	F	L2C5-BD001208E1500
	LUXEON CoB 1211	4481	4979	119	1200	19	E	L2C5-BD001211E1900

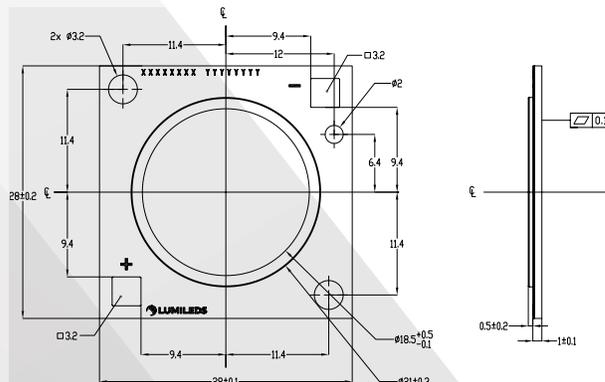
Notes for Table 1:

1. Lumileds maintains a tolerance of ±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.
4. Energy efficiency class as specified in Commission Delegated Regulation (EU) 2019/2015. The available range of energy efficiency classes is A-G.
5. Exception: This product has chromaticity outside the scope of Commission Delegated Regulation (EU) 2019/2015; therefore, energy efficiency class is not defined.

Mechanical Dimensions.



L2C5-xx001208E1500



L2C5-xx001211E1900

Notes:

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

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