



# Customer Information Note

March 21, 2018

**Customer Information Note #: 2018010C**

**Subject: Lumileds informs customers on higher flux for LUXEON CoB High Density**

## Overview

Lumileds is notifying customers of a minor modification to our documentation. At this time, Lumileds is ready to implement this modification. The details of the change and supporting documentation are attached below.

<b>Description of Change(s):</b>	Flux increase for LUXEON CoB Core Range High Density
<b>Customer Impact and Recommended Actions:</b>	No actions required
<b>Products affected:</b>	LUXEON CoB Core Range High Density
<b>Reference Documents/Attachments:</b>	Attachment A: Affected Part Numbers
<b>Reason for change(s):</b>	Lumileds has been producing on average 4% higher flux in production compared to the actual values in the datasheet. The new flux values are representing our actual performance since the launch of the portfolio.
<b>Anticipated (positive and negative) impact on form, fit, function or reliability:</b>	No impact
<b>Customer part number(s), if applicable:</b>	See Attachment A for affected Lumileds part numbers
<b>Last Date, if applicable, of manufacture of the unchanged product, if applicable:</b>	Not Applicable
<b>Anticipated date when shipments of the changed product can commence:</b>	Not Applicable

## Next Steps

No action required. These minor modifications will begin on or after the date listed in the table above.

## Contact:

If you have any questions, or need any further assistance, please contact your Lumileds sales representative.

# Attachments

## Attachment A: Affected part numbers

PRODUCT	NOMINAL CCT	MINIMUM CRI <sup>[1, 2, 3]</sup>	LUMINOUS FLUX <sup>[1]</sup> (lm)		TYPICAL LUMINOUS EFFICACY (lm/W)	TEST CURRENT	LES <sup>[4]</sup> (mm)	PART NUMBER	NEW VALUES (lm)		Flux Change %
			MINIMUM	TYPICAL					Minimum	Typical	
LUXEON CoB 1202HD	3000K	70	1388	1542	119	350	6	L2C5-30701202EH600	1388	1542	0%
	4000K	70	1462	1624	125	350	6	L2C5-40701202EH600	1505	1673	3%
	5000K	70	1462	1624	125	350	6	L2C5-50701202EH600	1505	1673	3%
	2700K	80	1240	1378	106	350	6	L2C5-27801202EH600	1240	1378	0%
	3000K	80	1305	1450	112	350	6	L2C5-30801202EH600	1368	1520	5%
	3500K	80	1331	1479	114	350	6	L2C5-35801202EH600	1406	1562	6%
	4000K	80	1357	1508	116	350	6	L2C5-40801202EH600	1438	1598	6%
	5000K	80	1357	1508	116	350	6	L2C5-50801202EH600	1425	1583	5%
	5700K	80	1351	1501	116	350	6	L2C5-57801202EH600	1432	1591	6%
	2700K	90	1044	1160	90	350	6	L2C5-27901202EH600	1059	1177	1%
	3000K	90	1070	1189	92	350	6	L2C5-30901202EH600	1124	1248	5%
	3500K	90	New part number		NA	350	6	L2C5-35901202EH600	1223	1359	NA
4000K	90	1148	1276	99	350	6	L2C5-40901202EH600	1217	1353	6%	
LUXEON CoB 1204HD	3000K	70	2775	3084	119	700	9	L2C5-30701204E0900	2887	3207	4%
	3500K	70	New part number		0	700	9	L2C5-35701204E0900	2800	3111	NA
	4000K	70	2923	3248	125	700	9	L2C5-40701204E0900	3011	3345	3%
	5000K	70	2923	3248	125	700	9	L2C5-50701204E0900	3011	3345	3%
	5700K	70	New part number		0	700	9	L2C5-57701204E0900	2866	3185	NA
	6500K	70	New part number		0	700	9	L2C5-65701204E0900	2824	3137	NA
	2200K	80	New part number		0	700	9	L2C5-22801204E0900	2140	2378	NA
	2700K	80	2480	2755	106	700	9	L2C5-27801204E0900	2554	2838	3%
	3000K	80	2610	2900	112	700	9	L2C5-30801204E0900	2688	2987	3%
	3500K	80	2662	2958	114	700	9	L2C5-35801204E0900	2742	3047	3%
	4000K	80	2714	3016	116	700	9	L2C5-40801204E0900	2850	3167	5%
	5000K	80	2714	3016	116	700	9	L2C5-50801204E0900	2850	3167	5%
	5700K	80	2701	3002	116	700	9	L2C5-57801204E0900	2891	3212	7%
	2200K	90	New part number		0	700	9	L2C5-22901204E0900	1864	2071	NA
	2700K	90	2088	2320	90	700	9	L2C5-27901204E0900	2130	2366	2%
	3000K	90	2140	2378	92	700	9	L2C5-30901204E0900	2269	2521	6%
	3200K	90	2183	2426	94	700	9	L2C5-32901204E0900	2271	2523	4%
	3500K	90	New part number		0	700	9	L2C5-35901204E0900	2365	2628	NA
4000K	90	2297	2552	99	700	9	L2C5-40901204E0900	2458	2731	7%	
LUXEON CoB 1205HD	3000K	70	3360	3950	119	900	11	L2C5-30701205E1100	3360	3950	0%
	4000K	70	3780	4200	126	900	11	L2C5-40701205E1100	3780	4200	0%
	5000K	70	3780	4200	126	900	11	L2C5-50701205E1100	3780	4200	0%
	2700K	80	3206	3563	107	900	11	L2C5-27801205E1100	3207	3563	0%
	3000K	80	3375	3750	113	900	11	L2C5-30801205E1100	3375	3750	0%
	3500K	80	3443	3825	115	900	11	L2C5-35801205E1100	3546	3940	3%
	4000K	80	3510	3900	117	900	11	L2C5-40801205E1100	3650	4056	4%
	5000K	80	3510	3900	117	900	11	L2C5-50801205E1100	3545	3939	1%
	5700K	80	3493	3881	117	900	11	L2C5-57801205E1100	3702	4114	6%
	2700K	90	2700	3000	90	900	11	L2C5-27901205E1100	2727	3030	1%
	3000K	90	2768	3075	92	900	11	L2C5-30901205E1100	2934	3260	6%
	4000K	90	2970	3300	99	900	11	L2C5-40901205E1100	3119	3465	5%