

ILLUMINATION



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

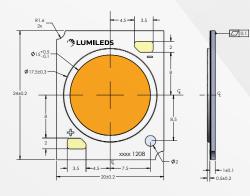
LUXEON CoB with FreshFocus Technology product performance at specified test current, T_i=85°C.

| SPECTRUM | PRODUCT | LUMINOUS FLUX ^[1, 2] (lm) | | TYPICAL LUMINOUS | TEST CURRENT | LES [3] | PART NUMBER |
|---------------------|-----------------------|--------------------------------------|---------|---------------------|-----------------|---------|-------------------|
| | | MINIMUM | TYPICAL | EFFICACY (Im/W) | (mA) | (mm) | PART NOWDER |
| Produce | LUXEON CoB 1208 | 3011 | 3345 | 107 | 900 | 15 | L2C5-PR001208E150 |
| | LUXEON CoB 1211 | 4032 | 4480 | 107 | 1200 | 19 | L2C5-PR001211E190 |
| Red Meat | LUXEON CoB 1208 | 2061 | 2290 | 73 | 900 | 15 | L2C5-RM001208E150 |
| | LUXEON CoB 1211 | 2862 | 3180 | 76 | 1200 | 19 | L2C5-RM001211E190 |
| Marbled Meat | LUXEON CoB 1208 | 1894 | 2161 | 69 | 900 | 15 | L2C5-MM001208E15 |
| | LUXEON CoB 1211 | 2584 | 2960 | 71 | 1200 | 19 | L2C5-MM001211E190 |
| Fish | LUXEON CoB 1208 | 3325 | 3694 | 118 | 900 | 15 | L2C5-FS001208E150 |
| | LUXEON CoB 1211 | 4617 | 5130 | 123 | 1200 | 19 | L2C5-FS001211E190 |
| Bread & Pastries | LUXEON CoB 1208 | 3118 | 3464 | 111 | 900 | 15 | L2C5-BD001208E150 |
| | LUXEON CoB 1211 | 4275 | 4750 | 114 | 1200 | 19 | L2C5-BD001211E190 |

Lumileds maintains a tolerance of ±6.5% on luminous flux measurements.
Maximum luminous flux is 10% above bioled luminous flux measurements.

Maximum luminous flux is 10% above typical luminous flux.
Light emitting surface (LES) is the inner diameter (phosphor area) inside the dam.

Mechanical Dimensions.

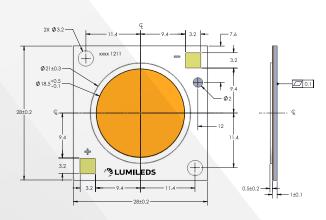


L2C5-xx001208E1500

Notes:

1. Drawings are not to scale.

2. All dimensions are in millimeters.



L2C5-xx001211E1900

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