








XLAMP® CXA2 LEDs: STANDARD DENSITY

- Industry-leading efficacy and reliability for ceramic-based COBs
- TM-21 lifetimes well beyond L90 60,000 hours under a wide range of operating conditions
- Premium color options: Fidelity (98 CRI) and Specialty (below BBL)

April 2021 (FS31R5)

PRODUCT SELECTOR TABLE (T_J = 85 °C)

XLamp	Light Emitting Surface (mm)	Voltage Options	Typ. Power (W)	Max. Power (W)	4000 K, 70 CRI		3000 K, 80 CRI	
					Typ. Flux (lm)	Typ. LPW (lm/W)	Typ. Flux (lm)	Typ. LPW (lm/W)
CXB1304	6 	9 V 18 V 36 V	3.4	9.3	567	168	500	148
CXB1507	9 	18 V 36 V	6.8	13	1,152	170	1,015	150
CXB1512		18 V 36 V	12	22	1,982	165	1,746	145
CXB1816	12 	36 V	15	33	2,537	165	2,236	146
CXB1820		36 V	19	40	3,235	168	2,850	148
CXB1830	14 	36 V	28	52	4,712	168	4,152	148
CXB2530	19 	36 V	27	59	4,560	167	4,018	147
CXB2540		36 V	38	76	6,267	167	5,522	147
CXB3050	23 	36 V	48	90	8,092	170	7,129	150
CXB3070		36 V	68	106	11,054	162	9,739	142
CXB3590	30 	36 V 72 V	86	137	14,079	163	12,404	144

CRI & CCT OPTIONS: STANDARD COLORS

Colors	CRI	CCT								XLamp CXA2 LED (CXBxxxx)										
		6500K	5700K	5000K	4000K	3500K	3000K	2700K	2200K	1304	1507	1512	1816	1820	1830	2530	2540	3050	3070	3590
Standard	70	o	o	o	o					•	•	•	•	•	•	•	•	•	•	•
	80	o	o	o	o	o	o	o	o	•	•	•	•	•	•	•	•	•	•	•
	90			o	o	o	o	o		•	•	•	•	•	•	•	•	•	•	•

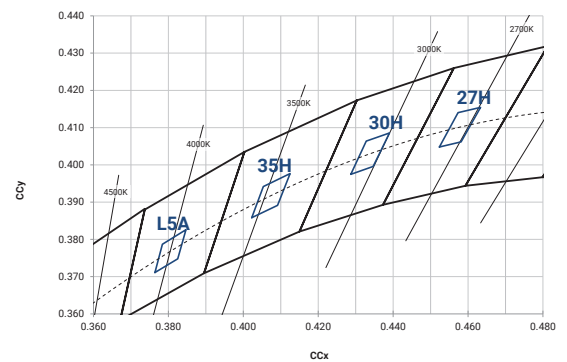
CRI & CCT OPTIONS: PREMIUM COLORS

Colors	CRI	CCT						XLamp CXA2 LED (CXBxxxx)											
		4000K	3500K	3100K below BBL	3000K	3000K below BBL	2700K	1304	1507	1512	1816	1820	1830	2530	2540	3050	3070	3590	
Fidelity	98	L5A	35H		30H		27H	•	•	•		•	•	•	•				
Standard	80						L7B	•	•	•		•	•	•	•				
	90			31Q		30Q 30U		•	•	•	•	•	•	•	•				
	98					L7C		•	•	•		•	•	•	•				

PREMIUM COLORS: FIDELITY

CCT	Bin	CRI		TM-30	
		Ra	R9	Rf	Rg
4000 K	L5A	97	95	91	99
3500 K	35H	97	97	91	99
3000 K	30H	98	88	93	99
2700 K	27H	98	93	96	101

On BBL for Halogen appearance



PREMIUM COLORS: SPECIALTY

CCT	Bin	CRI		TM-30	
		Ra	R9	Rf	Rg
3100 K	31Q	91	56	90	100
3000 K	L7B	84	16	83	96
3000 K	30Q	92	58	89	99
3000 K	30U	92	60	89	101
3000 K	L7C	95	84	92	101

Below BBL for CMH appearance

