



# LUXEON CX Plus CoB

Lowest thermal resistance with industry standard footprint

LUXEON CX Plus CoB has six products covering lumen packages between 500 and 7,000 lumens in a standard footprint. Due to its industry leading thermal resistance and robust substrate material, LUXEON CX Plus CoB enables cooler, more efficient fixtures. LUXEON CX Plus CoB benefits from an existing ecosystem for fast and immediate design-in while retaining existing optics, clamps and documentation.



## FEATURES AND BENEFITS

Lowest thermal resistance, allowing more reliable systems and higher lm/W

An immediate, effortless upgrade to existing designs currently using legacy CoBs with a square footprint

MCPCB substrate that enables more robust systems versus ceramic

3-step MacAdam ellipse color definition for 80CRI and *Freedom from Binning*

Available in 80CRI and 90CRI

## PRIMARY APPLICATIONS

Downlights

Spotlights

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# General Product Information

## Product Test Conditions

LUXEON CX Plus CoB LEDs are tested and binned with a DC drive current specified below at a junction temperature,  $T_j$ , of 85°C:

|       |   |                |
|-------|---|----------------|
| 100mA | – | LUXEON CoB S01 |
| 200mA | – | LUXEON CoB M02 |
| 350mA | – | LUXEON CoB M03 |
| 450mA | – | LUXEON CoB L04 |
| 550mA | – | LUXEON CoB L05 |
| 800mA | – | LUXEON CoB L08 |

## Part Number Nomenclature

Part numbers for LUXEON CX Plus CoB follow the convention below:

L 2 C 4 – **A A B B** – **D D D** E **F F** G 0

Where:

- A A** – designates nominal CCT (27=2700K, 30=3000K, 35=3500K, 40=4000K, 50=5000K)
- B B** – designates minimum CRI (80=80CRI and 90=90CRI)
- D D D** – designates product configuration (S01, M02, M03, L04, L05, L08)
- F F** – designates light emitting surface (LES) size (06=6mm, 09=9mm, 12=12mm, 14=14mm)
- G** – designates options for product specification

Therefore, the following part number is used for a LUXEON CX Plus CoB M03, 3000K 80CRI, with a 9mm LES:

L 2 C 4 – **3 0 8 0** – **M 0 3** E **0 9** 0 0

## Lumen Maintenance

Please contact your local Sales Representative or Lumileds Technical Solutions Manager for more information about the long-term performance of this product.

## Environmental Compliance

Lumileds LLC is committed to providing environmentally friendly products to the solid-state lighting market. LUXEON CX Plus CoB is compliant to the European Union directives on the restriction of hazardous substances in electronic equipment, namely the RoHS Directive 2011/65/EU and REACH Regulation (EC) 1907/2006. Lumileds LLC will not intentionally add the following restricted materials to its products: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE).

# Performance Characteristics

## Product Selection Guide

Table 1. Product performance of LUXEON CX Plus CoB at specified test current,  $T_j=85^{\circ}\text{C}$ .

| PRODUCT        | NOMINAL CCT | MINIMUM CRI <sup>[1, 2, 3]</sup> | LUMINOUS FLUX <sup>[1, 4]</sup> (lm) |         | TYPICAL LUMINOUS EFFICACY (lm/W) | TEST CURRENT (mA) | LES <sup>[5]</sup> (mm) | PART NUMBER        |
|----------------|-------------|----------------------------------|--------------------------------------|---------|----------------------------------|-------------------|-------------------------|--------------------|
|                |             |                                  | MINIMUM                              | TYPICAL |                                  |                   |                         |                    |
| LUXEON CoB S01 | 2700K       | 80                               | 376                                  | 418     | 121                              | 100               | 6                       | L2C4-2780-S01E0600 |
|                | 3000K       | 80                               | 396                                  | 440     | 128                              | 100               | 6                       | L2C4-3080-S01E0600 |
|                | 3500K       | 80                               | 404                                  | 449     | 130                              | 100               | 6                       | L2C4-3580-S01E0600 |
|                | 4000K       | 80                               | 412                                  | 458     | 133                              | 100               | 6                       | L2C4-4080-S01E0600 |
|                | 5000K       | 80                               | 412                                  | 458     | 133                              | 100               | 6                       | L2C4-5080-S01E0600 |
|                | 2700K       | 90                               | 320                                  | 356     | 103                              | 100               | 6                       | L2C4-2790-S01E0600 |
|                | 3000K       | 90                               | 337                                  | 374     | 103                              | 100               | 6                       | L2C4-3090-S01E0600 |
|                | 3500K       | 90                               | 356                                  | 396     | 115                              | 100               | 6                       | L2C4-3590-S01E0600 |
|                | 4000K       | 90                               | 356                                  | 396     | 115                              | 100               | 6                       | L2C4-4090-S01E0600 |
| LUXEON CoB M02 | 2700K       | 80                               | 770                                  | 855     | 124                              | 200               | 9                       | L2C4-2780-M02E0900 |
|                | 3000K       | 80                               | 810                                  | 900     | 130                              | 200               | 9                       | L2C4-3080-M02E0900 |
|                | 3500K       | 80                               | 826                                  | 918     | 133                              | 200               | 9                       | L2C4-3580-M02E0900 |
|                | 4000K       | 80                               | 842                                  | 936     | 136                              | 200               | 9                       | L2C4-4080-M02E0900 |
|                | 5000K       | 80                               | 842                                  | 936     | 136                              | 200               | 9                       | L2C4-5080-M02E0900 |
|                | 2700K       | 90                               | 656                                  | 729     | 106                              | 200               | 9                       | L2C4-2790-M02E0900 |
|                | 3000K       | 90                               | 689                                  | 765     | 111                              | 200               | 9                       | L2C4-3090-M02E0900 |
|                | 3500K       | 90                               | 729                                  | 810     | 117                              | 200               | 9                       | L2C4-3590-M02E0900 |
|                | 4000K       | 90                               | 729                                  | 810     | 117                              | 200               | 9                       | L2C4-4090-M02E0900 |
| LUXEON CoB M03 | 2700K       | 80                               | 1317                                 | 1463    | 120                              | 350               | 9                       | L2C4-2780-M03E0900 |
|                | 3000K       | 80                               | 1386                                 | 1540    | 126                              | 350               | 9                       | L2C4-3080-M03E0900 |
|                | 3500K       | 80                               | 1414                                 | 1571    | 129                              | 350               | 9                       | L2C4-3580-M03E0900 |
|                | 4000K       | 80                               | 1442                                 | 1602    | 132                              | 350               | 9                       | L2C4-4080-M03E0900 |
|                | 5000K       | 80                               | 1442                                 | 1602    | 132                              | 350               | 9                       | L2C4-5080-M03E0900 |
|                | 2700K       | 90                               | 1122                                 | 1247    | 102                              | 350               | 9                       | L2C4-2790-M03E0900 |
|                | 3000K       | 90                               | 1178                                 | 1309    | 107                              | 350               | 9                       | L2C4-3090-M03E0900 |
|                | 3500K       | 90                               | 1247                                 | 1386    | 114                              | 350               | 9                       | L2C4-3590-M03E0900 |
|                | 4000K       | 90                               | 1247                                 | 1386    | 114                              | 350               | 9                       | L2C4-4090-M03E0900 |
| LUXEON CoB L04 | 3000K       | 80                               | 1845                                 | 2050    | 130                              | 450               | 12                      | L2C4-3080-L04E1200 |
|                | 3500K       | 80                               | 1882                                 | 2091    | 133                              | 450               | 12                      | L2C4-3580-L04E1200 |
|                | 4000K       | 80                               | 1919                                 | 2132    | 135                              | 450               | 12                      | L2C4-4080-L04E1200 |
|                | 5000K       | 80                               | 1919                                 | 2132    | 135                              | 450               | 12                      | L2C4-5080-L04E1200 |
|                | 3000K       | 90                               | 1569                                 | 1743    | 111                              | 450               | 12                      | L2C4-3090-L04E1200 |
|                | 3500K       | 90                               | 1661                                 | 1845    | 117                              | 450               | 12                      | L2C4-3590-L04E1200 |
|                | 4000K       | 90                               | 1661                                 | 1845    | 117                              | 450               | 12                      | L2C4-4090-L04E1200 |

Table 1 continued on next page:

1. Lumileds maintains a tolerance of  $\pm 2$  on CRI and  $\pm 6.5\%$  on luminous flux measurements.
2. Typical CRI is approximately 2 points higher than the minimum CRI specified, but this is not guaranteed.
3. R9 value of 90CRI products is  $>50$ .
4. Maximum luminous flux is 10% above typical luminous flux.
5. Light Emitting Surface (LES) is the inner diameter (phosphor area) inside the dam.

Table 1. Product performance of LUXEON CX Plus CoB at specified test current,  $T_j=85^{\circ}\text{C}$  continued.

| PRODUCT        | NOMINAL CCT | MINIMUM CRI <sup>[1, 2, 3]</sup> | LUMINOUS FLUX <sup>[1, 4]</sup> (lm) |         | TYPICAL LUMINOUS EFFICACY (lm/W) | TEST CURRENT (mA) | LES <sup>[5]</sup> (mm) | PART NUMBER        |
|----------------|-------------|----------------------------------|--------------------------------------|---------|----------------------------------|-------------------|-------------------------|--------------------|
|                |             |                                  | MINIMUM                              | TYPICAL |                                  |                   |                         |                    |
| LUXEON CoB L05 | 3000K       | 80                               | 2268                                 | 2520    | 132                              | 550               | 12                      | L2C4-3080-L05E1200 |
|                | 3500K       | 80                               | 2313                                 | 2570    | 134                              | 550               | 12                      | L2C4-3580-L05E1200 |
|                | 4000K       | 80                               | 2359                                 | 2621    | 137                              | 550               | 12                      | L2C4-4080-L05E1200 |
|                | 5000K       | 80                               | 2359                                 | 2621    | 137                              | 550               | 12                      | L2C4-5080-L05E1200 |
|                | 3000K       | 90                               | 1928                                 | 2142    | 112                              | 550               | 12                      | L2C4-3090-L05E1200 |
|                | 3500K       | 90                               | 2041                                 | 2268    | 118                              | 550               | 12                      | L2C4-3590-L05E1200 |
|                | 4000K       | 90                               | 2041                                 | 2268    | 118                              | 550               | 12                      | L2C4-4090-L05E1200 |
| LUXEON CoB L08 | 2700K       | 80                               | 3207                                 | 3563    | 128                              | 800               | 14                      | L2C4-2780-L08E1400 |
|                | 3000K       | 80                               | 3375                                 | 3750    | 135                              | 800               | 14                      | L2C4-3080-L08E1400 |
|                | 3500K       | 80                               | 3443                                 | 3825    | 137                              | 800               | 14                      | L2C4-3580-L08E1400 |
|                | 4000K       | 80                               | 3510                                 | 3900    | 140                              | 800               | 14                      | L2C4-4080-L08E1400 |
|                | 5000K       | 80                               | 3510                                 | 3900    | 140                              | 800               | 14                      | L2C4-5080-L08E1400 |
|                | 2700K       | 90                               | 2734                                 | 3038    | 109                              | 800               | 14                      | L2C4-2790-L08E1400 |
|                | 3000K       | 90                               | 2869                                 | 3188    | 115                              | 800               | 14                      | L2C4-3090-L08E1400 |
|                | 3500K       | 90                               | 3038                                 | 3375    | 121                              | 800               | 14                      | L2C4-3590-L08E1400 |
|                | 4000K       | 90                               | 3038                                 | 3375    | 121                              | 800               | 14                      | L2C4-4090-L08E1400 |
|                | 4000K       | 90                               | 3038                                 | 3375    | 121                              | 800               | 14                      | L2C4-4090-L08E1400 |

Notes for Table 1:

1. Lumileds maintains a tolerance of  $\pm 2$  on CRI and  $\pm 6.5\%$  on luminous flux measurements.
2. Typical CRI is approximately 2 points higher than the minimum CRI specified, but this is not guaranteed.
3. R9 value of 90CRI products is  $>50$ .
4. Maximum luminous flux is 10% above typical luminous flux.
5. Light Emitting Surface (LES) is the inner diameter (phosphor area) inside the dam.

## Optical Characteristics

Table 2. Optical characteristics for LUXEON CX Plus CoB at specified test current,  $T_j=85^{\circ}\text{C}$ .

| PART NUMBER        | TYPICAL TOTAL INCLUDED ANGLE <sup>[1]</sup> | TYPICAL VIEWING ANGLE <sup>[2]</sup> |
|--------------------|---------------------------------------------|--------------------------------------|
| L2C4-xxxx-xxxExx00 | 135°                                        | 115°                                 |

Notes for Table 2:

1. Total angle at which 90% of total luminous flux is captured.
2. Viewing angle is the off axis angle from the LED centerline where the luminous intensity is  $\frac{1}{2}$  of the peak value.

## Electrical and Thermal Characteristics

Table 3. Electrical and thermal characteristics for LUXEON CX Plus CoB at specified test current,  $T_j=85^{\circ}\text{C}$ .

| PART NUMBER        | FORWARD VOLTAGE <sup>[1]</sup> ( $V_f$ ) |         |         | TYPICAL TEMPERATURE COEFFICIENT OF FORWARD VOLTAGE <sup>[2]</sup> (mV/ $^{\circ}\text{C}$ ) | TYPICAL THERMAL RESISTANCE—JUNCTION TO CASE <sup>[3]</sup> ( $^{\circ}\text{C/W}$ ) |
|--------------------|------------------------------------------|---------|---------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                    | MINIMUM                                  | TYPICAL | MAXIMUM |                                                                                             |                                                                                     |
| L2C4-xxxx-S01E0600 | 32.5                                     | 34.5    | 37.5    | -16                                                                                         | 1.70                                                                                |
| L2C4-xxxx-M02E0900 | 32.5                                     | 34.5    | 37.5    | -16                                                                                         | 0.90                                                                                |
| L2C4-xxxx-M03E0900 | 32.5                                     | 35.0    | 37.5    | -16                                                                                         | 0.60                                                                                |
| L2C4-xxxx-L04E1200 | 32.5                                     | 34.8    | 37.5    | -16                                                                                         | 0.50                                                                                |
| L2C4-xxxx-L05E1200 | 32.5                                     | 34.8    | 37.5    | -16                                                                                         | 0.45                                                                                |
| L2C4-xxxx-L08E1400 | 32.5                                     | 34.5    | 37.5    | -16                                                                                         | 0.38                                                                                |

**Notes for Table 3:**

1. Lumileds maintains a tolerance of  $\pm 2\%$  on forward voltage measurements.
2. Measured between  $25^{\circ}\text{C}$  and  $85^{\circ}\text{C}$ .
3. Thermal resistance is measured between junction and the bottom of the LUXEON CoB substrate.

## Absolute Maximum Ratings

Table 4. Absolute maximum ratings for LUXEON CX Plus CoB.

| PARAMETER                                            | MAXIMUM PERFORMANCE                                       |
|------------------------------------------------------|-----------------------------------------------------------|
| DC Forward Current <sup>[1, 2]</sup>                 | 2x test current, except for S01, rated at 250mA maximum   |
| LED Junction Temperature <sup>[1]</sup> (DC & Pulse) | $125^{\circ}\text{C}$                                     |
| ESD Sensitivity (ANSI/ESDA/JEDEC JS-001-2012)        | Class 3B                                                  |
| Operating Case Temperature <sup>[1]</sup>            | $-40^{\circ}\text{C}$ to $105^{\circ}\text{C}$            |
| LED Storage Temperature                              | $-40^{\circ}\text{C}$ to $120^{\circ}\text{C}$            |
| Allowable Reflow Cycles                              | 3                                                         |
| Reverse Voltage ( $V_{\text{reverse}}$ )             | LUXEON LEDs are not designed to be driven in reverse bias |

**Notes for Table 4:**

1. Proper current derating must be observed to maintain the junction temperature below the maximum allowable junction temperature.
2. Residual periodic variations due to power conversion from alternating current (AC) to direct current (DC), also called "ripple," are acceptable if the following conditions are met:
  - The frequency of the ripple current is 100Hz or higher
  - The average current for each cycle does not exceed the maximum allowable DC forward current
  - The maximum amplitude of the ripple does not exceed the maximum peak pulsed forward current

# Characteristic Curves

## Spectral Power Distribution Characteristics

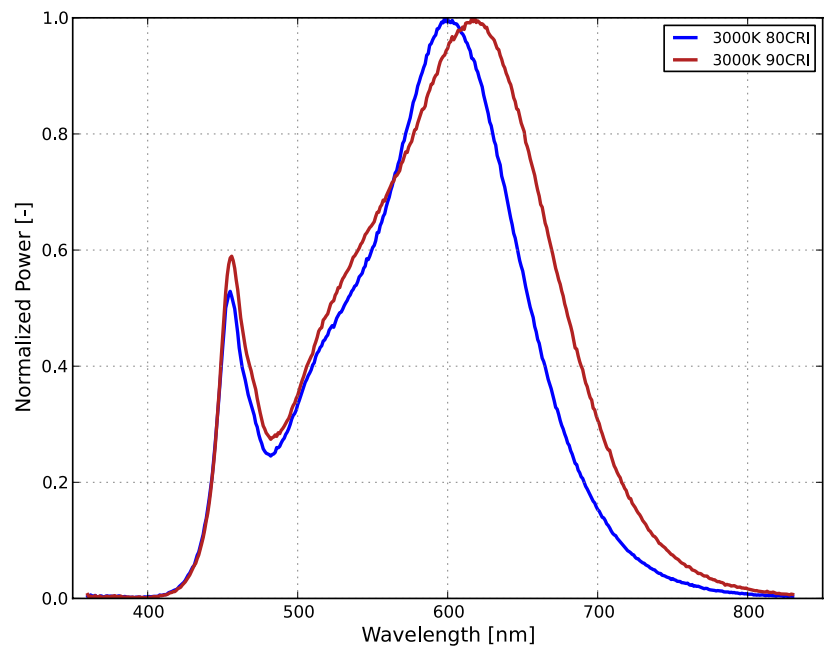


Figure 1. Typical normalized power vs. wavelength for L2C4-xxxx-xxxExx00 at specified test current,  $T_j=85^{\circ}\text{C}$ .

## Light Output Characteristics

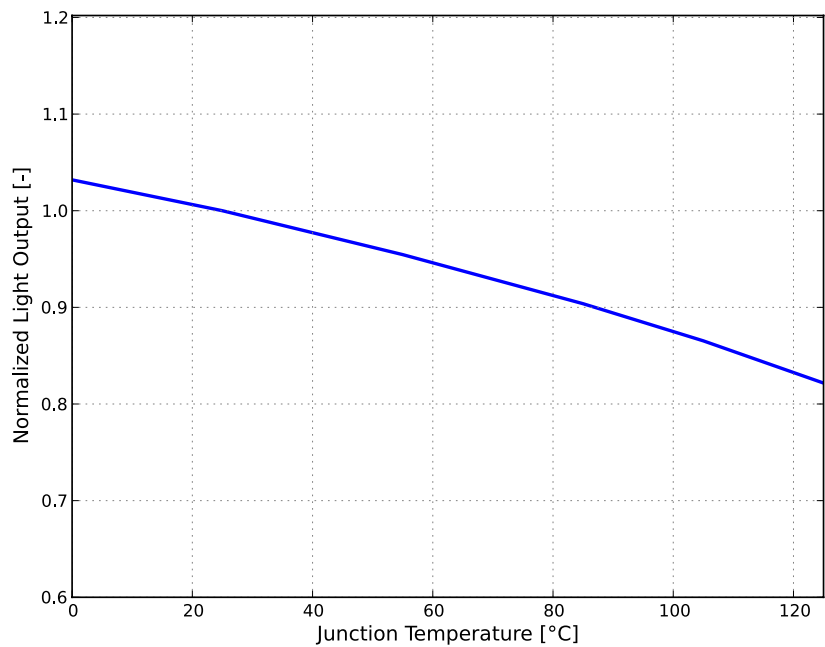
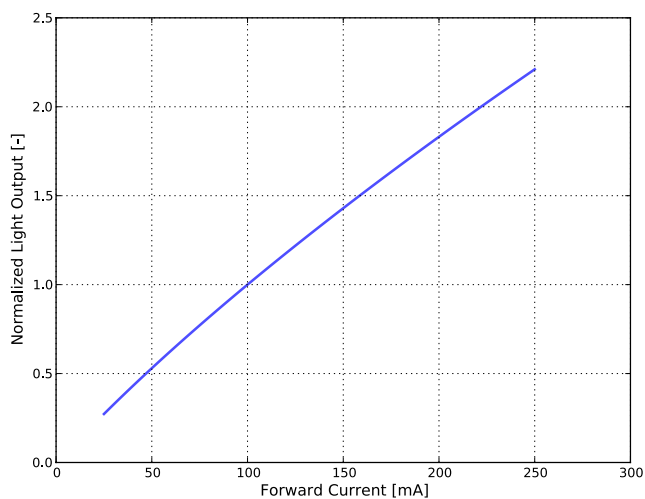
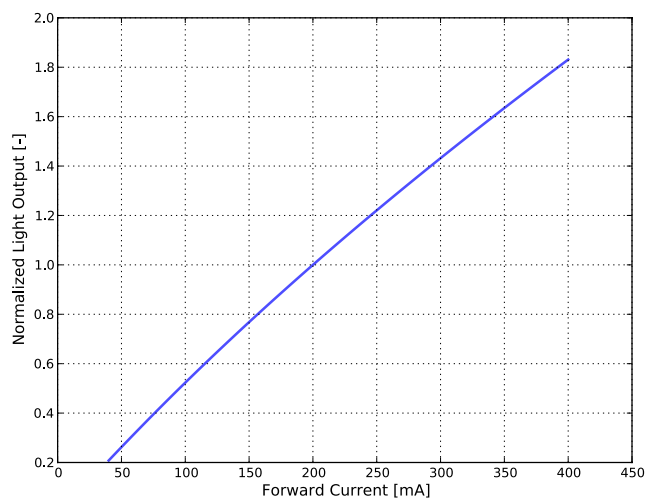


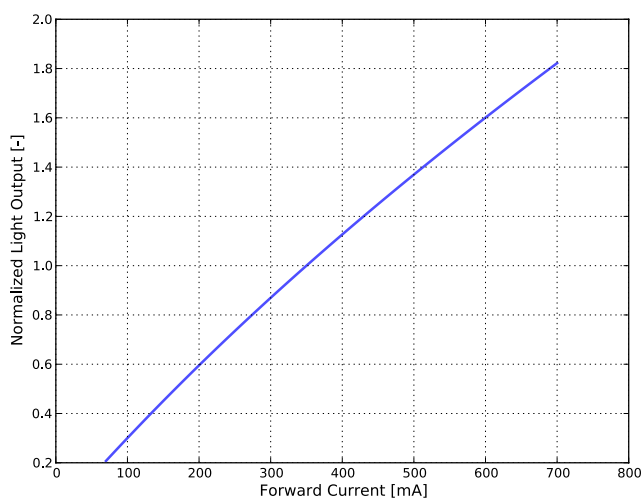
Figure 2. Typical normalized light output vs. junction temperature for L2C4-xxxx-xxxExx00 at specified test current.



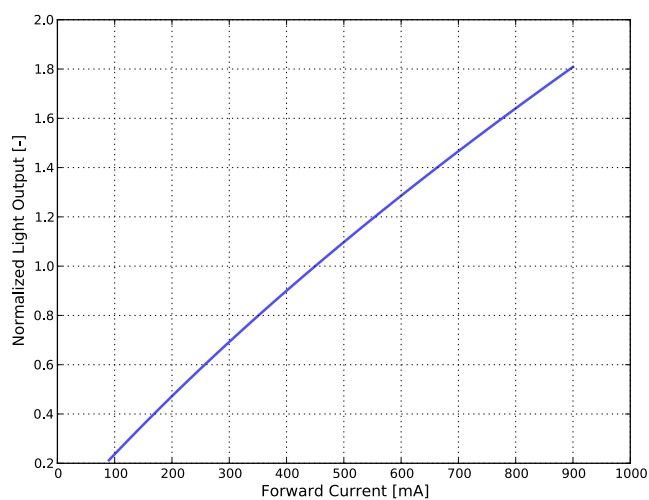
L2C4-xxxx-S01E0600



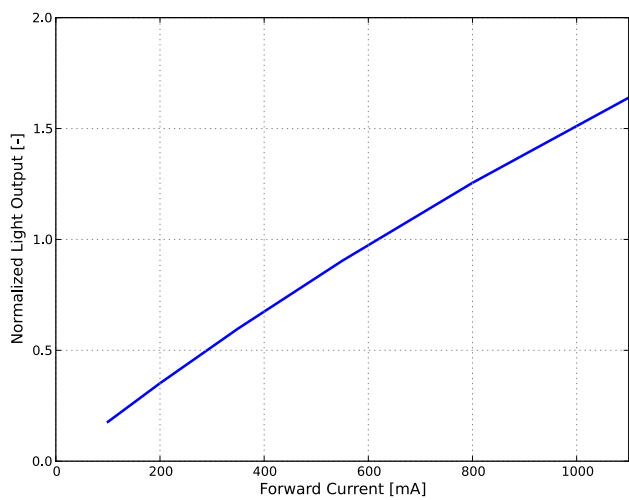
L2C4-xxxx-M02E0900



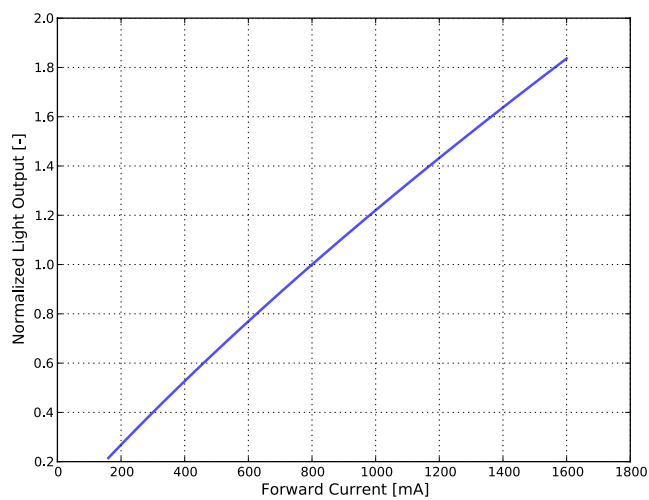
L2C4-xxxx-M03E0900



L2C4-xxxx-L04E1200



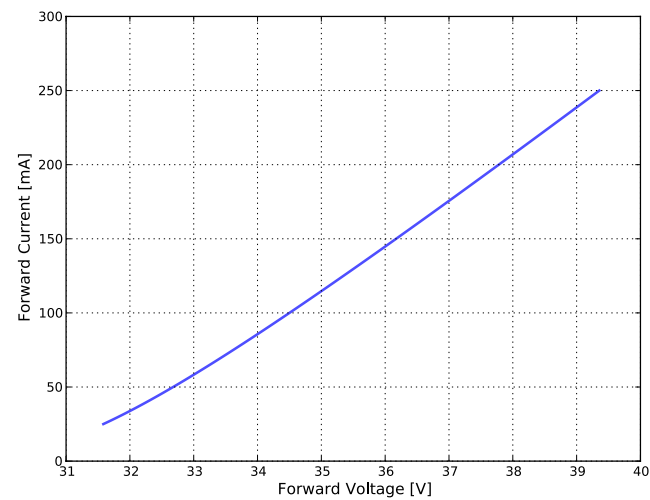
L2C4-xxxx-L05E1200



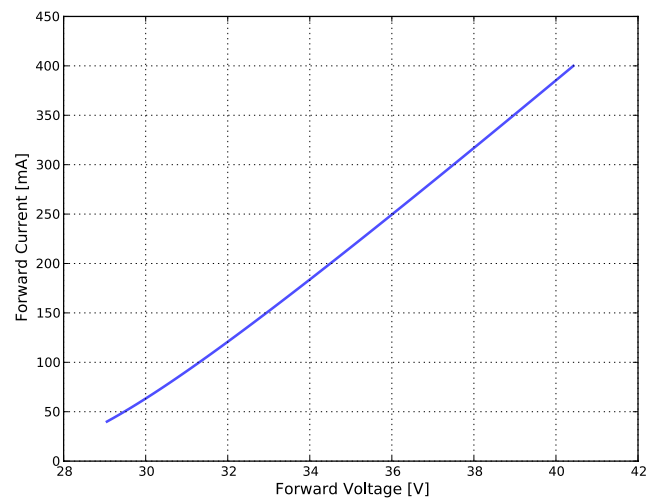
L2C4-xxxx-L08E1400

Figure 3. Typical normalized light output vs. forward current for LUXEON CX Plus CoB at  $T_j=85^{\circ}\text{C}$ .

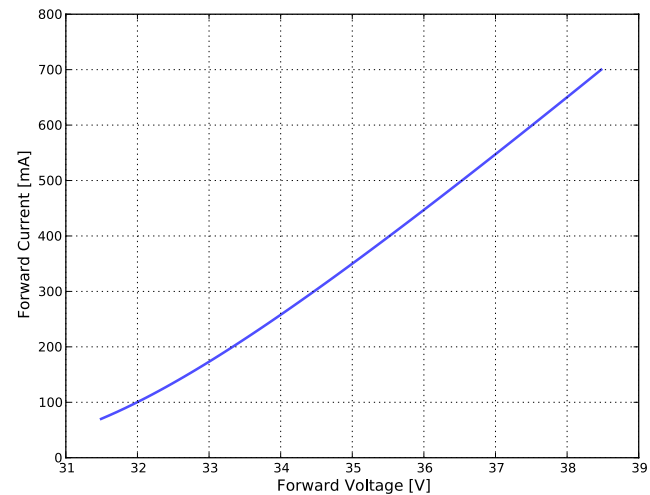
# Forward Current Characteristics



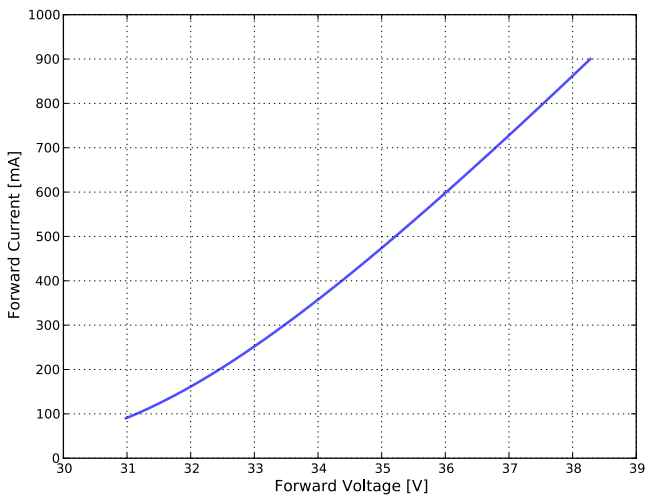
L2C4-xxxx-S01E0600



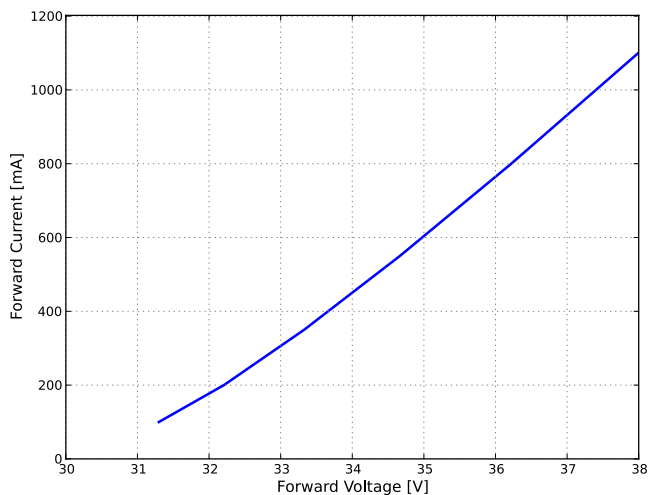
L2C4-xxxx-M02E0900



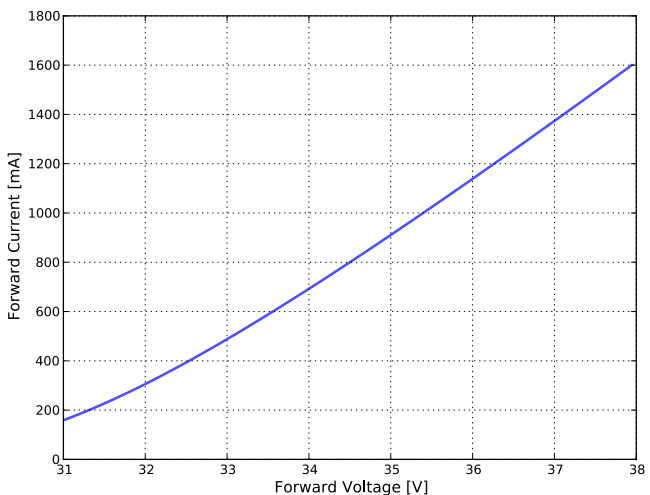
L2C4-xxxx-M03E0900



L2C4-xxxx-L04E1200



L2C4-xxxx-L05E1200



L2C4-xxxx-L08E1400

Figure 4. Typical forward current vs. forward voltage for LUXEON CX Plus CoB at  $T_j=85^{\circ}\text{C}$ .

# Radiation Pattern Characteristics

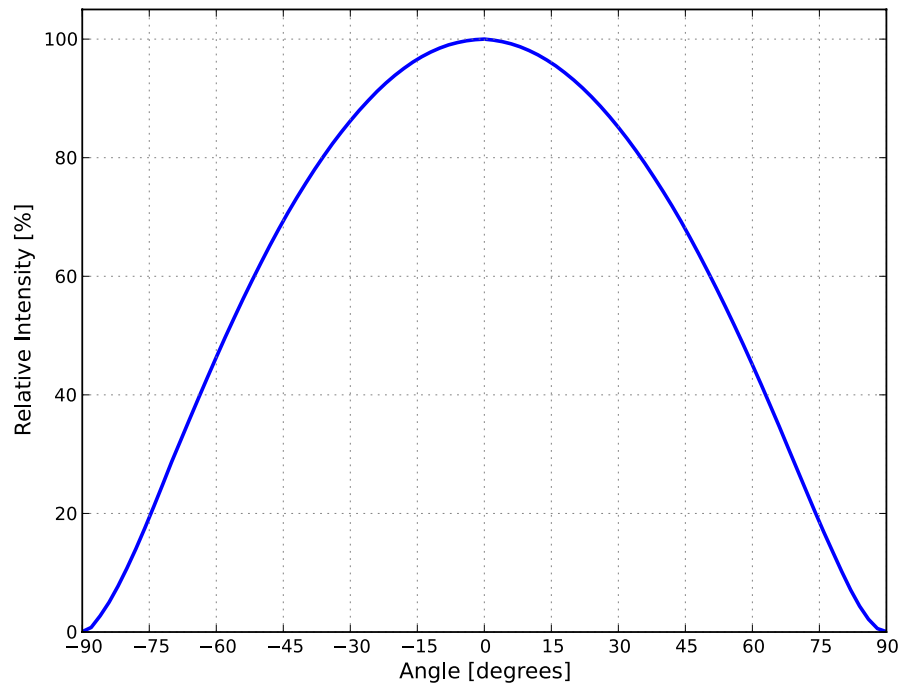


Figure 5. Typical radiation pattern for LUXEON CX Plus CoB at specified test current,  $T_j=85^{\circ}\text{C}$ .

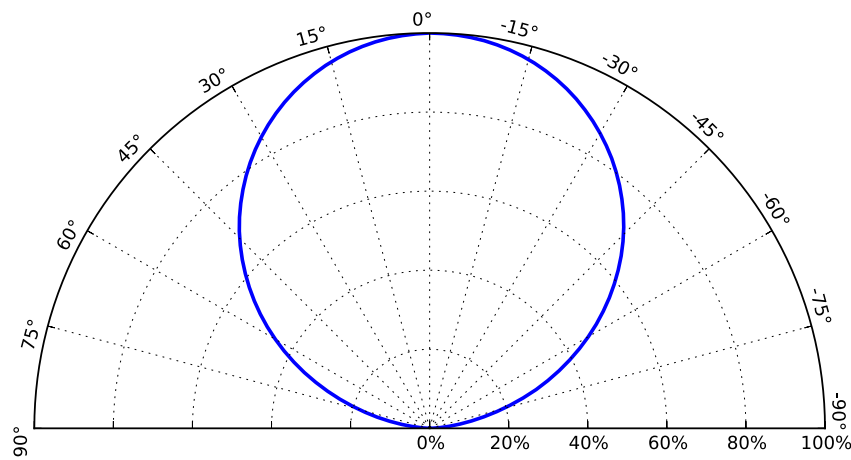


Figure 6. Typical polar radiation pattern for LUXEON CX Plus CoB at specified test current,  $T_j=85^{\circ}\text{C}$ .

# Color Bin Definitions

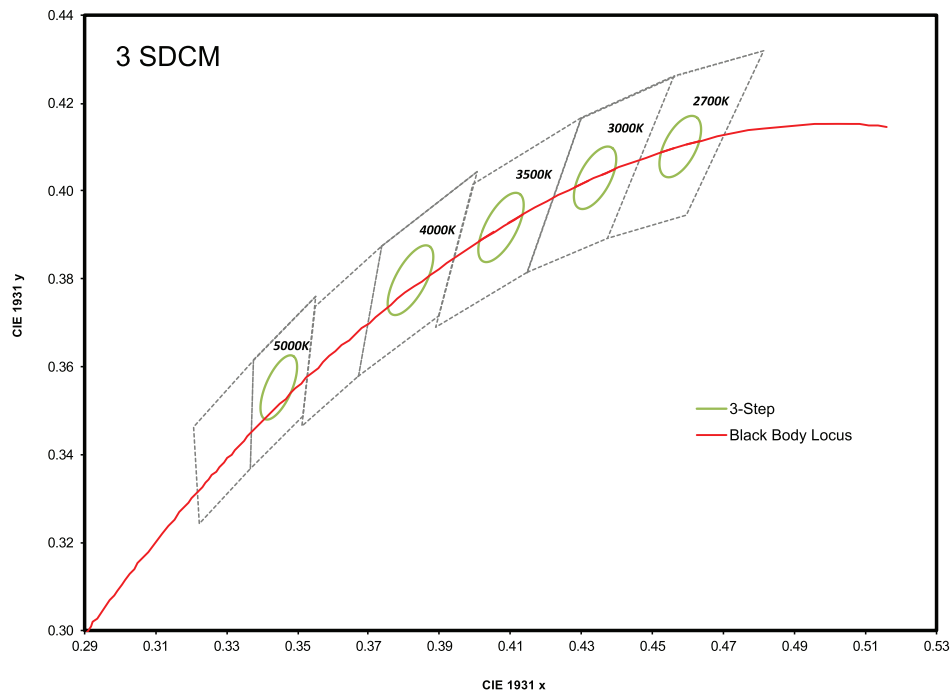


Figure 7. 3-step MacAdam ellipse illustration for Table 5.

Table 5. 3-step MacAdam ellipse color bin definition for LUXEON CX Plus CoB.

| NOMINAL CCT | COLOR SPACE                   | CENTER POINT <sup>[1]</sup><br>(cx, cy) | MAJOR AXIS,<br>a | MINOR AXIS,<br>b | ELLIPSE ROTATION<br>ANGLE, θ |
|-------------|-------------------------------|-----------------------------------------|------------------|------------------|------------------------------|
| 2700K       | Single 3-step MacAdam ellipse | (0.4578, 0.4101)                        | 0.00810          | 0.00420          | 53.70°                       |
| 3000K       | Single 3-step MacAdam ellipse | (0.4338, 0.4030)                        | 0.00834          | 0.00408          | 53.20°                       |
| 3500K       | Single 3-step MacAdam ellipse | (0.4073, 0.3917)                        | 0.00927          | 0.00414          | 54.00°                       |
| 4000K       | Single 3-step MacAdam ellipse | (0.3818, 0.3797)                        | 0.00939          | 0.00402          | 53.70°                       |
| 5000K       | Single 3-step MacAdam ellipse | (0.3447, 0.3553)                        | 0.00822          | 0.00354          | 59.60°                       |

Notes for Table 5:

1. Lumileds maintains a tolerance of ±0.005 on x and y coordinates in the CIE 1931 color space.

# Mechanical Dimensions

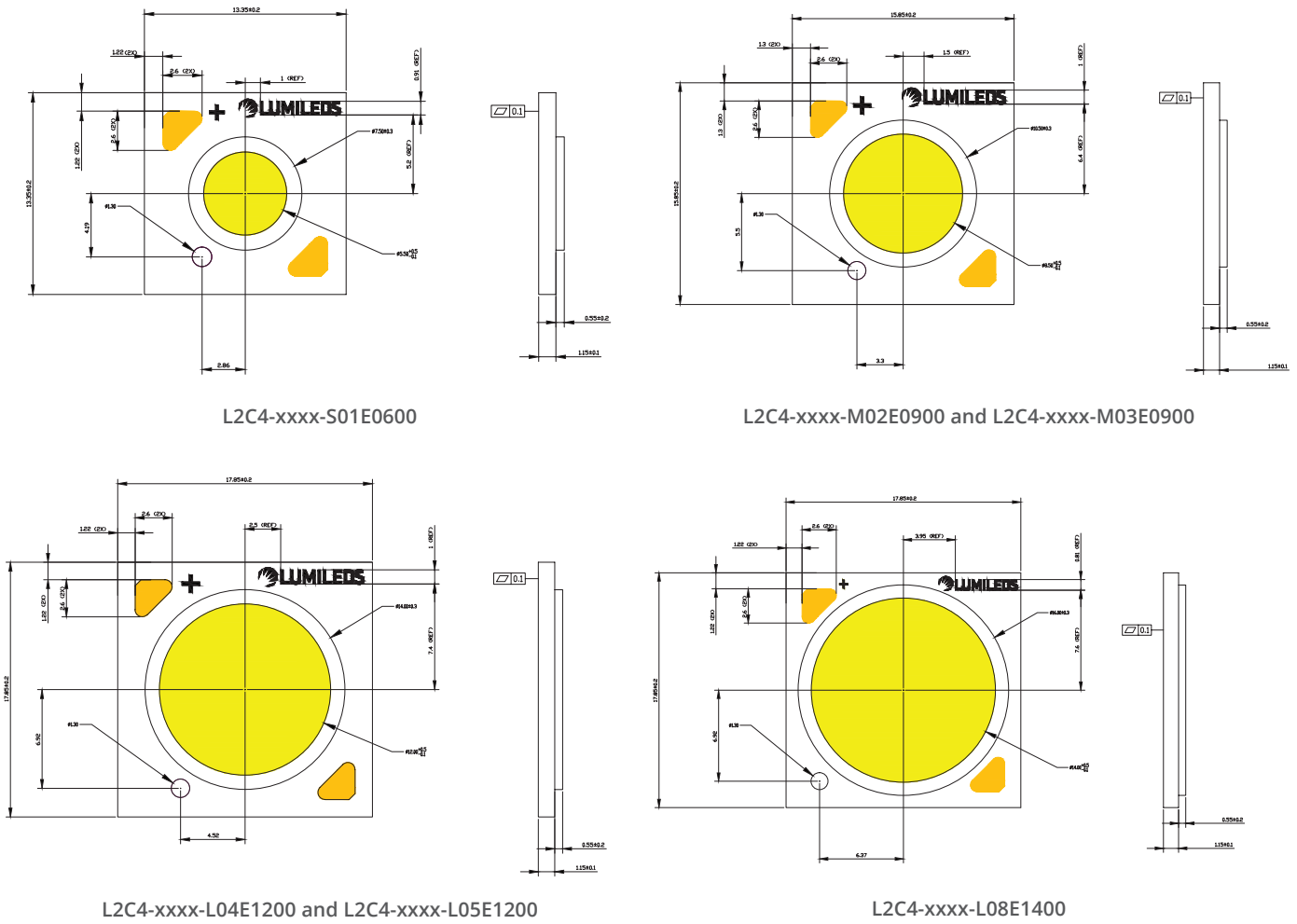


Figure 8. Mechanical dimensions for LUXEON CX Plus CoB.

Notes for Figure 8:

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

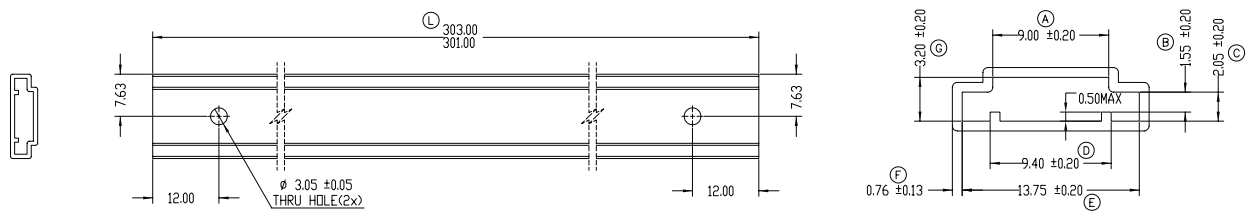
# Packaging and Labeling Information

LUXEON CX Plus CoB LEDs are packaged in tubes then in a carton box. Each tube contains a specified number of LEDs. The LEDs in each tube come from a single category code, ensuring they are all well-matched for light output, color, and forward voltage. Each tube contains a rubber stopper at one end. The tube label has both alphanumeric and bar code information. The carton boxes have printed information providing part numbers with CAT codes that indicate luminous flux, color and forward voltage bins.

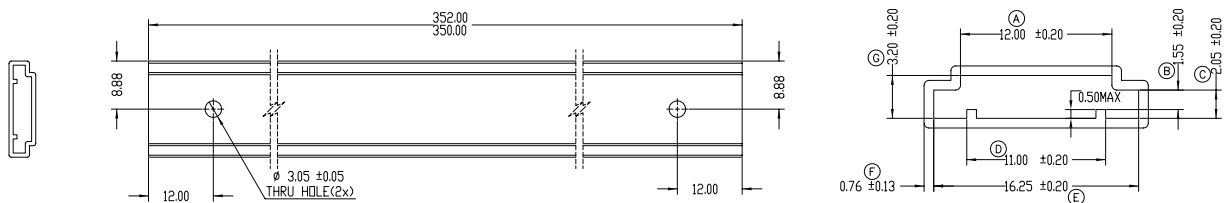
**Table 6. Number of LEDs per tube for LUXEON CX Plus CoB.**

| PART NUMBER       | TOTAL UNITS PER TUBE | TOTAL TUBES PER INNER BOX | TOTAL UNITS PER INNER BOX |
|-------------------|----------------------|---------------------------|---------------------------|
| L2C4-xxxxS01E0600 | 20                   | 5                         | 100                       |
| L2C4-xxxxM02E0900 | 20                   | 5                         | 100                       |
| L2C4-xxxxM03E0900 | 20                   | 5                         | 100                       |
| L2C4-xxxxL04E1200 | 20                   | 5                         | 100                       |
| L2C4-xxxxL05E1200 | 20                   | 5                         | 100                       |
| L2C4-xxxxL08E1400 | 20                   | 5                         | 100                       |

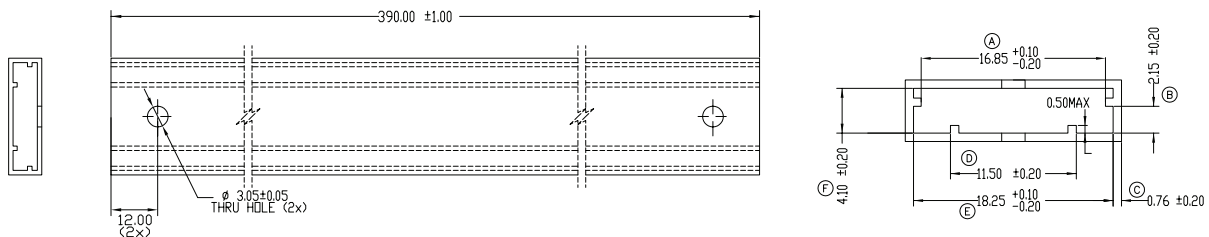
## Tube



**Figure 9a. Tube dimensions for L2C4-xxxx-S01E0600.**



**Figure 9b. Tube dimensions for L2C4-xxxx-M02E0900 and L2C4-xxxx-M03E0900.**



**Figure 9c. Tube dimensions for L2C4-xxxx-L04E1200, L2C4-xxxx-L05E1200 and L2C4-xxxx-L08E1400.**

Notes for Figures 9a, 9b and 9c:  
 1. Drawings are not to scale.  
 2. All dimensions are in millimeters.

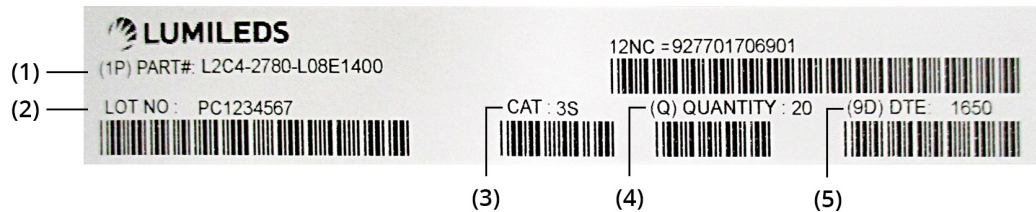


Figure 10. Example of a tube label for LUXEON CX Plus CoB.

Notes for Figure 10 – Tube Label descriptions for customer use:  
Field labels not described are for Lumileds internal use only.

1. Philips part number.
2. Unique production lot identification number. This number is required for traceability purpose.
3. Product category code.
4. Number of LED emitters in a tube.
5. LED test date in YYWW format.

## Inner Box

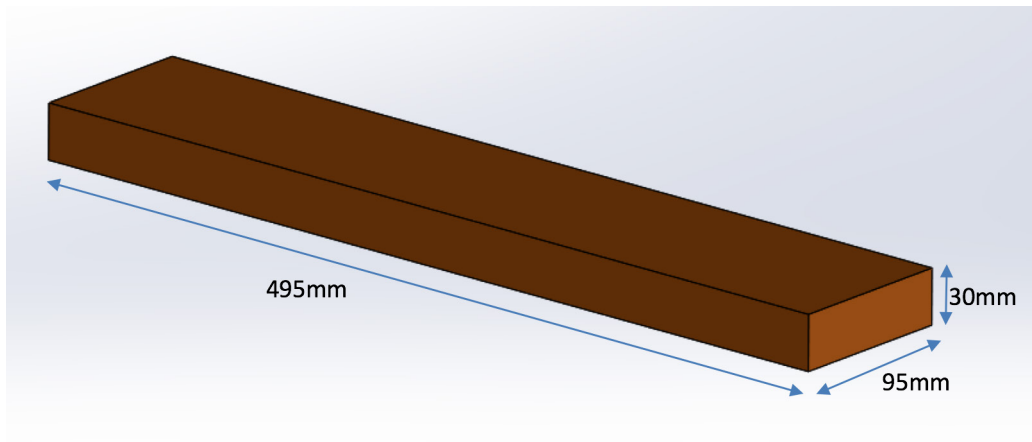


Figure 11. Dimensions for inner box packaging for LUXEON CX Plus CoB.

Table 7. Inner box information for LUXEON CX Plus CoB.

| BOX TYPE  | DIMENSIONS (mm) |     |    | AVERAGE WEIGHT<br>(100pcs/box) |
|-----------|-----------------|-----|----|--------------------------------|
|           | H               | L   | W  |                                |
| Inner Box | 30              | 495 | 95 | 0.232Kg                        |



Figure 12. Example of inner box label for LUXEON CX Plus CoB.

Notes for Figure 12 – Inner Box Label descriptions for customer use:  
Field labels not described are for Lumileds internal use only.

1. Lumileds part number.
2. Number of LED emitters in a box.
3. LED test date in YYWW format.
4. Customer part number for custom requests only.
5. Unique production lot identification number. This number is required for traceability purpose.
6. Product category code.

# Outer Box

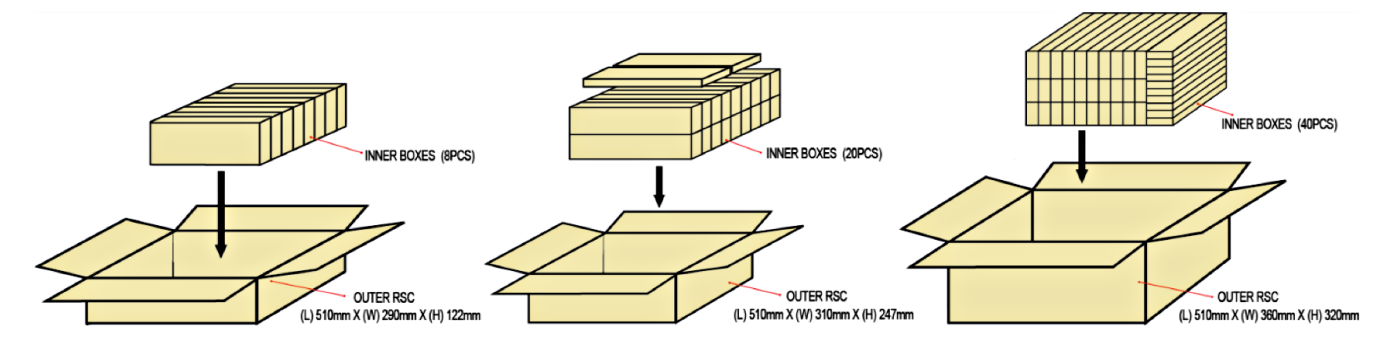


Figure 13. Dimensions for outer box packaging for LUXEON CX Plus CoB.

Table 8. Outer box information for LUXEON CX Plus CoB.

| BOX TYPE     | DIMENSIONS (mm) |     |     | MAXIMUM INNER BOXES PER OUTER BOX | MAXIMUM QUANTITY PER OUTER BOX | AVERAGE WEIGHT (100pcs/box) |
|--------------|-----------------|-----|-----|-----------------------------------|--------------------------------|-----------------------------|
|              | H               | L   | W   |                                   |                                |                             |
| Outer Box 8  | 122             | 510 | 290 | 8                                 | 800                            | 2.36Kg                      |
| Outer Box 20 | 247             | 510 | 310 | 20                                | 2000                           | 5.34Kg                      |
| Outer Box 40 | 320             | 510 | 360 | 40                                | 4000                           | 10.88Kg                     |



Figure 14. Example of outer box label for LUXEON CX Plus CoB.

Notes for Figure 14 – Outer Box Label descriptions for customer use:  
Field labels not described are for Lumileds internal use only.  
1. Country code of origin of manufacturing of parts (e.g. MY for Malaysia, CN for China) according to ISO 3166-1 alpha-2 document.  
2. Lumileds part number.  
3. Customer part number for custom requests only.  
4. Total number of LED emitters in a shipment box.

## About Lumileds

Lumileds is the global leader in light engine technology. The company develops, manufactures and distributes groundbreaking LEDs and automotive lighting products that shatter the status quo and help customers gain and maintain a competitive edge.

With a rich history of industry “firsts,” Lumileds is uniquely positioned to deliver lighting advancements well into the future by maintaining an unwavering focus on quality, innovation and reliability.

To learn more about our portfolio of light engines, visit [lumileds.com](http://lumileds.com).



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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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