

# LUXEON CX Plus CoB Family Ecosystem: Connectors & Optics

LED Solutions Business unit

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## CX Plus CoB Family – Compatible Connectors

LUXEON CX Plus CoB LED	Cree CX Family LED	Connector Vendor & Model Number					
		Bender + Wirth	BJB	Ideal	Kang Rong	Molex	TE Connectivity
<b>L2C4-xxxxxS0xFxxx0</b> (13.35mm x 13.35mm)	<b>CXA13XX</b> <b>CXB13XX</b>	448 634c	47.319.6120.50	50-2000CR	Contact vendor	180555-0002	2-2154857-2
<b>L2C4-xxxxxM0xF0900</b> (15.85mm x 15.85mm)	<b>CXA15XX</b> <b>CXB15XX</b>	441 641a	47.319.6101.50	50-2001CR	K905A	180560-0001	2-2154857-2 5-2154874-2
<b>L2C4-xxxxxL0xF1x00</b> (17.85mm x 17.85mm)	<b>CXA18XX</b> <b>CXB18XX</b>	437 637a	47.319.2131.50	50-3001CR 50-2101CR	K905C K905R	Contact vendor	2-2154857-2

Table 1: LUXEON CX Plus CoB Family connector model numbers (with corresponding Cree LEDs)

## CX Plus CoB Family – Compatible Optics for 13.35mm x 13.35mm CoB

LUXEON CX Plus CoB LED	LES Size	Optics Vendor & Model Number			
		Carclo	Gaggione	Khatod	LEDiL
<b>L2C4-xxxxxS0xFxxx0</b> (13.35mm x 13.35mm)	4.5mm	600xx 1075x	Contact vendor	PLL2056SRxx PLL2087xxSR PL18xxSR PL177xSR PL1772SR_075 PL176xSR PLL2010xx PLL2009xx PLL2008xx PLL20xxNALSD PL50SIL KEPLL1994xxSR (except 9mm) PL1724xx	CP15212_CARMEN-S-B CP15215_CARMEN-M-B CP15313_CARMEN-W-B CP15916_CARMEN-RS-C CP15774_CARMEN-S-C CP16601_CARMEN-SS-C CP1577x_CARMEN-x-C CP1610x_CARMEN-50-x-C C1668x_ILONA-x C16731_ILONA-SS C1608x_CARMEN-90-x F147xx_BROOKE-G2-x F155xx_MIRELLA-G2-x F16002_MIRELLA-G2-WW F1636x_BARBARA-G2-x CN1582x_WINNIE-x-C CN16191_WINNIE-WW-C CN15826_WINNIE-O-C FN159xx_RONDA-x-C FP15072_ZORYA-SC-HEKLA
	6mm				
	9mm		LLC66N7 LLC66M7 LLC66W7 LLC79x7		

Table 2a: Compatible Optics for L2C4-xxxxxS0xFxxx0 (13.35mm x 13.35mm)

## CX Plus CoB Family – Compatible Optics for 15.85mm x 15.85mm CoB

LUXEON CX Plus CoB LED	LES Size	Optics Vendor & Model Number			
		Carclo	Gaggione	Khatod	LEDiL
<b>L2C4-xxxxxM0xF0900</b> (15.85mm x 15.85mm)	9mm	600xx 1075x	LLC66N7 LLC66M7 LLC66W7 LLC79x7	PLL2056SRxx PLL2087xxSR PL18xxSR PL177xSR PL1772SR_075 PL176xSR PLL2010xx PLL2009xx PLL2008xx PLL20xxNALSD PL50SIL PL1724xx	FN15380_RONDA-WAS FN15977_RONDA-WAS2 FN15388_RONDA-ZT45 FN15679_RONDA-S FN15552_RONDA-W FN15387_RONDA-WW FN15381_RONDA-WWW FN15993_RONDA-O FN15622_RONDA-REC-60 FN15789_RONDA-REC-90 F133xx_ANGELA-x F13840_ANGELA-XW F13325_ANGELINA-S F1340x_ANGELINA-x F13838_ANGELINA-XW C14346_ANGELETTE-WAS F1453x_ANGELETTE-x F16010_ANGELETTE-M2 C1580x_MOLLY-x C1259x_LENINA-x C12958_LENINA-XW C11979_LENINA-S C13117_LENINA-SS C12154_LENINA-M C11980_LENINA-W C12948_LENINA-WAS C13101_LENINA-X-WAS

Table 2b: Compatible Optics for L2C4-xxxxxM0xF0900 (15.85mm x 15.85mm)

## CX Plus CoB Family – Compatible Optics for 17.85mm x 17.85mm CoB

LUXEON CX Plus CoB LED	LES Size	Optics Vendor & Model Number			
		Carclo	Gaggione	Khatod	LEDiL
<b>L2C4- xxxxxL0xF1x00</b> (17.85mm x 17.85mm)	12mm	600xx	LLC66N7 LLC66M7 LLC66W7	Contact vendor	F1366x_ANGELA-x-B F13841_ANGELA-XW-B F136xx_ANGELINA-x-B F13839_ANGELINA-XW-B F14616_ANGELETTE-S-B F16012_ANGELETTE-M2-B F1461x_ANGELETTE-x-B C1626x_MOLLY-x-B FP15073_ZORYA-SC-50 FN15731_RONDA-WAS-B FN15978_RONDA-WAS2-B FN1573x_RONDA-x-B FN15997_RONDA-O-B FN15738_RONDA-REC-60-B FN15792_RONDA-REC-90-B

Table 2c: Compatible Optics for L2C4-xxxxxL0xF1x00 (17.85mm x 17.85mm)